

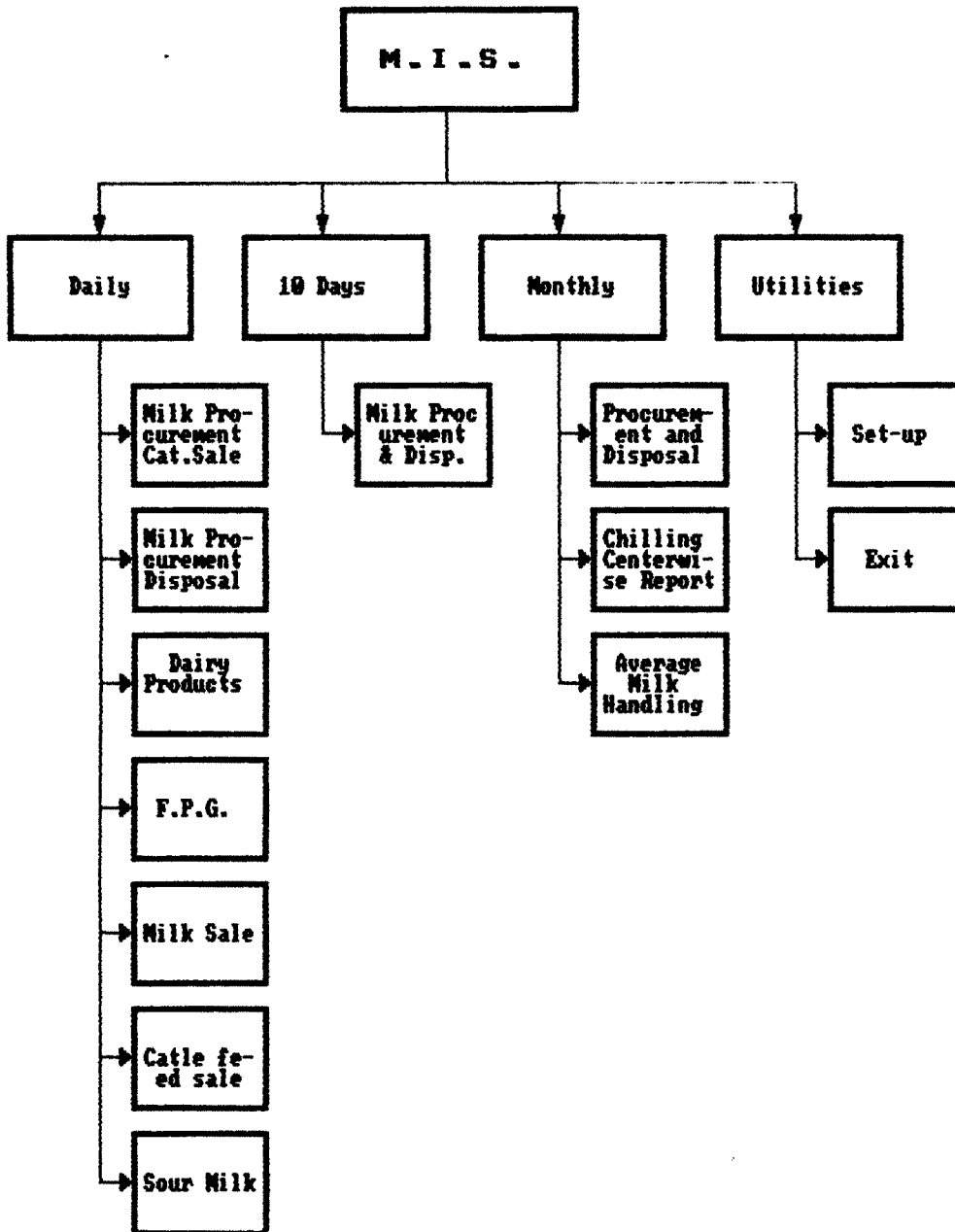
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**CHAPTER - 5.**

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- 5.1 System Flowchart.....**
- 5.2 Program Flow Chart.....**
- 5.3 Program Algorithm.....**
- 5.4 Program Listing.....**
- 5.5 Computer Output.....**

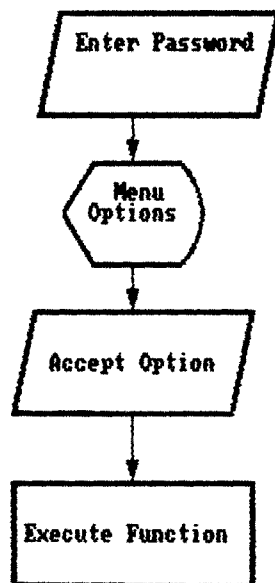
# 5.1 System Flow-chart



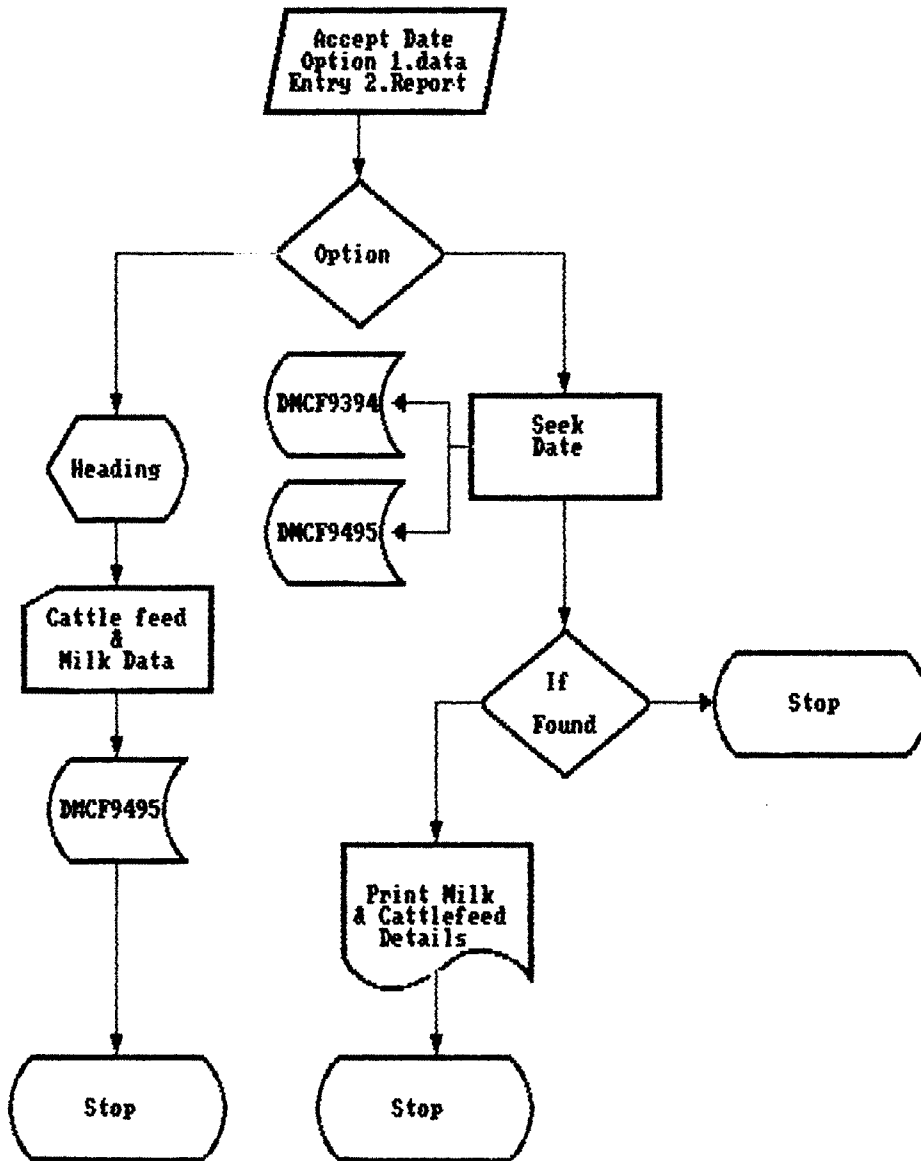
## 5.2 Program Flow Chart

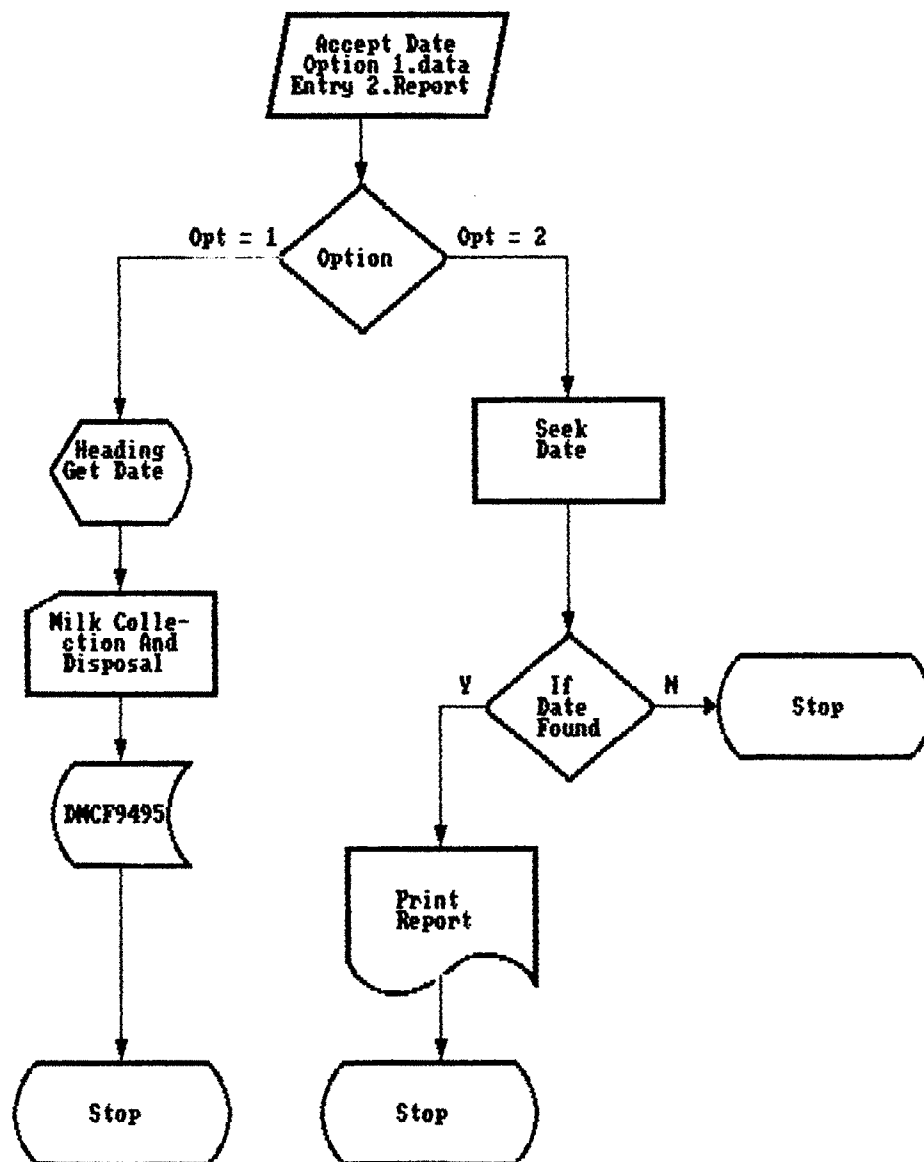
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### MISMENU.PRG

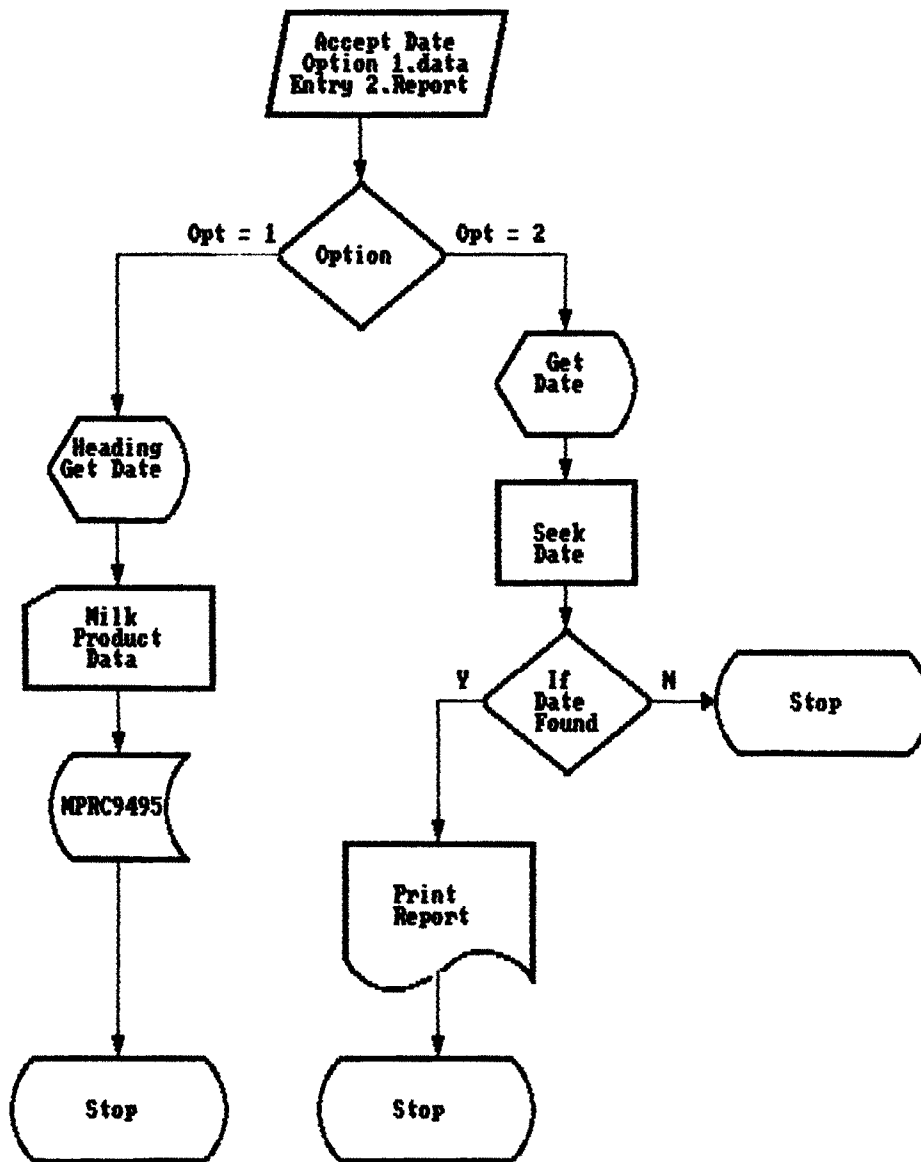


MISD1.PRG

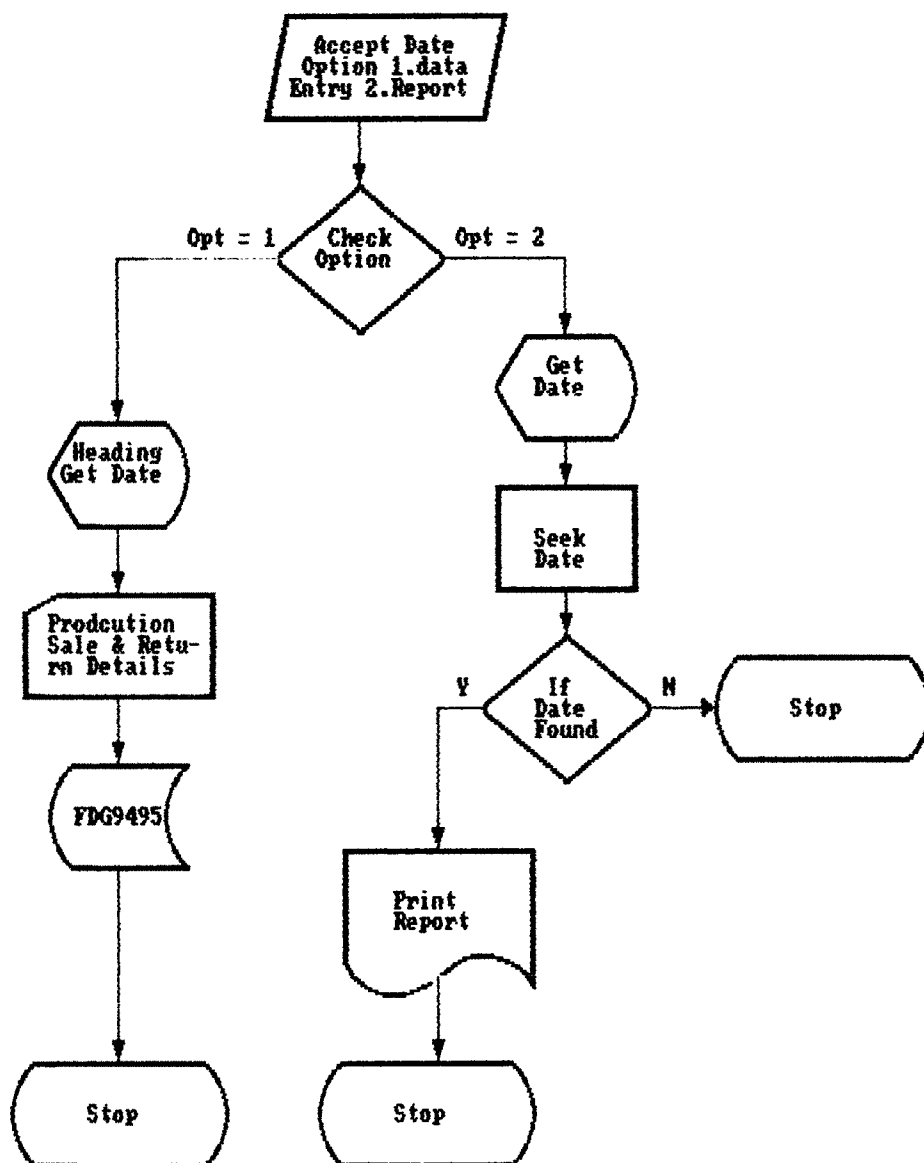


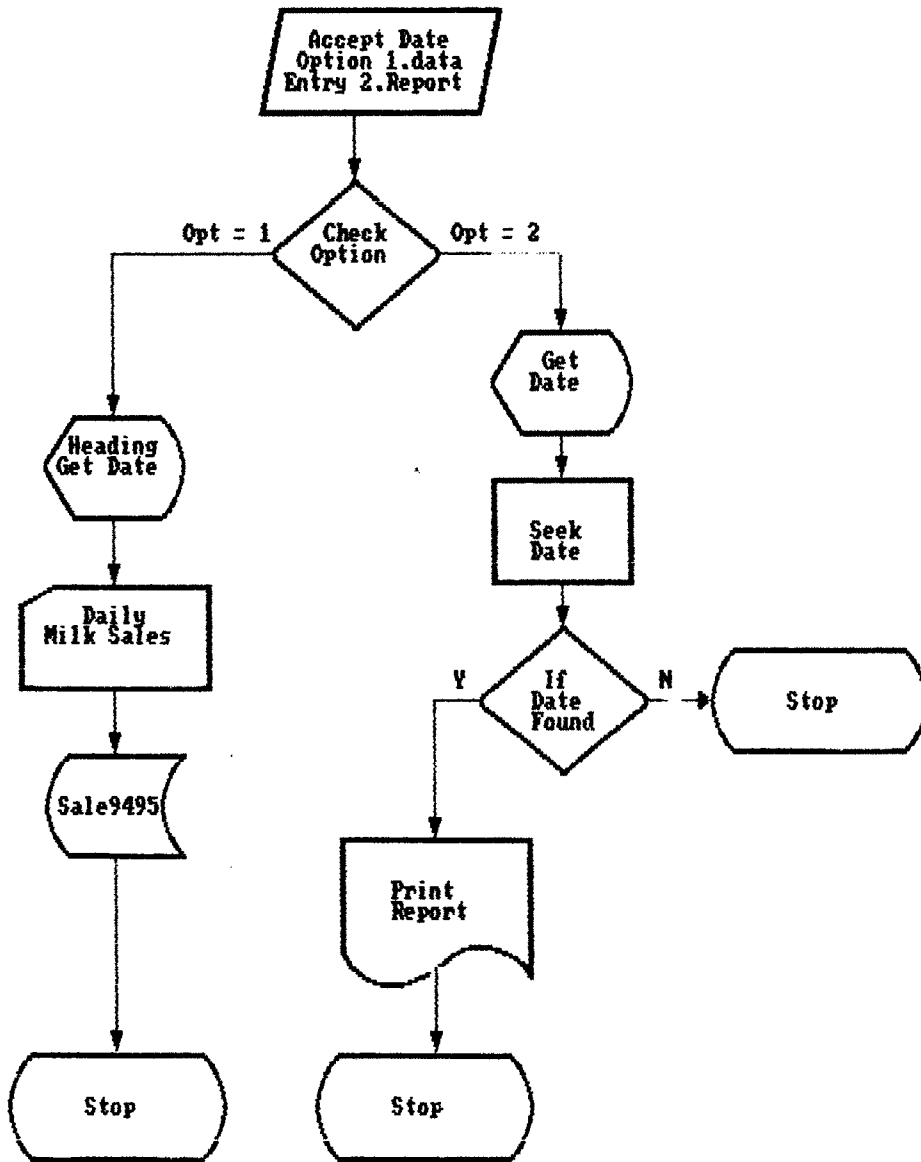


# MISD3.PRG



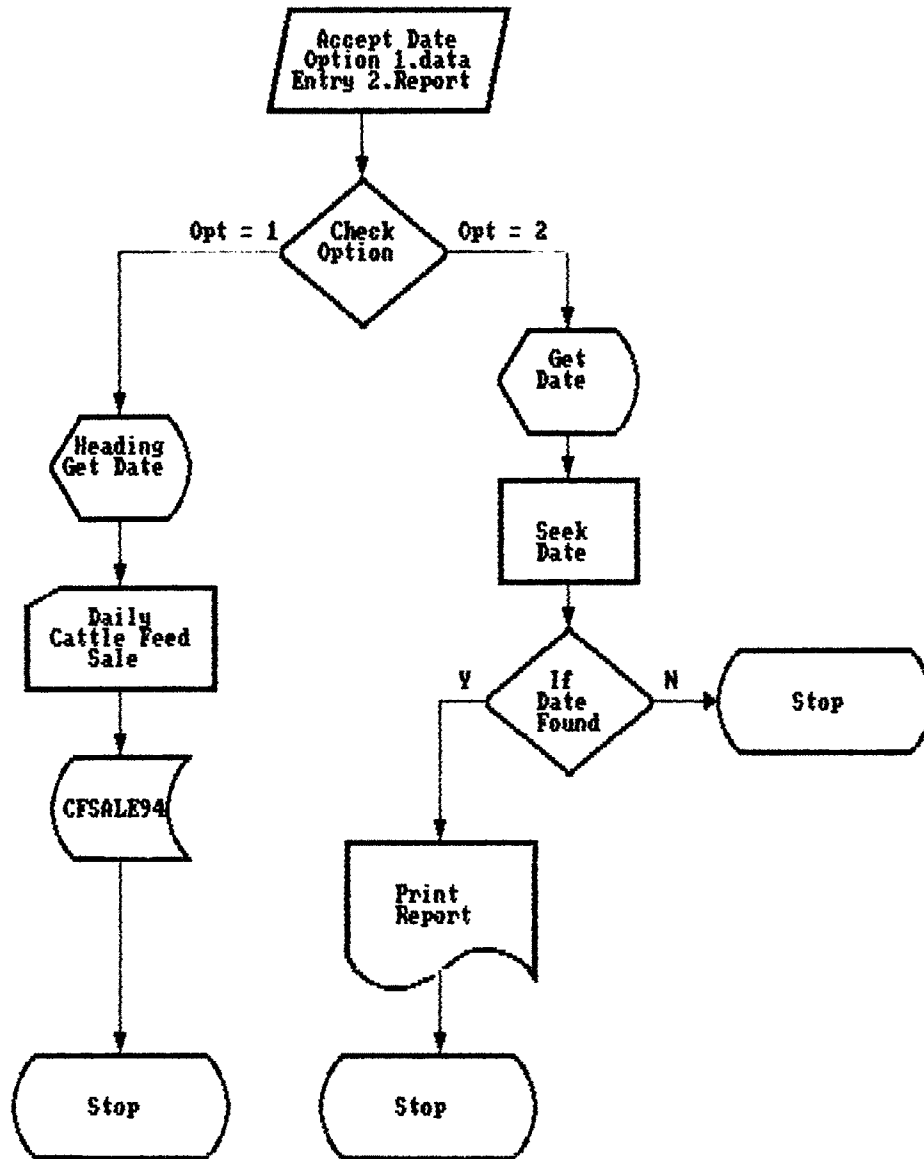
## MISD4.PRG

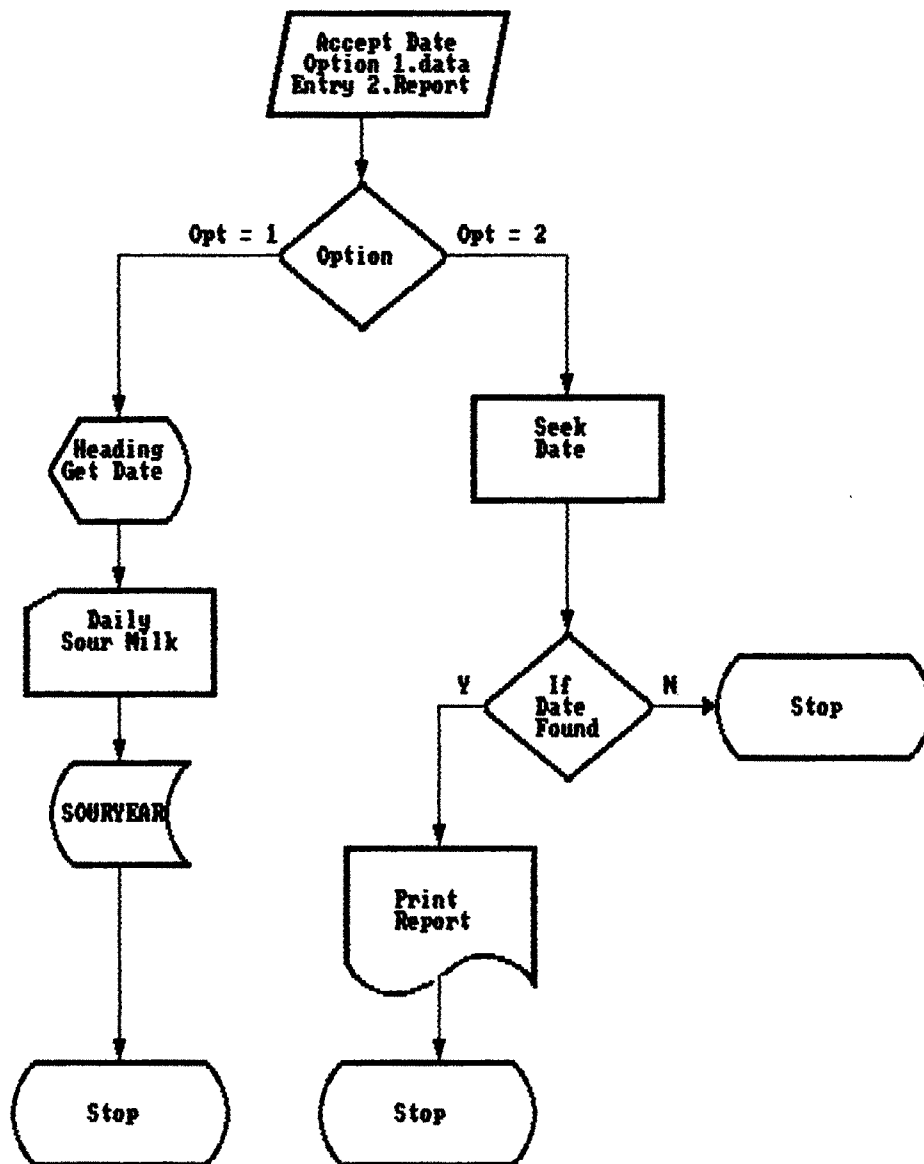


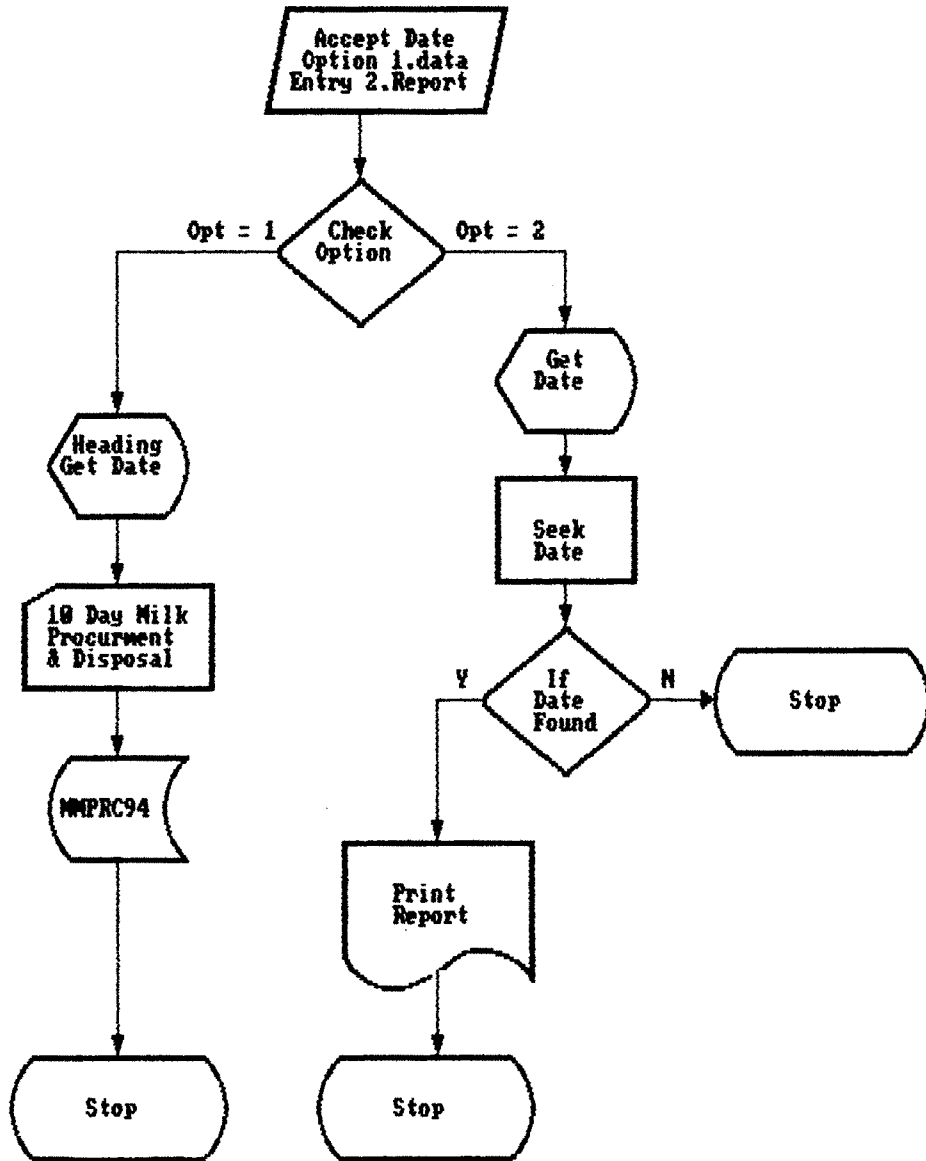




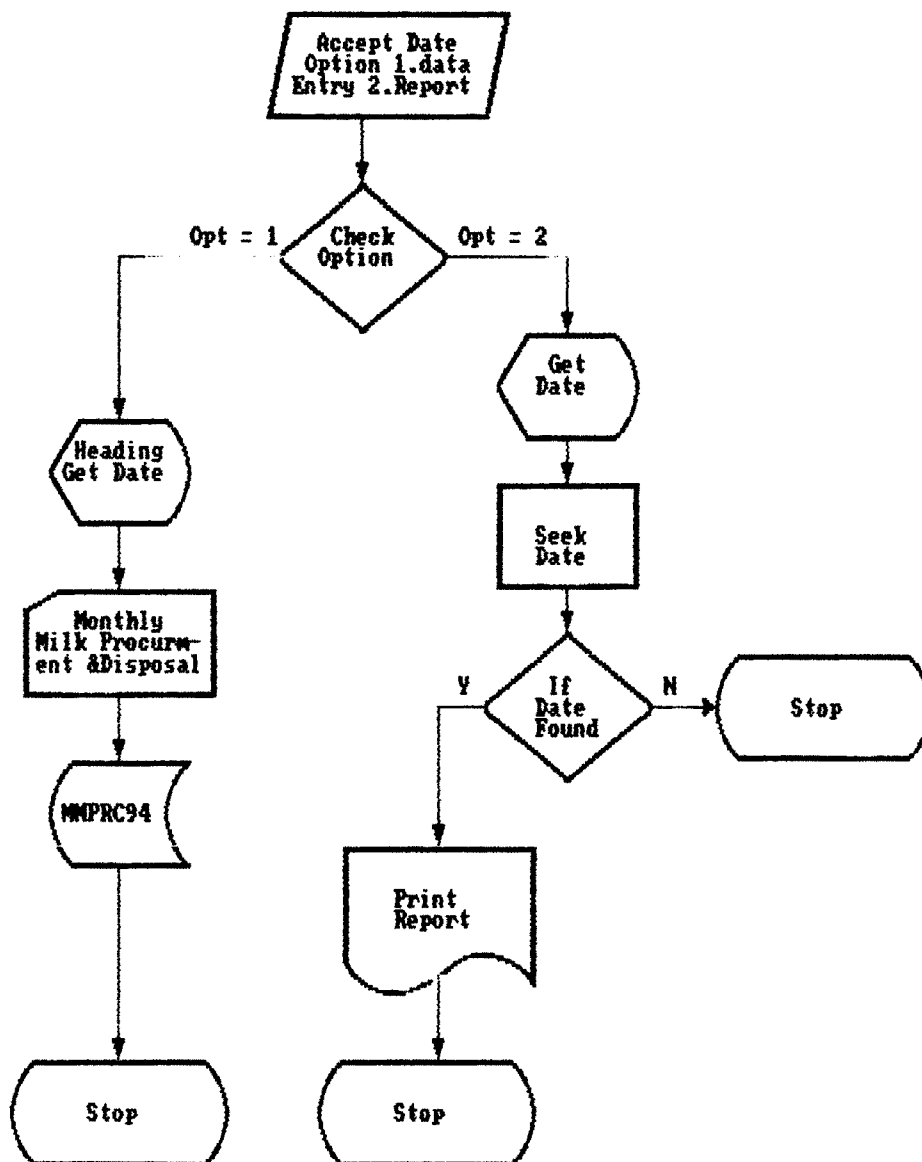
# MISD6.PRG



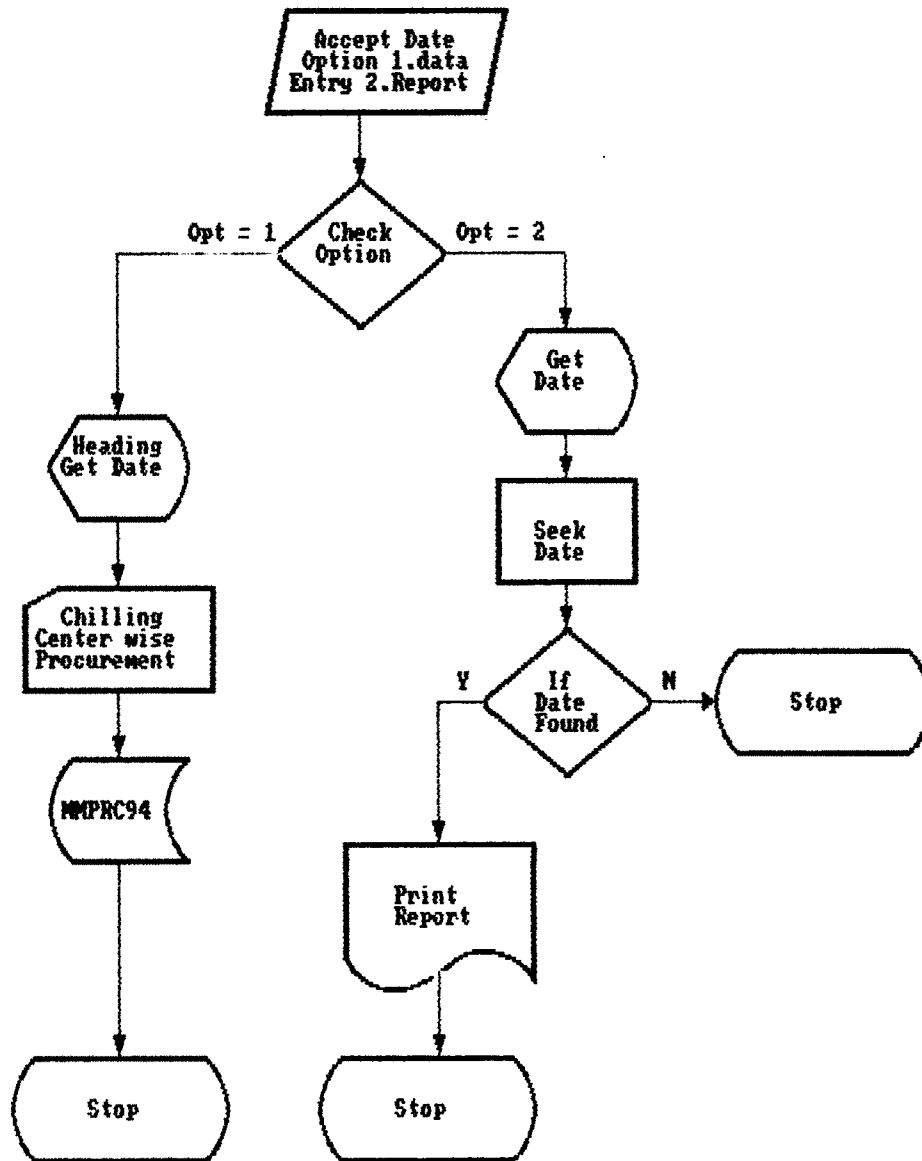




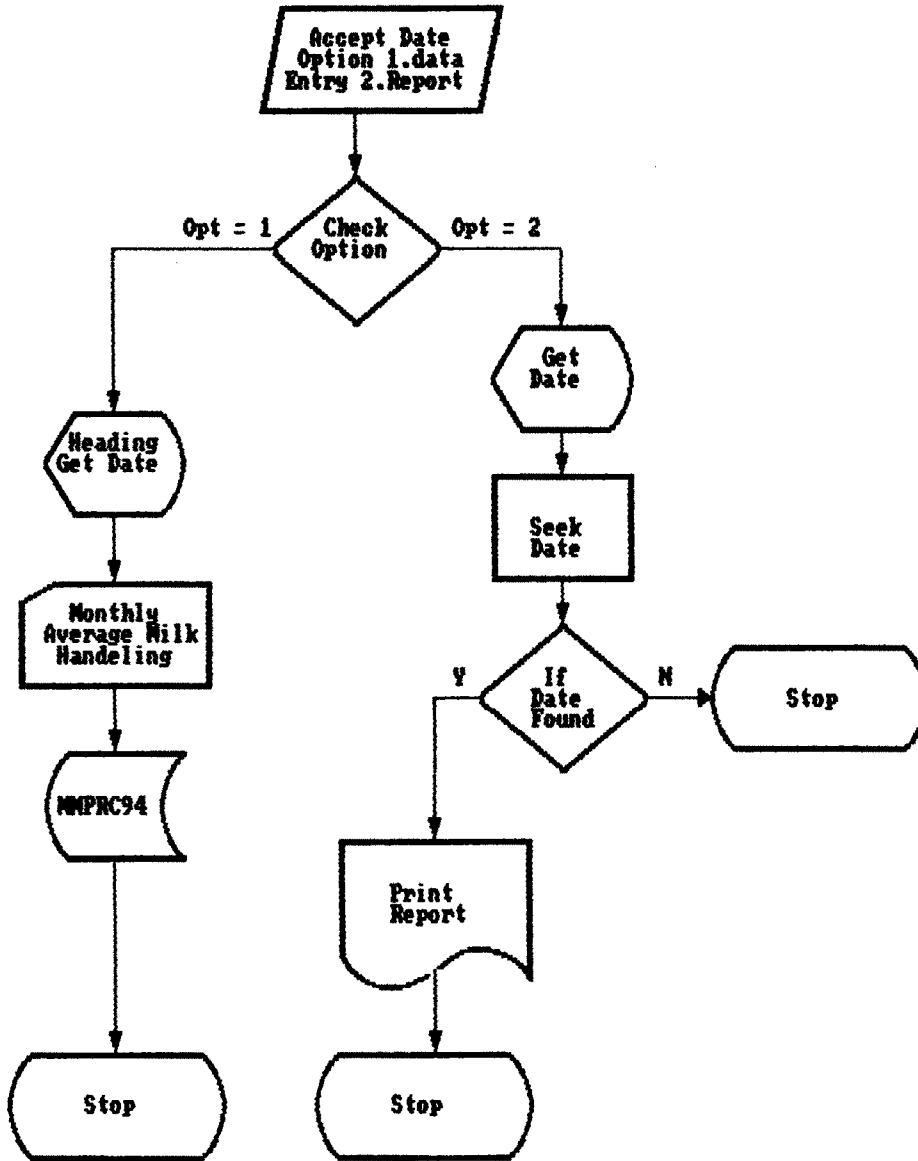
## MISM1.PRG



# MISM2.PRG



# MISM3.PRG



### 5.3 Program Algorithm

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Program Name : MISMENU.PRG

Purpose : Display main menu of MIS - Model.

#### Steps

1. Standard setting.
2. Get password.
3. If password is MIS or mis accept and continue otherwise get for times password and stop.
4. Check config.mis file if not found do set-up.
5. Recollect values form set-up file.
6. Store sub headings and main heading of menu.
7. Define row and column position for menu item.
8. Display menu and get row and column position.
9. Define option wise function to be expected.
10. Repeat step 8 and 9 till we enter Esc or Exit option of utility.
11. Stop.

Program Name : MISD1.PRG

Purpose : Data entry and printing of daily milk procurement and cattle feed production.

#### Steps

1. Accept date and option 1 for data entry and 2 for report printing.

2. If option is 1 follow step 3 to 5 till the end of job otherwise follow step 6 to 7 till the end of file.
3. Display headings of data required.
4. Accept Milk procured, Last year data and cattle feed production.
5. Replace accepted data in the file.
6. Get the data for given date from the file. Print details of milk collected cattle feed production. Here provision is made to accept last years data but it will be implemented after data feeding for previous year.
7. Stop the program

Program Name : MISD2.PRG

Purpose : Data entry and printing of daily milk procurement and disposal.

#### Steps

1. Accept year and option 1 for data entry and 2 for report printing.
2. If option is 1 follow step 3 to step 6 till end of job otherwise follow step 7 to 9 till end of file.
3. Display heads for milk procurement and disposal.
4. Accept date to be entered.
5. Get data for given date if exists display it on the screen otherwise accept the data from screen.
6. Store accepted data into file of the year.
7. Get date for which report is to be printed.



8. Check date in data base file. If found follow step 9 till end of the file.

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9. Print details of one date.

10. stop.

**Program Name : MISDSOUR.PRG**

**Purpose : Data entry and and report printing of daily sour milk.**

**Steps**

1. House keeping all settings
2. Get option 1 for data entry and 2 for report printing.
3. Select files required.
4. If option is 1 follow step 5 to 9 till end of job otherwise follow step 10 to 12 till end of file and then step 13.
5. Define array to store filed headings, field name, picture, prevalidation function name and post validation function name for all the fields.
6. Display all the heading required.
7. Get date of which data to be entered.
8. Check given date in file if exists display the values and correct the same otherwise enter required values.
9. Store these values in the file.
10. Get date of which report is to be printed.

11. Check date in file if found print details in the required format.

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12. Close data

13. stop

**Program Name : MISD3.PRG**

**Purpose : Data entry and printing of daily milk and milk products report.**

**Steps**

1. Accept year and option 1. for data entry and 2. for report printing.
2. If option is 1 follow step 3 to 6 till end of job otherwise step 7 to 9 till end of file and then step 10.
3. Display heads on the screen required to enter data.
4. Accept date , group, subgroup , cow quantity, and buffalo quantity.
5. Store accepted data into year wise file.
6. stop entry when operator press Esc key.
7. Select required files.
8. Get date for which report is to be printed.
9. Get data of given date and print in required format.
10. stop the program.

**Program Name : MISD4.PRG**

**Purpose : Data entry and report printing of finished products godown.**

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**Steps**

1. Accept the year for which data is to be accessed.
2. Accept option 1. Data entry and 2. for report printing.
3. If option = 1 follow step 4 to 6 till end of job otherwise follow step 7 to 9 till end of file and then step 10.
4. Display heads to accept the required data.
5. Get the data about production, sale and quantity return to dairy about various products.
6. Store the accepted data in the file FPGyyyy - yyyy represents year.
7. Accept date for which report is to be printed.
8. Get data from the file for given date.
9. Print the details of date.
10. Stop.

**Program Name : MISD5.PRG**

**Purpose : Data entry and printing of daily milk sales except Bombay.**

**Steps**

1. Accept year, option 1. for data entry and 2 for printing.

2. If option = 1 follow steps 3 to 6 till end of job otherwise step 7 to 9 till end of file and then stop.
3. Display heads on the screen for milk sales data entry i.e. Group, Subgroup, cow milk and standard milk.
4. Accept date for which data is to be entered.
5. Check date in the data-base file if exists display and correct the values otherwise accept values for all the agents.
6. Store data of one date in to year file.
7. Get date for which report is to be printed.
8. Get data from year wise file for given date.
9. Print the details i.e. agent code, name cow milk, standard milk.
10. Stop.

Program Name : MISD6.PRG

Purpose : Data entry and report printing of daily cattle feed sales.

#### Steps

1. Accept year for which data is to be accessed.
2. Accept option 1 for data entry and 2 for report printing.
3. If option = 1 follow step 4 to 7 till end of job otherwise step 8 10 till end of file and then step 11.
4. Display heads i.e. Group, 1st, 2nd, 3rd shifts

5. Get date for which data is to be entered.
6. Check date in existing year file if found display the values and then correct the same if required otherwise enter values for given date. Accept the same values.
7. Store the above values in year wise CFSALEyyyy file.(yyyy represents year)
8. Accept date for which report is to be printed.
9. Get data i.e. Group, type cattle feed 1st, 2nd and 3rd shifts production for given date. If found in the file print in required format otherwise stop.
10. Skip record in the file.
11. Close data and stop.

**Program Name : MIS1ODAY.PRG**

**Purpose : Printing of ten days milk procurement and disposal report.**

**Steps**

1. House keeping. Select the files required.
2. Accept From and To date from console.
3. Repeat steps 3 to 6 twice.
4. Check date in file. If not found skip to next date.
5. Print details of one date .
6. Skip to next date.
7. close files.
8. stop.

**Program Name : MISM1.PRG**

**Purpose : Data entry and report printing of Monthly milk procurement, disposal, can handling and plant handling.**

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**Steps**

1. Accept year and option 1. for data entry and option 2 for report printing.
2. If option is 1 follow step 3 to 7 till end of the job otherwise follow step 8 to 11 till end of file and then step 12.
3. Get the month for which data entry is to be done.
4. Check date in file if found get data in the temporary file.
5. Display details in the format and correct if required.
6. Append record to main file.
7. Select files required for printing.
8. Get month for which details to be printed.
9. Get data of the given month if not found repeat the step 8.
10. Print details in required format
11. Close data.
12. Stop program.

Program Name : MISM2.PRG

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Purpose : Report printing of chilling centre wise milk procurement, plant handling excess and shortage report.

**Steps**

1. Get month no. e.g. 1- January, 2 - Feb.
2. Get year for which report is required.
3. Select files required for printing.
4. Check month in file if found follow step 5 till end of month's records otherwise step 7.
5. Print detail in the required format.
6. Skip record.
7. Close data.
8. Stop.

Program name : MISM3.PRG

Purpose : Data entry and report printing of monthly average milk handling.

**Steps**

1. Program house keeping - Define array to store month names, settings for date, delete status etc.
2. Get option for data entry or report printing.
3. Get year for which data is to accessed.
4. Create temporary file.

5. Select files required.
6. If selection is for data entry follow step 7 to 10 till end of job otherwise follow step 11 to 14 till end of file and then step 15.
7. Get month no. e.g. 1 January, 2 February etc.
8. Check month in data file. If not found copy records of given month in temporary file.
9. Display Values of one month on screen and correct or add the into the same.
10. Append the records from temporary file to main file.
11. Get month no for which report is to printed.
12. Get data of given month.
13. Print details in required format.
14. Close data.
15. Stop.



```

lic pass
stat off
talk off
dele on
date briti
-----*
          Model Developed By  Namdev A. Patil      *
          *
          Under Guidance of   Dr. R. V. Kulkarni   *
          *
          This is main menu program                *
-----*

password
!file("config.MIS")
  set_up()
if
tore from config.MIS additive
m_main
cedure m_main
a
_open()
cr()
  scoreboard off
  wrap on

lic arry1[7],arry2[1],arry3[4],arry4[2]

y1[1] ="MILK & C.F.  "
y1[2] ="MILK PROCU.  "
y1[3] ="DAIRY PROD.  "
y1[4] ="F.P.G. Rep.  "
y1[5] ="MILK SALES   "
y1[6] ="CAT.SALE     "
y1[7] ="SOUR MILK    "

y2[01]=" MILK PROCU.  "

y3[1] =" PROC.&DISPO  "
y3[2] =" CHILLING CN  "
y3[3] =" AV.MILK HAN  "
y3[4] =" YEARLY REPO  "

y4[1] ="Setup        "
y4[2] ="Exit         "

message to 24 center

scr()
while .t.
  @0, 0 to 2,79 double
  set color to
  @1, 05 prompt "  DAILY      "
  @1, 23 prompt "  10 DAYS   "
  @1, 42 prompt "  MONTHLY  "
  @1, 61 prompt "  Utilities  "
  u to main

  = "arry" + alltrim(str(main,1,0))
lastkey() = 27

```

```
close all
clea
quit
if
case
  case main = 0
    loop
  case main = 1
    row1 = 3
    col1 = 4
    row2 = 10
    col2 = 18
  case main = 2
    row1 = 3
    col1 = 22
    row2 = 5
    col2 = 36
  case main = 3
    row1 = 3
    col1 = 41
```

MISMENU.PRG

```

lic pass
stat off
talk off
dele on
date briti
-----*
          Model Developed By  Namdev A. Patil      *
          *
          Under Guidance of   Dr. R. V. Kulkarni   *
          *
          This is main menu program                *
-----*

password
!file("config.MIS")
  set_up()
if
!core from config.MIS additive
n_main
cedure m_main
a
  _open()
  or()
  scoreboard off
  wrap on

lic arry1[7],arry2[1],arry3[4],arry4[2]

v1[1] ="MILK & C.F.  "
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v1[5] ="MILK SALES   "
v1[6] ="CAT.SALE     "
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v3[1] =" PROC.&DISPO  "
v3[2] =" CHILLING CN  "
v3[3] =" AV.MILK HAN  "
v3[4] =" YEARLY REPO  "

v4[1] ="Setup        "
v4[2] ="Exit         "

message to 24 center

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  @1, 61 prompt "  Utilities  "
  J to main

= "arry" + alltrim(str(main,1,0))
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```

```

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case
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    loop
  case main = 1
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    col1 = 4
    row2 = 10
    col2 = 18
  case main = 2
    row1 = 3
    col1 = 22
    row2 = 5
    col2 = 36
  case main = 3
    row1 = 3
    col1 = 41
    row2 = 7
    col2 = 55
  case main = 4
    row1 = 3
    col1 = 60
    row2 = 6
    col2 = 74
case
save_scr = savescr(row1,col1-1,row2+1,col2+1)
while .t.
  @row1,col1-1 clear to row2+1,col2+1
  set color to /w/b,n/w
  @row1,col1-1 to row2+1,col2+1 doub
  set color to

  set color to /w/b,n/w
  subchoice = achoice(row1+1,col1,row2,col2,&fld)
  set color to

  save screen to scrn1
  restscreen(row1,col1-1,row2+1,col2+1,save_scr)

  if lastkey() = 4 .and. main <> 4
    keyboard chr(4)+chr(13)
    exit
  endif

  if lastkey()=4.and.main=4
    keyboard chr(4)
    exit
  endif

  if lastkey()=19.and.main<>1
    keyboard chr(19)+chr(13)
    exit
  endif

  if lastkey()=19.and.main=1
    keyboard chr(19)
    exit
  endif
endif

```

```

if lastkey()=27
  close all
  clea
  quit
endif
set color to
restore screen from scrn1
do case
  case main = 1
    do case
      case subchoice = 1
        D_MILK()
      case subchoice = 2
        MIS_D2()
      case subchoice = 3
        MIS_D3()
      case subchoice = 4
        MIS_D4()
      case subchoice = 5
        MIS_D5()
      case subchoice = 6
        MIS_D6()
      case subchoice = 7
        MIS_DS()
    endcase
  case main = 2
    do case
      case subchoice = 1
        MIS_10D()
    endcase
  case main = 3
    do case
      case subchoice = 1
        MIS_M1()
      case subchoice = 2
        MIS_M2()
      case subchoice = 3
        MIS_M3()
      case subchoice = 4
        MIS_YR()
    endcase
  case main = 4
    do case
      case subchoice = 1
        set_up()
      case subchoice = 2
        close all
        clea
        quit
    endcase
endcase
do
restore screen from scrn1
restore screen(row1,col1-1,row2+1,col2+1,save_scr)
do
||
end of m_main.prg
-----

```

```

cedure password
  ⑆
  re 1 to x
  re spac(4) to pass
  ⑆ 24 to 19,48 double
  , 26 say "Enter Password : "
  while !("&pass" = "MIS" .or."&pass" = "mis" .or. "&pass" = "999" .or. x=4)
    set consol off
    set color to W+/w ,W+/w,
    accept to pass
    x = x + 1
  do
  colo to
  "&pass" = "999" .or. x=4
    close all
    quit
  if
  ⑆ .t.
  -----
  ⑆ help
  ⑆ screen

Restore screen
  ⑆rn
  -----
  ⑆tion set_up
  -----
  ⑆l   = col()
  ⑆w   = row()
  _clr = setcolor()
  _scr = savescreen(0,0,24,79)
  ⑆file("config.mis")
  ⑆restore from config.mis addi
  ⑆
  ⑆store .f. to sys_clr
  ⑆store space(20) to sys_path
  ⑆store "9394" to sys_year
  ⑆store "9411" to sys_month
  if
  ⑆
  ⑆,05 to 18,74 doub
  ⑆,07 say "Use color Monitor ?"
  ⑆,07 say "Set path to "
  ⑆,07 say "Month of process YMMM"
  ⑆,07 say "Year Of Process YYYY"
  ⑆,50 get sys_clr pict "Y"
  ⑆,50 get sys_path
  ⑆,50 get sys_month      pict "@!"
  ⑆,50 get sys_year      pict "@!"
  ⑆
  ⑆e all like sys_* to config.mis
  colo to
  ⑆
  ⑆color(prv_clr)
  ⑆screen(0,0,24,79,prv_scr)
  ⑆row, p_col say ""
  ⑆rn .t.

  ⑆tion mis_fun
  ⑆l   = col()

```



```

█lk()
. t.
option d_milk
█***** shree Ram *****
Program for Data entry & Printing Daily Milk & Cattlefeed production *
Date - Written - 23/07/1994. *
Date - Compiled - 23/07/1994. *
█*****

stat off
talk off
dele on
date briti
date prv_clor,p_row,p_col,prv_scr
col = col()
row = row()
_clor = setcolor()
_scr = savescreen(0,0,24,79)
         ="i:\APPL\MIS\"
milkfl  = alltrim(way)+"DMCF9495"
_milkfl = alltrim(way)+"DMCF9394"

date=date()
re 0 to lct, pgno,srno,w_b_qty ,w_c_qty , w_qty
re 0 to W_B_PER, W_C_PER, W_T_PER

_rec=.t.
  = 1
date      = ctod(" / / ")
re 0 to w_gob_qty, w_goc_qty ,w_bb_qty, w_bc_qty ,w_gdb_qty, w_gdc_qty, w_go_qty
re 0 to w_bc_diff , w_c_diff
re 0 to w_palate_p, w_mash_p, w_palate_s,w_mash_s, w_b_tot, w_c_tot, w_b_diff

<.N.
"n"
9
,3 to 24, 65
colo to w+
,5 say "Data Entry For Daily Milk Collection & Cattle Feed"
colo to
,5 say "Milk File....." get d_milkfl
,5 say "Last Year Milk File....." get d_l_milkfl
,5 say "1. For Addition/Correction"
,5 say "2. Printing The Report....." get opt
]
opt = 2
  @16, 5 say "Date For Report....." get w_date
  @18, 5 say "Run Date      ...." get r_date
  @20, 5 say "Direct O/P to printer ....." get prt pict "Y"
  read
if
screen
*** Select all the I/O files required *****
  5 say "Indexing Master Files "

e 0
&d_milkfl alias d_milk
ex on d_date to &d_milkfl
inde to &d_milkfl

```



```

* 0
&d_l_milkfl alias d_l_milk
ex on d_date to &d_l_milkfl
inde to &d_l_milkfl

5 say "
opt = 1
clea
@02,15 say '***** Daily milk Collection & C.F. Data Entry *****'
@04,05 say 'Date [ / / ]'
@05,05 say 'Gokul Buff. Milk [ . ]'
@06,05 say 'Gokul Cow Milk [ . ]'
@07,05 say 'Boravade Buff. Milk [ . ]'
@08,05 say 'Boravade Cow Milk [ . ]'
@09,05 say 'Gad. C.C. Buff. Milk [ . ]'
@10,05 say 'Gad. C.C. Cow Milk [ . ]'
@11,05 say 'Last Year Buff. Milk [ . ]'
@12,05 say 'Last Year Cow Milk [ . ]'
@13,05 say 'Pallet Production [ . ]'
@14,05 say 'Pallet Sales [ . ]'
@15,05 say 'Mash Production [ . ]'
@16,05 say 'Mash Sales [ . ]'
@17,05 say 'Are you sure <Y/N/E> [ ]'
do while lower(yn) # "e"
  w_date = ctod(" / / ")
  stor 0 to w_gob_qty, w_goc_qty, w_bb_qty, w_bc_qty, w_gdb_qty, w_l_buf
  stor 0 to w_palate_p, w_mash_p, w_palate_s, w_mash_s, w_gdc_qty, w_l_cow
  @04, 27 get w_Date
  read
  sele d_milk
  seek w_date
  if found()
    add_rec=.f.
    w_gob_qty = d_gob_qty
    w_goc_qty = d_goc_qty
    w_bb_qty = d_bb_qty
    w_bc_qty = d_bc_qty
    w_gdb_qty = d_gdb_qty
    w_gdc_qty = d_gdc_qty
    w_palate_p = d_palate_p
    w_mash_p = d_mash_p
    w_palate_s = d_palate_s
    w_mash_s = d_mash_s

    sele d_l_milk
    seek w_date
    if found()
      w_l_buf = d_b_qty
      w_l_cow = d_c_qty
    endi
  else
    add_rec=.t.
  endi
  @05,27 get w_gob_qty pict "9999999999.99"
  @06,27 get w_goc_qty pict "9999999999.99"
  @07,27 get w_bb_qty pict "9999999999.99"
  @08,27 get w_bc_qty pict "9999999999.99"
  @09,27 get w_gdb_qty pict "9999999999.99"
  @10,27 get w_gdc_qty pict "9999999999.99"
  @11,27 get w_l_buf pict "9999999999.99"
  @12,27 get w_l_cow pict "9999999999.99"

```

```

mp_cow_1 with tmp->mp_cow_1;
mp_code with tmp->mp_code ;;
rec_no with rec

```

```

endif
sele tmp
skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----
Function appe_recs1      && append rec to tmp file from master
*-----

```

```

set dele off
sele tmp
go top
sele mst
go top
do while .not. eof()
  sele tmp
  appe blan
  repl mp_gr_1 with mst->mc_group,;
  mp_sub_gr1 with mst->mc_sub_gr,;
  mp_date with dt,;
  mp_code with mst->mc_code
  sele mst
  skip
enddo
set dele on
return .t.

```

```

*-----
function curks      && To display name
*-----

```

```

sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

```

```

*-----
function mheads
*

```

```

set devi to print
lct=0
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.","+";
      " KOLHAPUR"+CHR(18)
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.","+";
      " KOLHAPUR"+CHR(18)
lct+=2
@lct,10 say "BORAVDE / GADHINGLAJ / KOLHAPUR  TOTAL SOUR MILK PROCUREMENT AND"+;
      " DISPOSAL REPORT   DATE :"+tran(dt,"@")
@++lct, 0 say dash_ln
*      12345678901234567890 123456789.1 123456789.1 123456789.1 123456789.1 123456789.1 123456789.1
89.1
@++lct, 0 say "      MILK PROC.DETAIL      |BUFF.MILKICOW MILK |TOT.MILK |   MILK"+;
      " DISPO. DETAIL      |BUFF.MILKICOW MILK |TOT.MILK | REMARK"
@++lct, 0 say dash_ln
Retu .t.

```

```

mis_d3()
retu .t.
function mis_d3
***** shree Ram *****
* Program for Data entry & Printing Daily Milk & Milk production *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,add_mst

ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd., Kolhapur."
*stor 0 to mp_group, mp_sub_gr, mp_date, mp_buf, mp_cow
store 0 to rec_no, lct
dline=repl("-",79)
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt = ctod(" / / ") && document date
dly = 0.5 && delay in seconds
try = 1 && no of tries
rec = 0 && record no required for deletion of records
key=date()
*
if sys_clr
    dmast = "g+/bg" && for display color
    lmast = "gr+/b" && for light bar color
    gmast = "g+/rb" && for get color
    ms = "w+/g" && main menu display color
    me = "gr+/b" && main menu light bar color
else
    dmast = "w/n" && for display color
    lmast = "w+/w" && for light bar color
    gmast = "n/w" && for get color
    ms = "n/w" && main menu Display color
    me = "w/n" && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)

opt=0
cyear="9495"
CLEA

```

```

@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"

read
fnm="MILK"+cyear
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from milkstru
endif
use
*get_pass()

mpl_use("0","milkprd",.f., "mst",dly,try,"")
sele mst
index on str(mc_group,1)+str(mc_sub_gr,2) to milkprd
set index to milkprd

mpl_use("0",&fnm",.f., "trn",dly,try,"")
flashout("Indexing Transaction")
sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnm()                && for temp file name
sele 0
crea &fx from milkstru
use
mpl_use("0",&fx",.T., "tmp",dly,try,"")
sele tmp
index on str(mp_group,1)+str(mp_sub_gr,2) to &fx
set index to &fx

if opt = 1
    ***** For Data Entry
    private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
    decl hldg[04], fld[04], pic[04], pre[04], val[04]
    decl  cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

    hldg[01] = "Group"
    fld[01]  = "mp_group"
    pic[01]  = "#"
    pre[01]  = ".t."
    val[01]  = "get_gr()"

    hldg[02] = "Sub Gr"
    fld[02]  = "mp_sub_gr"
    pic[02]  = "##"
    pre[02]  = ".t."
    val[02]  = "code_chk()"

    hldg[03] = "B/M"
    fld[03]  = "mp_buf"

```

```
pic[03] = "#####.#"
pre[03] = ".t."
val[03] = ".t."
```

```
hldg[04] = "C/M"
fld[04] = "mp_cow"
pic[04] = "#####.#"
pre[04] = ".t."
val[04] = ".t."
```

```
*-----Cursor function & its key values
```

```
cuf[1] = "curkeys3()"
cuk[1] = 24
```

```
*
cuf[2] = "curkeys3()"
cuk[2] = 5
```

```
*
cuf[3] = "curkeys3()"
cuk[3] = 18
```

```
*
cuf[4] = "curkeys3()"
cuk[4] = 3
```

```
*
cuf[5] = "curkeys3()"
cuk[5] = 31
```

```
*
cuf[6] = "curkeys3()"
cuk[6] = 30
```

```
kfun[1]="copy_ext()"  && Key Function & its key value
kval[1]= -30
```

```
*----- Fix field and fix value for that field
```

```
*-----
clear screen
```

```
 curs_stat(.t.)
```

```
@1,0 to 3,79
```

```
@ 1,(80 - len(tt1))/2 say tt1
```

```
@2,2 say " Date :"
```

```
set cursor on
```

```
do while .t.
```

```
    flashout("")
```

```
    @2,10 get dt          pict "@D" valid !empty(dt)
```

```
    read
```

```
*    if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear,2))
```

```
*        cryout("Date is not of Current year")
```

```
*        loop
```

```
*    endif
```

```
        if empty(dt) .or. lastkey() = 27
```

```
            exit
```

```
        endif
```

```
        key=dt
```

```
        sele trn
```

```
        seek key
```

```
        if !found()
```

```
            FLASHout("New Date addition ...Do You Want to Add<Y/N>")
```

```
            del_ans='y'
```

```
            @0,48 get del_ans
```

```
            read
```

```
            if lower(del_ans) = 'n'
```

```
                ringbell()
```

```

        loop
    endif
    FLASHout("Do You want to add Codes from Master ")
    add_ans='n'
    @0,48 get add_ans
    read
    if lower(add_ans)="y"
        sele mst
        go top
        do while !eof()
            sele tmp
            appe blank
            repl mp_group    with mst->mc_group,;
                mp_sub_gr   with mst->mc_sub_gr,;
                mp_date     with dt
            sele mst
            skip
            if mo_group > 3
                exit
            endif
        enddo
    endif
else
    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/ ")
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            flashout("Deleting All records of route
                dele_rec()                && deletion of
            ringbell()
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
endif
set dele on
sele tmp
if lower(add_ans)#"y"
    copy_rec()                && copies record to
endif
go top
set color to
set excl on
do while .t.
    set curs on
addvewedt(05,10,23,70,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.)
    ok_tot = .f.
    get_tot3()
    *   if ok_tot
        *   exit
    endif
enddo

```

```

        set excl off
            appe_rec()
        sele trn
        commit
    enddo
unlock all
close data
fx = "&fx"+"dbf"
erase &fx

fx = "&fx"+"ntx"
erase &fx
else
*** For printing
clear screen
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
set print to misd3.txt
do while .t.
    set devi to screen
    @2,10 get dt      pict "@D" valid !empty(dt)
    read
    if empty(dt) .or. lastkey() = 27
        exit
    endif
    set devi to print
    key=dt
    copy_rec()
    sele tmp
    head3()
    gr_sr=0
    do while !eof()
        prv_gr=mp_group
        @lct, 0 say conv_num(prv_gr)
        sele mst
        seek str(tmp->mp_group,1)+str(0,2)
        if found()
            @lct, 4 say mc_desc
            @lct, 4 say mc_desc
        endif
        lct=lct + 2
        sele tmp
        skip
        store 0 to srno, cm_tot, bm_tot, cm_op, bm_op
        do while prv_gr=mp_group.and.mp_date=key.and.!eof()
            set devi to scree
            @10, 10 say mp_group
            set devi to print
            if !(mp_group=2.and.mp_sub_gr=4)
                @lct, 0 say ++srno pict "@Z ##"
                sele mst
                seek str(tmp->mp_group,1)+str(tmp->mp_sub_gr,2)
                if found()
                    @lct, 4 say mc_desc
                endif
            endif
            sele tmp
            @lct, 35 say tran(mp_cow,"@Z ##,##,##,###.#")+ " "+;
                tran(mp_buf,"@Z ##,##,##,###.#")+ " "+;

```



```

                                tran(mp_cow+mp_buf,"@Z ##,##,##,###.#")
        lct = lct + 2
    endif
    if (mp_group=1.and.mp_sub_gr=1).or.(mp_group=2.and.mp_sub_gr
        cm_op =mp_cow
        bm_op =mp_buf
    else
        cm_tot +=mp_cow
        bm_tot +=mp_buf
    endif
    sele tmp
    skip
enddo
@lct, 4 say "Total"
@lct, 35 say tran(cm_tot,"@Z ##,##,##,###.#")+ " "+;
        tran(bm_tot,"@Z ##,##,##,###.#")+ " "+;
        tran(cm_tot+bm_tot,"@Z ##,##,##,###.#")

lct = lct + 1
if prv_gr = 1
    @lct, 4 say "Grand Total"
    @lct, 35 say tran(cm_op+cm_tot,"@Z ##,##,##,###.#")+ " "+;
        tran(bm_op+bm_tot,"@Z ##,##,##,###.#")+ " "+;
        tran(cm_op+bm_op+cm_tot+bm_tot,"@Z ##,##,##,###.#")

else
    if prv_gr = 2
        @lct, 4 say "Others "
        @lct, 35 say tran(cm_op,"@Z ##,##,##,###.#")+ " "+;
            tran(bm_op,"@Z ##,##,##,###.#")+ " "+;
            tran(cm_op+bm_op,"@Z ##,##,##,###.#")

        lct = lct + 1
        @lct, 4 say "Grand Total"
        @lct, 35 say tran(cm_op+cm_tot,"@Z ##,##,##,###.#")+ " "+;
            tran(bm_op+bm_tot,"@Z ##,##,##,###.#")+ " "+;
            tran(cm_op+bm_op+cm_tot+bm_tot,"@Z ##,##,##,###.#")

    endif
endif
lct = lct + 1
@lct, 0 say dline
lct = lct + 1
if prv_gr = 3
    exit
endif
enddo
eject
enddo

endif

clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
*
return .t.
*****
Function qty_chk3          && quantity check while get
*****
private code,qty
code = readvar()

```

```

qty = &code
if qty = 0 .or. qty < 0
  cryout("Invalid Quantity.....")
  inkey(0)
  @ 0,0 clea to 0,79
  return .f.
endif
return .t.

```

```

*****
Function get_gr          && Get Group Code
*****
private code
code = readvar()
code = &code
if code=0
  @4, 30 say "Code Should not be zero"
  retu .f.
endif
tmp_gr=code
retu .t.
*****

```

```

Function code_chk       && Display Group Name
*****
private code
code = readvar()
code = &code
sele tmp
seek str(tmp_gr,1)+str(code,2)
if found()
  @4, 30 say "Code Already Exist Can't Add"
  retu .f.
endif
if code=0
  @4, 30 say "Code Should not be zero"
  retu .f.
endif
sele mst
seek str(tmp_gr,1)+str(code,2)
if !found()
  @4, 30 say "Code not found in master ..."
  sele tmp
  retu .f.
else
  @4, 30 say mst->mc_desc
  sele tmp
  retu .t.
endif
retu .t.

```

```

*-----
Function tempnm        && temp file name
*-----
private i,fname
i = 01
do while .T.
  fname = "milktmp" + strzero(i,2) + ".dbf"
  if file("&fname")
    i = i + 1
  else
    exit
  endif
endif

```

```
enddo
return left(fname,6)
```

```
*-----
Function copy_rec    && copies record to temp for editing
*-----
```

```
sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_group    with trn->mp_group,;
    mp_sub_gr       with trn->mp_sub_gr,;
    mp_date         with trn->mp_date,;
    mp_buf          with trn->mp_buf,;
    mp_cow          with trn->mp_cow,;
    rec_no          with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.
```

```
*-----
Function del_rec3    && deletes Full
*-----
```

```
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.
```

```
*-----
Function get_tot3    && Routewise Total
*-----
```

```
set dele off
sele tmp
go top
stor 0 to mt_cow, mt_buf, gt_cow, gt_buf
if mp_group=1.and.mp_sub_gr=1
    gt_buf = mp_buf
    gt_cow = mp_cow
    skip
endif
do while .not. eof()
    if deleted()
        skip
        loop
    
```

```

endif
stor 0 to mt_cow, mt_buf
prv_gr = mp_group
do while mp_group = prv_gr .and. !eof()
  mt_cow = mt_cow + mp_cow
  mt_buf = mt_buf + mp_buf
  sele tmp
  skip
enddo
@20+prv_gr, 10 say "Total "+tran(mt_buf, "@Z #####.#")+ " ";
                    tran(mt_cow, "@Z #####.#")
enddo
sele tmp
go top
set dele on
return .t.

```

```

*-----*
Function appe_rec          && append rec to bom file from temp
*-----*

```

```

set dele off
sele tmp
go top
srno = 0
do while .not. eof()
  if deleted()
    sele trn
    mpl_delete(dly,try,tmp->rec_no)
  else
    if tmp->rec_no = 0
      sele trn
      mpl_append(dly,try)
    else
      sele trn
      go tmp->rec_no
      mpl_rlock(dly,try)
    endif
    repl mp_group    with tmp->mp_group,;
      mp_sub_gr     with tmp->mp_sub_gr,;
      mp_date       with dt,;
      mp_buf        with tmp->mp_buf,;
      mp_cow        with tmp->mp_cow

    endif
    sele tmp
    skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----*
FUNCTION curkeys3          && To display name of parent drawing
*-----*

```

```

sele mst
seek str(trn->mp_group,1)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.
*-----*

```



```

mis_d4()
retu .t.
function mis_d4
***** shree Ram *****
* Program for Data entry & Printing Daily Milk Products *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,app_ans,lct
stor 0 to mp_gr, mp_sub_gr, mp_date, rec_no,opt
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt = ctod(" / / ") && document date
kl = ctod(" / / ") && document date
dly = 0.5 && delay in seconds
try = 1 && no of tries
rec = 0 && record no required for deletion of records
key=date()
*
if sys_clr
    dmast = "g+/bg" && for display color
    lmast = "gr+/b" && for light bar color
    gmast = "g+/rb" && for get color
    ms = "w+/g" && main menu display color
    me = "gr+/b" && main menu light bar color
else
    dmast = "W/n" && for display color
    lmast = "w+/w" && for light bar color
    gmast = "n/w" && for get color
    ms = "n+/W" && main menu Display color
    me = "n/W" && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="9495"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"

```

```

read
fnm="FPG"+CYEAR
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from FPGstru
endif
use
private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[05], fld[05], pic[05], pre[05], val[05]
decl cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","FPGMST",.f., "mst",dly,try,"")
sele mst
index on str(mc_group,2)+str(mc_sub_gr,2) to fpg
set index to fpg

mpl_use("0",&fnm",.f., "trn",dly,try,"")
flashout("Indexing Transaction")

sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnm4()                && for temp file name
sele 0
crea &fx from fpgstru
use
mpl_use("0",&fx",.T., "tmp",dly,try,"")

sele tmp
index on mp_date to &fx
set index to &fx

hldg[01] = "Group"
fld[01]  = "mp_gr"
pic[01]  = "#"
pre[01]  = ".t."
val[01]  = "get_gr14()"

hldg[02] = "Sub Gr"
fld[02]  = "mp_sub_gr"
pic[02]  = "##"
pre[02]  = ".t."
val[02]  = "code_chk14()"

hldg[03] = "PRODUCED"
fld[03]  = "mp_prod"
pic[03]  = "#####.#"
pre[03]  = ".t."
val[03]  = ".t."

hldg[04] = "SALES"
fld[04]  = "mp_sales"
pic[04]  = "#####.#"
pre[04]  = ".t."
val[04]  = ".t."

```

```

hldg[05] = "TO DAIRY"
fld[05] = "mp_dairy"
pic[05] = "#####.#"
pre[05] = ".t."
val[05] = ".t."

```

\*-----Cursor function & its key values

```

cuf[1] = "curkeys4()"
cuk[1] = 24
*
cuf[2] = "curkeys4()"
cuk[2] = 5
*
cuf[3] = "curkeys4()"
cuk[3] = 18
*
cuf[4] = "curkeys4()"
cuk[4] = 3
*
cuf[5] = "curkeys4()"
cuk[5] = 31
*
cuf[6] = "curkeys4()"
cuk[6] = 30
*

```

```

kfun[1] = "copy_ext()" && Key Function & its key value
kval[1] = -30

```

\*----- Fix field and fix value for that field  
\*  
\*-----

```

sele tmp
zap

```

```

clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
stor 0 to mp_gr, mp_sub_gr, mp_date, mp_prod, mp_sales,mp_close,rec_no,tmp_gr
if opt=1
do while .t.
  flashout("")
  @2,10 get dt          pict "@D" valid !empty(dt)
  read
  *   if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear
  *       cryout("Date is not of Current year")
  *           loop
  *   endif
  if empty(dt) .or. lastkey() = 27
    exit
  endif
  key=dt
  sele trn
  seek key
  if !found()

```



```

read
if lower(del_ans) = 'y'
  flashout("Do You Want to Add All Master Codes.... <Y/N>")
  app_ans='y'
  @0,48 get app_ans
  read
  if lower(app_ans) = 'y'
    cryout("Appending All Masters Code.....Pl.Wait")
    appe_recs1()
    flashout("Appending Over")
    flashout("")
  endif
endif
if lower(del_ans) = 'n'
  ringbell()
  loop
endif
else
  if .not. mpl_rlock(dly,try)
    loop
  endif
  del_ans='m'
  flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
  @0,45 get del_ans
  read
  if lower(del_ans) = 'e'
    ringbell()
    loop
  else
    if lower(del_ans)='d'
      cryout("Deleting All records of route ")
      del_recs()
      loop
    else
      flashout("Editing Existing Route .....")
    endif
  endif
  sele tmp
  copy_recs()
endif
set dele on
set color to
set excl on

do while .t.
  sele tmp
  go top
@ 23,00 say "PROC/DISP CODE -- Procument Milk -> I & Disposal Milk ->0 "
  set curs on
advvewedt(05,00,20,70,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.,3,3,"&dmast",
al Data Entry", ".t.", ".t.")
  ok_tot = .f.
  *get_tots()
  if lastkey() = 27
    exit
  endif
enddo
set excl off
appe_recs()
sele trn
commit
enddo

```

```

unlock all
close data
fx = "&fx"+">.dbf"
erase &fx

fx = "&fx"+">.ntx"
erase &fx

clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
endi

if opt=2
clear screen
fx = tempnms1()                && for temp file name
sele 0
crea &fx from mpdtstru
use
mpl_use("0",> "&fx",.T.,"tmp1",dly,try,"")

sele tmp1
zap

ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
stor 0 to mp_gr_1, mp_sub_gr1,mp_date, mp_buf_1, mp_cow_1,g_buf_cow
stor 0 to rec_no,tmp_gr,prv_gr_1,tmp_gr_1,tmp_gr_3,prv_code,g_buf,g_cow
@2,10 get dt          pict "@0" valid !empty(dt)
read
key=dt
sele trn
seek key
if found()
prv_code=trn->mp_code
else
cryout("Invalid Date")
inkey(0)
endif
stor 0 to s_buf,s_cow, s_bc_tot, so_buf,so_cow , so_bc_tot, c_buf
stor 0 to t_buf,t_cow,t_bc_tot, c_cow, c_bc_tot
do while prv_code=trn->mp_code .and. !eof()
clea
sele trn
stor 0 to prv_gr_1,prv_gr_2,w_buf ,w_cow, w_bc_tot
@12,12 say prv_code
sele trn
tmp_gr_1=trn->mp_gr_1
prv_gr_1=trn->mp_gr_1
desg=spac(40)
do while tmp_gr_1=mp_gr_1 .and. !eof()
sele mst
go top
seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)

```

```

if found()
  desg=left(mst->mc_desc,30)
endi
sele tmp1
appe blan
repl mp_gr_1 with prv_gr_1 ,;
  mp_desg_1 with desg ,;
  mp_buf_1 with trn->mp_buf_1 ,;
  mp_cow_1 with trn->mp_cow_1 ,;
  mp_tot1 with mp_buf_1+mp_cow_1
sele trn
if mp_gr_1=2 .and. (mp_sub_gr1=1 .or.mp_sub_gr1=4 .or.;
  mp_sub_gr1=7) .and. mp_code$"Ii"
  t_buf += trn->mp_buf_1
  t_cow += trn->mp_cow_1
  t_bc_tot += trn->mp_buf_1 + trn->mp_cow_1

  s_buf += trn->mp_buf_1
  s_cow += trn->mp_cow_1
  s_bc_tot += trn->mp_buf_1 + trn->mp_cow_1
endif
if mp_gr_1=2 .and. (mp_sub_gr1=2 .or.mp_sub_gr1=5 .or.;
  mp_sub_gr1=8) .and. mp_code$"Ii"
  t_buf += trn->mp_buf_1
  t_cow += trn->mp_cow_1
  t_bc_tot += trn->mp_buf_1 + trn->mp_cow_1

  so_buf +=trn->mp_buf_1
  so_cow +=trn->mp_cow_1
  so_bc_tot +=trn->mp_buf_1 +trn->mp_cow_1
endif
if mp_gr_1=2 .and. (mp_sub_gr1=3 .or.mp_sub_gr1=6 .or.;
  mp_sub_gr1=9) .and. mp_code$"Ii"

  t_buf += trn->mp_buf_1
  t_cow += trn->mp_cow_1
  t_bc_tot += trn->mp_buf_1 + trn->mp_cow_1

  c_buf += trn->mp_buf_1
  c_cow += trn->mp_cow_1
  c_bc_tot += trn->mp_buf_1 +trn->mp_cow_1
endif
endi

if prv_gr_1=tmp_gr_1
  prv_gr_1=0
endif

w_buf += trn->mp_buf_1
w_cow += trn->mp_cow_1
g_buf += trn->mp_buf_1
g_cow += trn->mp_cow_1
g_buf_cow += trn->mp_buf_1 + trn->mp_cow_1
sele trn
if mp_gr_1=2 .and. mp_sub_gr1=3 .and. mp_code$"Ii"
  sele tmp1
  appe blan
  repl mp_desg_1 with " TOTAL -" ,;
    mp_buf_1 with w_buf,;
    mp_cow_1 with w_cow,;
    mp_tot1 with w_buf+w_cow

```

```

        appe blan
        stor 0 to w_buf, w_cow
    endi
    sele trn
    if mp_gr_1=2 .and. mp_sub_gr1=6 .and. mp_code$"Ii"
        sele tmp1
        appe blan
        appe blan
        repl mp_desg_1 with "        TOTAL  -" ,;
        mp_buf_1 with w_buf,;
        mp_cow_1 with w_cow,;
        mp_tot1 with w_buf+W_cow
        appe blan
        stor 0 to w_buf, w_cow
    endi
    sele trn
    if mp_gr_1=2 .and. mp_sub_gr1=9 .and. mp_code$"Ii"
        sele tmp1
        appe blan
        appe blan
        repl mp_desg_1 with "        TOTAL  -" ,;
        mp_buf_1 with w_buf,;
        mp_cow_1 with w_cow,;
        mp_tot1 with w_buf+W_cow
        appe blan
        w_buf=0
        w_cow=0
    endi
    sele trn
    skip
enddo
if tmp_gr_1=1 .and. trn->mp_code$"Ii"
    sele tmp1
    appe blan
    appe blan
    repl mp_desg_1 with "        TOTAL  -" ,;
    mp_buf_1 with w_buf,;
    mp_cow_1 with w_cow,;
    mp_tot1 with w_buf+W_cow
    appe blan
    w_buf=0
    w_cow=0
enddo
sele tmp1
appe blan
appe blan
repl mp_desg_1 with "        TOTAL  - Sangh " ,;
mp_buf_1 with s_buf,;
mp_cow_1 with s_cow,;
mp_tot1 with s_buf+s_cow
appe blan

repl mp_desg_1 with "                - Society " ,;
mp_buf_1 with so_buf,;
mp_cow_1 with so_cow,;
mp_tot1 with so_buf+so_cow
appe blan

repl mp_desg_1 with "                - Contractor " ,;
mp_buf_1 with c_buf,;

```

```

    mp_cow_1 with c_cow,;
    mp_tot1  with c_buf+c_cow

sele tmp1
appe blan
repl mp_desg_1 with "          - Total " ,;
    mp_buf_1 with t_buf,;
    mp_cow_1 with t_cow,;
    mp_tot1 with t_cow+t_buf
sele tmp1
appe blan
appe blan
repl mp_desg_1 with "3 GRAND TOTAL (1+2)" ,;
    mp_buf_1 with g_buf,;
    mp_cow_1 with g_cow,;
    mp_tot1 with g_cow+g_buf
    appe blan
    stor 0 to g_buf,g_cow, g_buf_cow
sele trn
prv_code=trn->mp_code
sele tmp1
go top
do while prv_code=trn->mp_code .and. !eof()
    prv_gr_1=0
    prv_gr_2=0
    sele trn
    tmp_gr_1=trn->mp_gr_1
    prv_gr_1=trn->mp_gr_1
    desg=spac(40)
    stor 0 to w_buf,w_cow
    do while tmp_gr_1=trn->mp_gr_1 .and. !eof()
        sele tmp1
        if eof()
            appe blan
        endi
        sele mst
        go top
        seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)
        if found()
            desg=left(mst->mc_desc,30)
        endi
        sele tmp1
        repl mp_gr_2  with prv_gr_1          ,;
            mp_desg_2 with desg             ,;
            mp_buf_2  with trn->mp_buf_1    ,;
            mp_cow_2  with trn->mp_cow_1    ,;
            mp_tot2   with trn->mp_buf_1+trn->mp_cow_1

            w_buf      += trn->mp_buf_1
            w_cow      += trn->mp_cow_1

            g_buf      += trn->mp_buf_1
            g_cow      += trn->mp_cow_1
            g_buf_cow += trn->mp_buf_1+trn->mp_cow_1
            skip 2
        endi
        sele trn
        skip
        if prv_gr_1=tmp_gr_1
            prv_gr_1=0
        endif
    enddo
enddo

```

```

    if tmp_gr_1 >= 1  && 2
      sele tmp1
      skip
      repl mp_desg_2 with "TOTAL" ,;
      mp_cow_2 with w_cow,;
      mp_buf_2 with w_buf,;
      mp_tot2 with w_buf+w_cow
      **skip 2
      skip 1
    endif
  enddo
sele tmp1
skip 2
repl mp_desg_2 with "4 GRAND TOTAL (1 TO 3)" ,;
  mp_buf_2 with g_buf,;
  mp_cow_2 with g_cow,;
  mp_tot2 with g_buf_cow
flashout("")
dash_ln=repl("-",133)
set prin to misdsour.txt
set devi to prin
mheads()
sele tmp1
go top
do while !eof()
  sele tmp1
  @++lct,00 say tran(mp_GR_1,"@Z ##")+ " "+tran(left(mp_desg_1,27),"@!").
  tran(mp_buf_1,"@Z #####.#")+ "|" +tran(mp_cow_1,"@Z #####.
  "|"+tran(mp_tot1,"@Z #####.#")+ "|" +tran(MP_gr_2,"@Z #>
  tran(left(mp_desg_2,27),"@!")+ "|" +;
  tran(mp_buf_2,"@Z #####.#")+ "|" +tran(mp_cow_2,"@Z #####.
  "|"+tran(mp_tot2,"@Z #####.#")+ "|"
  skip
enddo
endif
@++lct, 0 say dash_ln
lct+=2
@++lct, 33 say "Prepared By Asst. General Manager"
@ lct, 33 say "Prepared By Asst. General Manager"
close all
set devi to screen
return .t.
*****
Function get_chks && quantity check while get
*****
private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
  cryout("Invalid Quantity.....")
  inkey(1)
  flashout("")
  return .f.
endif
return .t.
*****
Function get_grs && Get Group Code
*****
private code1
code1 = readvar()

```

```

code1 = &code1
if code1=0
    cryout("Code Should not be zero")
    inkey(0.2)
    retu .f.
endif
tmp_gr1=code1
retu .t.

*****
Function get_grs2          && Get Group Code
*****

private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.
*****

Function code_chks1      && Display Group Name
*****

private code1
code1 = readvar()
code1 = &code1
if code1=spac(1)
    cryout("Code Should not be space")
    inkey(1)
    flashout("")
    retu .f.
endif
sele mst
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)
    flashout("")
    sele tmp
    retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.
endif
sele tmp
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif
retu .t.
*-----
Function tempnms          && temp file name
*-----

private i,fname
i = 01
do while .T.
    fname = "McTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else

```

```

        exit
    endif
enddo
return left(fname,6)

```

```

*-----
Function tempnms1    && temp file name
*-----

```

```

private i,fname
i = 01
do while .T.
    fname = "DTTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)

```

```

*-----
Function copy_recs    && copies record to temp for editing
*-----

```

```

sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_gr_1      with trn->mp_gr_1,;
      mp_sub_gr1     with trn->mp_sub_gr1,;
      mp_code        with trn->mp_code,;
      mp_date        with trn->mp_date,;
      mp_buf_1       with trn->mp_buf_1,;
      mp_cow_1       with trn->mp_cow_1,;
      rec_no         with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function del_recs
*-----

```

```

sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off

```



return .t.

```
*-----  
Function get_tots          && Routewise Total  
*-----
```

```
set dele off  
sele tmp  
go top  
stor 0 to mt_cow, mt_buf  
  
do while .not. eof()  
    if deleted()  
        skip  
        loop  
    endif  
    stor 0 to mt_cow1, mt_buf1, mt_cow2, mt_buf2  
    do while mp_gr_1 # 7 .and. pm_gr_2 #13 .and. !eof()  
        mt_cow1 += mp_cow_1  
        mt_buf1 += mp_buf_1  
        mt_cow2 += mp_cow_2  
        mt_buf2 += mp_buf_2  
    sele tmp  
    skip  
    enddo  
    @16, 5 say "MILK PROC. TOTAL   BUF QTY.           COW QTY."  
    @17, 23 say +tran(mt_BUF1, "@Z #####.#")+ "      "+"  
    tran(mt_COW1, "@Z #####.#")  
    @19, 5 say "MILK DISP. TOTAL BUFF. QTY.         COW QTY."  
    @20, 23 say +tran(mt_BUF2, "@Z #####.#")+ "      "+"  
    tran(mt_COW2, "@Z #####.#")  
enddo  
sele tmp  
go top  
set dele on  
return .t.
```

```
*-----  
Function appe_recs        && append rec to trn file from temp  
*-----
```

```
set dele off  
sele tmp  
go top  
srno = 0  
do while .not. eof()  
    if deleted()  
        sele trn  
        mpl_delete(dly, try, tmp->rec_no)  
    else  
        if tmp->rec_no = 0  
            sele trn  
            mpl_append(dly, try)  
        else  
            sele trn  
            go tmp->rec_no  
            mpl_rlock(dly, try)  
        endif  
        sele trn  
        repl mp_gr_1      with tmp->mp_gr_1,;  
            mp_sub_gr1    with tmp->mp_sub_gr1,;  
            mp_date       with dt,;  
            mp_buf_1     with tmp->mp_buf_1,;
```

```
pre[04] = ".t."
val[04] = ".t."
```

```
hldg[05] = "COW MILK"
fld[05] = "mp_cow_1"
pic[05] = "#####.#"
pre[05] = ".t."
val[05] = ".t."
```

```
*-----Cursor function & its key values
```

```
cuf[1] = "curks()"
cuk[1] = 24
```

```
*
```

```
cuf[2] = "curks()"
cuk[2] = 5
```

```
*
```

```
cuf[3] = "curks()"
cuk[3] = 18
```

```
*
```

```
cuf[4] = "curks()"
cuk[4] = 3
```

```
*
```

```
cuf[5] = "curks()"
cuk[5] = 31
```

```
*
```

```
cuf[6] = "curks()"
cuk[6] = 30
```

```
*
```

```
kfun[1] = "copy_ext()" && Key Function & its key value
kval[1] = -30
```

```
*----- Fix field and fix value for that field
```

```
*
```

```
*-----
```

```
clear screen
```

```
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
```

```
 curs_stat(.t.)
```

```
@1,0 to 3,79
```

```
@1,(80 - len(ttl))/2 say ttl
```

```
@2,2 say " Date :"
```

```
set cursor on
```

```
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,tmp_gr
```

```
if opt=1
```

```
  do while .t.
```

```
    flashout("")
```

```
    @2,10 get dt      pict "@0" valid !empty(dt)
```

```
    read
```

```
    *   if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cye-
```

```
    *       cryout("Date is not of Current year")
```

```
    *           loop
```

```
    *   endif
```

```
    if empty(dt) .or. lastkey() = 27
```

```
      exit
```

```
    endif
```

```
    key=dt
```

```
    sele trn
```

```
    seek key
```

```
    if !found()
```

```
      flashout("New Date addition ...Do You Want to Add<Y/N>")
```

```
      del_ans='y'
```

```
      @0,48 get del_ans
```

```

read

fnm="SOUR"+CYEAR
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from sourstru
endif
use
*get_pass()

private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[05], fld[05], pic[05], pre[05], val[05]
decl  cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","sourmst",.f.,"mst",dly,try,"")
sele mst
index on mc_code+str(mc_group,2)+str(mc_sub_gr,2) to sour
set index to sour

mpl_use("0",&fnm",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")
sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnms()                && for temp file name
sele 0
crea &fx from sourstru
use
mpl_use("0",&fx",.T.,"tmp",dly,try,"")

sele tmp
index on mp_code+str(mp_gr_1,2)+str(mp_sub_gr1,2) to &fx
set index to &fx

hldg[01] = "Group"
fld[01]  = "mp_gr_1"
pic[01]  = "##"
pre[01]  = ".t."
val[01]  = "get_grs()"

hldg[02] = "Sub Gr"
fld[02]  = "mp_sub_gr1"
pic[02]  = "##"
pre[02]  = ".t."
val[02]  = ".t."

hldg[03] = "PROC/DISP. CODE"
fld[03]  = "mp_code"
pic[03]  = "@!"
pre[03]  = ".t."
val[03]  = "code_chks1()"

hldg[04] = "BUFF. MILK"
fld[04]  = "mp_buf_1"
pic[04]  = "#####.#"

```

MISDSOUR.PRG

```

mis_dS()
retu .t.
function mis_dS
***** shree Ram *****
* Program for Data entry & Printing Daily Sour Milk Procurment & Uses *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,app_ans,lct

stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,opt
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt      = ctod("  /  /  ")  && document date
dly     = 0.5                && delay in seconds
try     = 1                  && no of tries
rec     = 0                  && record no required for deletion of records
key=date()
*
if sys_clr
    dmast = "g+/bg"          && for display color
    lmast = "gr+/b"         && for light bar color
    gmast = "g+/rb"        && for get color
    ms    = "w+/g"         && main menu display color
    me    = "gr+/b"        && main menu light bar color
else
    dmast = "w/n"           && for display color
    lmast = "w+/w"         && for light bar color
    gmast = "n/w"          && for get color
    ms    = "n+/w"         && main menu Display color
    me    = "n/w"          && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1,fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="9495"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"

```

```

*-----
function curkeys      && To display name
*-----
sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

*-----
function mhead
*-----
set devi to print
lct=0
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+
          " KOLHAPUR"+CHR(18)
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+
          " KOLHAPUR"+CHR(18)

lct+=2
@lct,15 say "BORAVDE / GADHINGLAJ / KOLHAPUR  TOTAL MILK PROCURMENT AND"+;
          " DISPOSAL REPORT      DATE :"+tran(dt,"@D")
@++lct, 0 say dash_ln
*          12345678901234567890 123456789.1 123456789.1 123456789.1 1234567
89.1
@++lct, 0 say "      MILK PROC.DETAIL          | BUFF.MILK | COW MILK  | TOT.MIL█
          "      MILK DISPO. DETAIL          | BUFF.MILK | COW MILK  | TOT.MIL█
@++lct, 0 say dash_ln
Retu .t.

```

return .t.

```
*-----  
Function appe_rec1          && append rec to trn file from temp  
*-----
```

```
set dele off  
sele tmp  
go top  
srno = 0  
do while .not. eof()  
    if deleted()  
        sele trn  
        mpl_delete(dly,try,tmp->rec_no)  
    else  
        if tmp->rec_no = 0  
            sele trn  
            mpl_append(dly,try)  
        else  
            sele trn  
            go tmp->rec_no  
            mpl_rlock(dly,try)  
        endif  
        sele trn  
        repl mp_gr_1      with tmp->mp_gr_1,;  
          mp_sub_gr1    with tmp->mp_sub_gr1,;  
          mp_date       with dt,;  
          mp_buf_1     with tmp->mp_buf_1,;  
          mp_cow_1     with tmp->mp_cow_1,;  
          mp_code      with tmp->mp_code ,;  
          rec_no       with rec  
    endif  
    sele tmp  
    skip  
enddo  
unlock  
sele tmp  
zap  
set dele on  
return .t.
```

```
*-----  
Function appe_rec12        && append rec to tmp file from master  
*-----
```

```
set dele off  
sele tmp  
go top  
sele mst  
go top  
do while .not. eof()  
    sele tmp  
    appe blan  
    repl mp_gr_1      with mst->mc_group,;  
      mp_sub_gr1    with mst->mc_sub_gr,;  
      mp_date       with dt,;  
      mp_code      with mst->mc_code  
    sele mst  
    skip  
enddo  
set dele on  
return .t.
```

```

        mp_code      with trn->mp_code,;
        mp_date      with trn->mp_date,;
        mp_buf_1     with trn->mp_buf_1,;
        mp_cow_1     with trn->mp_cow_1,;
        rec_no       with rec

```

```

    sele trn
    skip

```

```

enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function dele_rec      && deletes Full
*-----

```

```

sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.

```

```

*-----
Function get_tot      && Routewise Total
*-----

```

```

set dele off
sele tmp
go top
stor 0 to mt_cow, mt_buf

```

```

do while .not. eof()
    if deleted()
        skip
        loop
    endif
    stor 0 to mt_cow1, mt_buf1, mt_cow2, mt_buf2
    do while mp_gr_1 # 7 .and. pm_gr_2 #13 .and. !eof()
        mt_cow1 += mp_cow_1
        mt_buf1 += mp_buf_1
        mt_cow2 += mp_cow_2
        mt_buf2 += mp_buf_2
    
```

```

    sele tmp
    skip
enddo

```

```

@16, 5 say "MILK PROC. TOTAL   BUF QTY.           COW  QTY."
@17, 23 say tran(mt_BUF1, "@Z #####.#")+      "+;"
           tran(mt_COW1, "@Z #####.#")
@19, 5 say "MILK DISP. TOTAL BUFF. QTY.         COW  QTY."
@20, 23 say tran(mt_BUF2, "@Z #####.#")+      "+;"
           tran(mt_COW2, "@Z #####.#")

```

```

enddo
sele tmp
go top
set dele on

```

```

        flashout("")
        sele tmp
        retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.
endif
sele tmp
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif
retu .t.
*-----
Function tempnm2      && temp file name
*-----
private i,fname
i = 01
do while .T.
    fname = "McTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)
*-----
Function tempnm12     && temp file name
*-----
private i,fname
i = 01
do while .T.
    fname = "DTTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)
*-----
Function copy_rec2    && copies record to temp for editing
*-----
sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_gr_1      with trn->mp_gr_1,;
        mp_sub_gr1 with trn->mp_sub_gr1,;

```



```

close all
set devi to screen
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
*****
Function qty_chk2          && quantity check while get
*****

private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
    cryout("Invalid Quantity.....")
    inkey(1)
    flashout("")
    return .f.
endif
return .t.

*****
Function get_gr12         && Get Group Code
*****

private code1
code1 = readvar()
code1 = &code1
if code1=0
    cryout("Code Should not be zero")
    inkey(0.2)
    retu .f.
endif
tmp_gr1=code1
retu .t.

*****
Function get_gr22        && Get Group Code
*****

private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.

*****
Function code_chk12      && Display Group Name
*****

private code1
code1 = readvar()
code1 = &code1
if code1=spac(1)
    cryout("Code Should not be space")
    inkey(1)
    flashout("")
    retu .f.
endif
sele mst
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)

```

```

        if tmp_gr_1 = 4 .and. trn->mp_code$"0o"
            sele tmp1
            skip
            repl mp_desg_2 with "***** TOTAL *****" ,;
            mp_cow_2 with w_cow,;
            mp_buf_2 with w_buf,;
            mp_tot2 with w_buf+w_cow
            skip 1
            skip 2
        endif

        if tmp_gr_1 >=9 .and. trn->mp_code$"0o"
            sele tmp1
            skip
            repl mp_desg_2 with "***** TOTAL *****" ,;
            mp_cow_2 with w_cow,;
            mp_buf_2 with w_buf,;
            mp_tot2 with w_buf+w_cow
            skip
            skip 2
        endif
    enddo
sele tmp1
***** skip
repl mp_desg_2 with "***** TOTAL *****" ,;
mp_cow_2 with w_cow,;
mp_buf_2 with w_buf,;
mp_tot2 with w_buf+w_cow
***** skip 1
skip 2
sele tmp1
repl mp_desg_2 with "***** TOTAL ( 1 TO 13 )" ,;
mp_buf_2 with g_buf,;
mp_cow_2 with g_cow,;
mp_tot2 with g_buf_cow
flashout("")
dash_ln=repl("-",133)
mon=strzero(day(dt),2)
mon=alltrim(mon)
set prin to "mis"+mon+".txt"
set devi to prin
mhead()
sele tmp1
go top
do while !eof()
    sele tmp1
    @++lct,00 say tran(mp_GR_1,"@Z ##")+ " "+tran(left(mp_desg_1,27),"@!
        tran(mp_buf_1,"@Z #####.#")+ "|"+;
        tran(mp_cow_1,"@Z #####.#")+ "|"+;
        tran(mp_tot1,"@Z #####.#")+ "|"+;
        tran(MP_gr_2,"@Z ##")+ " "+tran(left(mp_desg_2,27),"@!
        tran(mp_buf_2,"@Z #####.#")+ "|"+;
        tran(mp_cow_2,"@Z #####.#")+ "|"+;
        tran(mp_tot2,"@Z #####.#")

        skip
    enddo
endif
@++lct, 0 say dash_ln
lct+=2
@++lct, 33 say "Prepared By
@ lct, 33 say "Prepared By

```

Asst. General Manager"  
Asst. General Manager"

```

        mp_cow_1 with g_cow ,;
        mp_tot1 with g_buf_cow
        appe blan
    stor 0 to g_buf,g_cow, g_buf_cow
    endi
enddo
stor 0 to g_buf,g_cow, g_buf_cow

sele trn
prv_code=trn->mp_code
sele tmp1
go top
do while prv_code=trn->mp_code .and. !eof()
    prv_gr_1=0
    prv_gr_2=0
    sele trn
    tmp_gr_1=trn->mp_gr_1
    prv_gr_1=trn->mp_gr_1
    desg=spac(40)
    stor 0 to w_buf,w_cow
    do while tmp_gr_1=trn->mp_gr_1 .and. !eof()
        sele tmp1
        if eof()
            appe blan
        endi
        sele mst
        go top
        seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)
        if found()
            desg=left(mst->mc_desc,30)
        endi
        sele tmp1
        repl mp_gr_2 with prv_gr_1 ,;
          mp_desg_2 with desg ,;
          mp_buf_2 with trn->mp_buf_1 ,;
          mp_cow_2 with trn->mp_cow_1 ,;
          mp_tot2 with trn->mp_buf_1+trn->mp_cow_1
          skip
          w_buf += trn->mp_buf_1
          w_cow += trn->mp_cow_1

          g_buf += trn->mp_buf_1
          g_cow += trn->mp_cow_1
          g_buf_cow += trn->mp_buf_1+trn->mp_cow_1
        sele trn
        skip
        if prv_gr_1=tmp_gr_1
            prv_gr_1=0
        endif
    enddo
enddo

if tmp_gr_1 = 3 .and. trn->mp_codes$"0o"
    sele tmp1
    skip
    *****
    repl mp_desg_2 with "***** TOTAL *****" ,;
      mp_cow_2 with w_cow,;
      mp_buf_2 with w_buf,;
      mp_tot2 with w_buf+w_cow
    *****
    skip 1
    skip 2
endif

```

```

        desg=left(mst->mc_desc,30)
    endi
    sele tmp1
    appe blan
    repl mp_gr_1    with prv_gr_1      ,;
      mp_desg_1    with desg          ,;
      mp_buf_1     with trn->mp_buf_1 ,;
      mp_cow_1     with trn->mp_cow_1 ,;
      mp_tot1     with mp_buf_1+mp_cow_1
    if prv_gr_1=tmp_gr_1
      prv_gr_1=0
    endif
    w_buf      += mp_buf_1
    w_cow      += mp_cow_1
    sele trn
    if mp_gr_1= 6 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
      g_buf      -= mp_buf_1
      g_cow      -= mp_cow_1
      g_buf_cow -= mp_buf_1 + mp_cow_1
      sele trn
    else
      g_buf      += mp_buf_1
      g_cow      += mp_cow_1
      g_buf_cow += mp_buf_1 + mp_cow_1
      sele trn
    endif

    if mp_gr_1=2 .and. mp_sub_gr1=3 .and. mp_code$"Ii"
      sele tmp1
      appe blan
      repl mp_desg_1 with "***** TOTAL *****" ,;
        mp_buf_1    with w_buf,;
        mp_cow_1    with w_cow,;
        mp_tot1    with w_buf+w_cow
      appe blan
    endi

    sele trn
    skip
  enddo
  sele trn
  if trn->mp_gr_1=7 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
    sele tmp1
    appe blan
  else
    sele tmp1
    appe blan
    *
    repl mp_desg_1 with "***** TOTAL *****" ,;
      mp_buf_1 with w_buf,;
      mp_cow_1 with w_cow,;
      mp_tot1 with w_cow+w_buf
    appe blan
    sele trn
  endif
  sele trn
  if trn->mp_gr_1=7 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
    sele tmp1
    appe blan
    repl mp_desg_1 with "***** TOTAL ( 1+2+3+4+5-6 )" ,;
      mp_buf_1 with g_buf ,;

```

```

unlock all
close data
fx = "&fx"+"&fx".dbf"
erase &fx

fx = "&fx"+"&fx".ntx"
erase &fx
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
retu .t.
endi
if opt=2
clear screen
fx = tempnm12()                && for temp file name
sele 0
crea &fx from mpdtstru
use
mpl_use("0",&fx",.T.,"tmp1",dly,try,"")

sele tmp1
zap

ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say "  Date :"
set cursor on
stor 0 to mp_gr_1, mp_sub_gr1,mp_date, mp_buf_1, mp_cow_1,g_buf_cow
stor 0 to rec_no,tmp_gr,prv_gr_1,tmp_gr_1,tmp_gr_3,prv_code,g_buf,g_cow
@2,10 get dt          pict "@D" valid !empty(dt)
read
key=dt
sele trn
seek key
if found()
    prv_code=trn->mp_code
else
    cryout("Invalid Date")
endif
do while prv_code=trn->mp_code .and. !eof()
    clea
    sele trn
    prv_gr_1=0
    prv_gr_2=0
    @12,12 say prv_code
    sele trn
    tmp_gr_1=trn->mp_gr_1
    prv_gr_1=trn->mp_gr_1
    desg=spac(40)
    w_buf      = 0
    w_cow      = 0
    w_bc_tot   = 0
    do while tmp_gr_1=mp_gr_1 .and. !eof()
        sele mst
        go top
        seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)
        if found()

```

```

read
if lower(del_ans) = 'y'
    flashout("Do You Want to Add All Master Codes.... <Y/N>")
    app_ans='y'
    @0,48 get app_ans
    read
    if lower(app_ans) = 'y'
        cryout("Appending All Masters Code.....Pl.Wait")
        appe_rec12()
        flashout("Appending Over")
        flashout("")
    endif
endif
if lower(del_ans) = 'n'
    ringbell()
loop
endif
else
if .not. mpl_rlock(dly,try)
loop
endif
del_ans='m'
flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
@0,45 get del_ans
read
if lower(del_ans) = 'e'
    ringbell()
loop
else
if lower(del_ans)='d'
    cryout("Deleting All records of route ")
    dele_rec()          && deletion of Full
loop
else
    flashout("Editing Existing Route .....")
endif
endif
sele tmp
copy_rec2()          && copies record to temp for editing
endif
set dele on
set color to
set excl on

do while .t.
    sele tmp
    go top
    @ 23,00 say "PROC/DISP CODE -- Procument Milk -> I & Disposal
    set curs on
    addvewedt(05,00,20,70,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t
t & Disposal Data Entry",".t.",".t.")
    ok_tot = .f.
    *get_tot()
    if lastkey() = 27
        exit
    endif
enddo
set excl off
appe_rec1()
sele trn
commit
enddo

```

```
pre[04] = ".t."
val[04] = ".t."
```

```
hldg[05] = "COW MILK"
fld[05] = "mp_cow_1"
pic[05] = "#####.#"
pre[05] = ".t."
val[05] = ".t."
```

```
*-----Curssor function & its key values
```

```
cuf[1] = "curkeys()"
cuk[1] = 24
```

```
*
cuf[2] = "curkeys()"
cuk[2] = 5
```

```
*
cuf[3] = "curkeys()"
cuk[3] = 18
```

```
*
cuf[4] = "curkeys()"
cuk[4] = 3
```

```
*
cuf[5] = "curkeys()"
cuk[5] = 31
```

```
*
cuf[6] = "curkeys()"
cuk[6] = 30
```

```
*
kfun[1] = "copy_ext()" && Key Function & its key value
kval[1] = -30
```

```
*----- Fix field and fix value for that field
```

```
*
*-----
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,tmp_gr
if opt=1
do while .t.
flashout("")
@2,10 get dt pict "@D" valid !empty(dt)
read
* if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear,2))
* cryout("Date is not of Current year")
* loop
* endif
if empty(dt) .or. lastkey() = 27
exit
endif
key=dt
sele trn
seek key
if !found()
flashout("New Date addition ...Do You Want to Add<Y/N>")
del_ans='y'
@0,48 get del_ans
```

```

read

fnm="MPRC"+cyear
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from mprostru
endif
use
*get_pass()

private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[05], fld[05], pic[05], pre[05], val[05]
decl  cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","milkprc",.f.,"mst",dly,try,"")
sele mst
index on mc_code+str(mc_group,2)+str(mc_sub_gr,2) to milkprc
set index to milkprc

mpl_use("0",&fnm",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")
sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnm2()                && for temp file name
sele 0
crea &fx from mprostru
use
mpl_use("0",&fx",.T.,"tmp",dly,try,"")

sele tmp
index on mp_code+str(mp_gr_1,2)+str(mp_sub_gr1,2) to &fx
set index to &fx

hldg[01] = "Group"
fld[01]  = "mp_gr_1"
pic[01]  = "##"
pre[01]  = ".t."
val[01]  = "get_gr12()"

hldg[02] = "Sub Gr"
fld[02]  = "mp_sub_gr1"
pic[02]  = "##"
pre[02]  = ".t."
val[02]  = ".t."

hldg[03] = "PROC/DISP. CODE"
fld[03]  = "mp_code"
pic[03]  = "@!"
pre[03]  = ".t."
val[03]  = "code_chk12()"

hldg[04] = "BUFF. MILK"
fld[04]  = "mp_buf_1"
pic[04]  = "#####.#"

```



MISD2.PRG

```

mis_d2()
retu .t.
function mis_d2
***** shree Ram *****
* Program for Data entry & Printing Daily Milk PROCURMENT & Disposal *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,app_ans,lct

stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,opt
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt      = ctod(" / / ")  && document date
dly     = 0.5             && delay in seconds
try     = 1               && no of tries
rec     = 0               && record no required for deletion of records
key=date()
*
if sys_clr
    dmast = "g+/bg"      && for display color
    lmast = "gr+/b"      && for light bar color
    gmast = "g+/rb"      && for get color
    ms    = "w+/g"       && main menu display color
    me    = "gr+/b"      && main menu light bar color
else
    dmast = "w/n"        && for display color
    lmast = "w+/w"       && for light bar color
    gmast = "n/w"        && for get color
    ms    = "n+/W"       && main menu Display color
    me    = "n/W"        && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2,mon
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="9495"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"

```

```
      "      COW MILK      TOTAL MILK"  
@++lct, 0 say dash_ln  
Retu .t.
```

```

@13,27 get w_palate_P pict "9999999999.999"
@14,27 get w_Palate_S pict "9999999999.999"
@15,27 get w_mash_P pict "9999999999.999"
@16,27 get w_mash_s pict "9999999999.999"
@17,27 get yn
read
if lower(yn)$"ye"
    if add_rec
        sele d_milk
        appe blank
        repl d_date with w_date
    endi
    sele d_milk
    repl d_gob_qty with w_gob_qty,;
    d_goc_qty with w_goc_qty,;
    d_bb_qty with w_bb_qty,;
    d_bc_qty with w_bc_qty,;
    d_gdb_qty with w_gdb_qty,;
    d_gdc_qty with w_gdc_qty,;
    d_palate_p with w_palate_p,;
    d_mash_p with w_mash_p,;
    d_palate_s with w_palate_s,;
    d_mash_s with w_mash_s
    sele d_l_milk
    seek w_date
    if !found()
        appe blan
        repl d_date with w_date
    endi
    repl d_b_qty with w_l_buf,;
    d_c_qty with w_l_cow
endif
enddo
close all
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
retu .t.
else
sele d_milk
seek w_date
if found()
    w_gob_qty = d_gob_qty
    w_goc_qty = d_goc_qty
    w_bb_qty = d_bb_qty
    w_bc_qty = d_bc_qty
    w_gdb_qty = d_gdb_qty
    w_gdc_qty = d_gdc_qty
    w_palate_p = d_palate_p
    w_mash_p = d_mash_p
    w_palate_s = d_palate_s
    w_mash_s = d_mash_s
endif
dash_ln = repl("-",85)
dash_ln1= repl("-",79)
co_nm ="KOLHAPUR ZILLA SAHAKARI DUDH UTPADAK SANGH LTD. KOLHAPUR"
co_nm1 ="GOKUL PROJECT,PLAT NO. B-1, M.I.D.C., GOKUL SHIRGAON"
if !prt
    set print to misd1.txt
endif

```

```
set devi to print
d_headl()
```

```
w_go_qty = w_gob_qty + w_goc_qty
w_b_qty  = w_bb_qty + w_bc_qty
w_gd_qty = w_gdb_qty + w_gdc_qty
w_b_tot  = w_gob_qty+w_gdb_qty+w_bb_qty
w_c_tot  = w_goc_qty+w_gdc_qty+w_bc_qty
w_bc_tot = w_b_tot + w_c_tot
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"GOKUL PROJECT
          tran(w_gob_qty,"@Z #####.##")+ " "+;
          tran(w_goc_qty,"@Z #####.##")+ " "+;
          tran(w_go_qty,"@Z #####.##")
```

```
LCT+=1
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"BORAVADE C. C .
          tran(w_Bb_qty,"@Z #####.##")+ " "+;
          tran(w_Bc_qty,"@Z #####.##")+ " "+;
          tran(w_B_qty,"@Z #####.##")
```

```
LCT+=1
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"GADHINGLAJ C.C.
          tran(w_GDb_qty,"@Z #####.##")+ " "+;
          tran(w_GDc_qty,"@Z #####.##")+ " "+;
          tran(w_GD_qty,"@Z #####.##")
```

```
LCT+=1
```

```
@++lct,06 say dash_ln1
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"TOTAL MILK PROCUREMENT
          tran(w_b_tot,"@Z #####.##")+ " "+;
          tran(w_c_tot,"@Z #####.##")+ " "+;
          tran(w_bc_tot,"@Z #####.##")
```

```
@++lct,06 say dash_ln1
```

```
sele d_l_milk
```

```
seek w_date
```

```
if found()
```

```
    w_b_qty = d_b_qty
```

```
    w_c_qty = d_c_qty
```

```
    w_qty   = w_b_qty + w_c_qty
```

```
endi
```

```
w_b_diff = 0
```

```
w_c_diff = 0
```

```
w_bc_diff= 0
```

```
w_b_diff = w_b_tot - w_b_qty
```

```
w_c_diff = w_c_tot - w_c_qty
```

```
w_bc_diff= w_b_diff+ w_c_diff
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"LAST YEAR TOTAL MILK PROCUREME
          tran(w_b_qty,"@Z #####.##")+ " "+;
          tran(w_c_qty,"@Z #####.##")+ " "+;
          tran(w_qty,"@Z #####.##")
```

```
@++lct,06 say dash_ln1
```

```
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"DIFFERENCE LITERS
```

```
          tran(w_gob_qty+w_bb_qty+w_gdb_qty - w_b_qty , "@Z #####
```

```
          " "+tran(w_goc_qty+w_bc_qty+w_gdc_qty - w_c_qty , "@Z ####
```

```
          " "+tran(w_bc_diff,"@Z #####.##")
```

```
@++lct,06 say dash_ln1
```

```
W_B_PER = w_b_diff / w_b_tot * 100
```

```
W_C_PER = w_c_diff / w_c_tot * 100
```

```
W_T_PER = w_bc_diff / w_bc_tot* 100
```

```

@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"DIFFERENCE PERCENTAGE (+/-)
tran(w_b_per , "@Z #####.##")+ " "+;
tran(w_c_per , "@Z #####.##")+ " "+;
tran(w_t_per,"@Z #####.##")
@++lct,00 say dash_ln
lct+=2
@++lct,00 say " C A T T L E F E E D P L A N T "+" Date :-"+tran(w_da
@++lct,00 say dash_ln
@++lct,00 say "S.NO P A R T I C U L A R S PRODUCTION"+;
" In M.Tones SALES In M.Tones"
@++lct,00 say dash_ln
sele d_milk
srno=0
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"PALLETS
"+tran(w_palate_p,"@Z #####.###")+ " "+;
tran(w_palate_s,"@Z #####.###")
@++lct,00 say tran(++SRNO,"@Z ####")+ " "+"MASH
"+tran(w_mash_p,"@Z #####.###")+ " "+;
tran(w_mash_s,"@Z #####.###")
@++lct,00 say dash_ln
@++lct,07 say " TOTAL "+;
tran(w_palate_p + w_mash_p,"@Z #####.###")+ " "+;
tran(w_palate_s + w_mash_s,"@Z #####.###")
@++lct,00 say dash_ln
lct+=4
@++lct,50 say "SENIOR OFFICER ( M.I.S.)"
LCT+=2
@++lct,00 say " Copy to - "
LCT+=2
@++lct,00 say "1) Hon. Chairmansao"
@++lct,00 say "2) Hon. Managing Director"
@++lct,00 say "3) General Manager"
@++lct,00 say "4) Manager (Training Centre)"
@++lct,00 say "5) Manager (Procurement)"
@++lct,00 say "6) Incharge Gadhinglaj C. C."
@++lct,00 say "7) Incharge Borvade C. C."
@++lct,00 say "8) M.I.S."

```

```

endi
eject
set devi to screen
close all
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
retu .t.

```

```

*-----
Function d_head1
*-----

```

```

set devi to print
lct=0
@++lct, 0 say "GOKUL"
@ lct,(90 - len(co_nm))/2 say co_nm
@++lct,(90 - len(co_nm))/2 say co_nm1+" Date :"+tran(r_date,"@D")
lct+=2
@lct, 17 say "MILK PROCURMENT AND CATTLE FEED PRODUCTION ON DATE :"+tran(w_dat
@++lct, 0 say dash_ln
*
1234 123456789012345678901234567890 1234567890.12 1234567890
@++lct, 0 say "S.NO C H I L L I N G C E N T R E BUFF. MILK"+;

```

```

flashout("New Date addition ...Do You Want to Add-
del_ans='y'
@0,48 get del_ans
read
if lower(del_ans) = 'y'
    flashout("Do You Want to Add All Master Codes.
    app_ans='n'
    @0,48 get app_ans
    read
    if lower(app_ans) = 'y'
        cryout("Appending All Code.....P:
        appe_rec14()
        flashout("Appending Over")
        flashout("")
    endif
endif
if lower(del_ans) = 'n'
    ringbell()
    loop
endif
else
    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            cryout("Deleting All records of ")
            dele_rec4()                && deletion
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
    sele tmp
    copy_rec4()                && copies record to
endif
set dele on
set color to
set excl on

do while .t.
    sele tmp
    go top
    set curs on
advvewedt(07,00,24,79,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.
les Data Entry", ".t.", ".t.")
    ok_tot = .f.
    if lastkey() = 27
        exit
    endif
endif
enddo
set excl off
appe_rec4()
sele trn
commit

```

<Y/N>")

126

... <Y/N>")

.Wait")

▪)

of Full

temp for editing

.,3,3,"&dmast","&lmast",":

```

endif
set dele on
set color to
set excl on

do while .t.
    sele tmp
    go top
@ 23,00 say "PROC/DISP CODE -- Procument Milk -> I & Disposal Milk ->0 "
    set curs on
addvwedt(05,00,20,70,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.,3,3,"&dmas
Data Entry",".t.",".t.")
    ok_tot = .f.
    *get_totml()
    if lastkey() = 27
        exit
    endif
enddo
set excl off
ap_recm1()
sele trn
commit

enddo
unlock all
close data
fx = "&fx"+"&fx".dbf"
erase &fx

fx = "&fx"+"&fx".ntx"
erase &fx
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
retu .t.
endi
if opt=2
clear screen
fx = tempml1()                                && for temp file name
sele 0
crea &fx from mpdtstru
use
mpl_use("0",&fx",.T.,"tmp1",dly,try,"")
sele tmp1
zap
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
@1,0 to 3,79
set colo to w/n
@ 1,(80 - len(ttl))/2 say ttl
set colo to
@2,2 SAY "Month code :"
@2,16 get MonCd pict "99" valid !empty(MonCd)
read
mon=mon_nm[moncd]
mon=alltrim(mon)
set colo to w+*
@2,25 say Mon+"-"+cyear
set colo to
set cursor on
stor 0 to mp_gr_1, mp_sub_gr1,mp_date, mp_buf_1, mp_cow_1,g_buf_cow

```



```

enddo
unlock all
close data
fx = "&fx"+" .dbf"
erase &fx

fx = "&fx"+" .ntx"
erase &fx

clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
endi

if opt=2
stor 0 to prv_code,tmp_code ,lct,key1,key2
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
dash_ln=repl("-",133)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
@2,10 get dt      pict "@@" valid !empty(dt)
read

key1=dt
key2=dt-1

sele trn
seek key2
if found()
sele trn
do while key2=trn->mp_date .and. !eof()
sele tmp
appe blan
repl mp_gr      with trn->mp_gr
repl mp_sub_gr  with trn->mp_sub_gr
repl mp_open    with trn->mp_close
repl mp_date    with trn->mp_date+1
sele trn
skip
enddo
endif

sele tmp
go top

sele tmp
k1=tmp->mp_date
sele trn
do while k1=trn->mp_date .and. !eof()
sele trn
set devi to scree
@12,12 say trn->mp_gr
@13,12 say trn->mp_sub_gr
set devi to PRIN

```

```

if mp_gr = tmp->mp_gr .and. mp_sub_gr =tmp->mp_sub_gr
    rlock()
    repl mp_open with tmp->mp_open
    unlock all
endif
sele tmp
skip
sele trn
skip
enddo
set prin to misd4.txt
set devi to prin
m_head()
key =dt
sele trn
seek key1
if found()
    prv_code =trn->mp_gr
endif
prv_code1=mp_sub_gr
tmp_code=mp_gr
do while !eof()
    if lct > 60
        @++lct, 0 say dash_ln
        m_head()
    endif
    sele trn
    prv_code =trn->mp_gr
    @++lct,00 say tran(tmp_code,"@Z ##")+ " | "
    sele mst
    seek str(trn->mp_gr,2)+str(trn->mp_sub_gr,2)
    if found()
        @lct,05 say left(mc_desc,30)+" | "
    else
        @lct,05 say " code not in master"
    endif
    sele trn
    @ lct,40 say tran(mp_open,"@Z #####.##")+ " | "+;
        tran(mp_prod,"@Z #####.##")+ " | "+;
        tran(mp_open+mp_prod,"@Z #####.##")+ " | "+;
        tran(mp_sales,"@Z #####.##")+ " | "+;
        tran(mp_dairy,"@Z #####.##")+ " | "+;
        tran(mp_open+mp_prod-mp_sales-mp_dairy,"@Z #####.##")

    sele trn
    skip
    tmp_code=mp_gr
    if prv_code=tmp_code
        tmp_code=0
    else
        @++lct,00 say " | | | | |"
        " | | | | |"
    endif
enddo
endif
@++lct, 0 say dash_ln
lct+=2
@++lct, 33 say "Officer store Hon. Chairmanso Sr. Officer Store"
@ lct, 33 say "Officer store Hon. Chairmanso Sr. Officer Store"
close all
set devi to screen
return .t.

```

```

*****
Function qty_chk4          && quantity check while get
*****
private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
    cryout("Invalid Quantity.....")
    inkey(1)
    flashout("")
    return .f.
endif
return .t.

```

```

*****
Function get_gr14         && Get Group Code
*****
private code1
code1 = readvar()
code1 = &code1
tmp_gr1=code1
retu .t.

```

```

*****
Function get_gr24         && Get Group Code
*****
private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.

```

```

*****
Function code_chk14      && Display Group Name
*****
private code1
code1 = readvar()
code1 = &code1
sele mst
seek str(tmp->mp_gr,2)+str(code1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)
    flashout("")
    sele tmp
    retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.
endif
sele tmp
seek str(tmp->mp_gr,2)+code1
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif
retu .t.

```

```

*-----
Function tempnm4         && temp file name

```

```

*-----
private i,fname
i = 01
do while .T.
    fname = "McTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)

```

```

*-----
Function copy_rec4      && copies record to temp for editing
*-----

```

```

sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_gr      with trn->mp_gr,;
    mp_sub_gr with trn->mp_sub_gr,;
    mp_date   with trn->mp_date,;
    mp_prod   with trn->mp_prod,;
    mp_sales  with trn->mp_sales,;
    mp_dairy  with trn->mp_dairy,;
    rec_no    with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function dele_rec4      && deletes Full
*-----

```

```

sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.

```

```

*-----
Function appe_rec4      && append rec to trn file from temp
*-----

```

```

set dele off
sele tmp

```

```

go top
srno = 0
do while .not. eof()
  if deleted()
    sele trn
    mpl_delete(dly,try,tmp->rec_no)
  else
    if tmp->rec_no = 0
      sele trn
      mpl_append(dly,try)
    else
      sele trn
      go tmp->rec_no
      mpl_rlock(dly,try)
    endif
    sele trn
    repl mp_gr      with tmp->mp_gr,;
      mp_sub_gr with tmp->mp_sub_gr,;
      mp_date    with dt,;
      mp_prod    with tmp->mp_prod,;
      mp_sales   with tmp->mp_sales,;
      mp_dairy   with tmp->mp_dairy,;
      rec_no     with rec
  endif
  sele tmp
  skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----
Function appe_rec14      && append rec to tmp file from master
*-----

```

```

set dele off
sele tmp
go top
sele mst
go top
do while .not. eof()
  sele tmp
  appe blan
  repl mp_gr      with mst->mc_group,;
    mp_sub_gr with mst->mc_sub_gr,;
    mp_date    with dt
  sele mst
  skip
enddo
set dele on
return .t.

```

```

*-----
function curkeys4      && To display name of drawing
*-----

```

```

sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

```

```

*-----
function m_head
*-----
set devi to print
lct=0
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+;
          " KOLHAPUR"+CHR(18)
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+;
          " KOLHAPUR"+CHR(18)

lct+=2
@lct,38 say "DAILY MILK PRODUCT REPORT                                DATE :"+tran(dt,"@E
@++lct, 0 say dash_ln
*          12345678901234567890 123456789.1 123456789.1 123456789.1 12345678
89.1
@++lct, 0 say "SNO| P E R T I C U L A R S          |OPENING BALANCE|   PRODUCED
          "      TOTAL      |   SALES      |   TO DAIRY   | CL. BALANCE"
@++lct, 0 say dash_ln
Retu .t.

```

MISD5.PRG

```

mis_d5()
retu .t.
function mis_d5
***** shree Ram *****
* Program for Data entry & Printing Daily Milk Sales *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,app_ans,lct
stor 0 to mp_gr, mp_sub_gr, mp_date, rec_no,opt
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt = ctod(" / / ") && document date
dly = 0.5 && delay in seconds
try = 1 && no of tries
rec = 0 && record no required for deletion of records
key=date()
*
if sys_clr
    dmast = "g+/bg" && for display color
    lmast = "gr+/b" && for light bar color
    gmast = "g+/rb" && for get color.
    ms = "w+/g" && main menu display color.
    me = "gr+/b" && main menu light bar color
else
    dmast = "w/n" && for display color
    lmast = "w+/w" && for light bar color
    gmast = "n/w" && for get color
    ms = "n+/w" && main menu Display color
    me = "n/w" && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="9495"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"
read

```

```

fnm="SALE"+CYEAR
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from SALESTRU
endif
use
private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[04], fld[04], pic[04], pre[04], val[04]
decl  cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","SALEMST",.F.,"MST",DLY,TRY,"")
sele mst
index on str(mc_group,2)+str(mc_sub_gr,2) to msales
set index to msales

mpl_use("0",&fnm",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")

sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnm5()                                && for temp file name
sele 0
crea &fx from SALESTRU
use
mpl_use("0",&fx",.T.,"tmp",dly,try,"")

sele tmp
index on mp_date to &fx
set index to &fx

hldg[01] = "Group"
fld[01]  = "mp_gr"
pic[01]  = "#"
pre[01]  = ".t."
val[01]  = "get_gr15()"

hldg[02] = "Sub Gr"
fld[02]  = "mp_sub_gr"
pic[02]  = "##"
pre[02]  = ".t."
val[02]  = "code_chk15()"

hldg[03] = "COW MILK "
fld[03]  = "mp_cow"
pic[03]  = "#####.#"
pre[03]  = ".t."
val[03]  = ".t."

hldg[04] = "STD. MILK "
fld[04]  = "mp_STD"
pic[04]  = "#####.#"
pre[04]  = ".t."
val[04]  = ".t."

```



```

*-----Curssor function & its key values
cuf[1] = "curkeys5()"
cuk[1] = 24
*
cuf[2] = "curkeys5()"
cuk[2] = 5
*
cuf[3] = "curkeys5()"
cuk[3] = 18
*
cuf[4] = "curkeys5()"
cuk[4] = 3
*
cuf[5] = "curkeys5()"
cuk[5] = 31
*
cuf[6] = "curkeys5()"
cuk[6] = 30
*
kfun[1] ="copy_ext()"  &&  Key Function & its key value
kval[1] = -30
*----- Fix field and fix value for  that field
*
*-----

sele tmp
zap

clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
stor 0 to mp_gr, mp_sub_gr, mp_date, mp_prod, mp_sales,mp_close,rec_no,tmp_gr
if opt=1
  do while .t.
    flashout("")
    @2,10 get dt          pict "@D" valid !empty(dt)
    read
    *   if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear
    *       cryout("Date is not of Current year")
    *           loop
    *   endif
    if empty(dt) .or. lastkey() = 27
      exit
    endif
    key=dt
    sele trn
    seek key
    if !found()
      flashout("New Date  addition ...Do You Want to Add<Y/N>")
      del_ans='y'
      @0,48 get del_ans
      read
      if lower(del_ans) = 'y'
        flashout("Do You Want to Add All Master Codes.... <Y/N>")
        app_ans='y'
        @0,48 get app_ans
        read

```

```

        if lower(app_ans) = 'y'
            cryout("Appending All Code.....Pl.Wait")
            appe_rec15()
            flashout("Appending Over")
            flashout("")
        endif
    endif
    if lower(del_ans) = 'n'
        ringbell()
        loop
    endif
else
    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            cryout("Deleting All records of this Date ")
            dele_rec5()                && deletion of Full
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
    sele tmp
    copy_rec5()                && copies record to temp for edit
endif
set dele on
set color to
set excl on

do while .t.
    sele tmp
    go top
    set curs on
addvewedt(07,00,24,79,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.,3,3,"&dmast
",".t.")
    ok_tot = .f.
    if lastkey() = 27
        exit
    endif
enddo
set excl off
appe_rec5()
sele trn
commit

enddo
unlock all
close data
fx = "&fx"+"&dbf"
erase &fx

fx = "&fx"+"&ntx"
erase &fx

```

```

clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
endi

if opt=2
do while .t.
stor 0 to prv_code,tmp_code ,lct,key1,key2
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
dash_ln=repl("-",69)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
@2,10 get dt      pict "@D" valid !empty(dt)
read
set prin to misd5.txt
set devi to prin
m_head5()
sele trn
seek dt
if found()
stor 0 to Ptot_COW, Ptot_STD, btot_COW, btot_STD,gtot_COW, gtot_STD
do while dt=trn->mp_date .and. !eof()
if lct > 60
@++lct, 0 say dash_ln
m_head5()
endif
sele trn
tmp_code = trn->mp_gr
prv_code = trn->mp_gr
do while dt=trn->mp_date .and. prv_code =trn->mp_gr .and. !eof()
if lct > 60
@++lct, 0 say dash_ln
m_head5()
endif
sele trn
@++lct,00 say tran(mp_sub_gr,"@Z ##")+ " | "
sele mst
seek str(trn->mp_gr,2)+str(trn->mp_sub_gr,2)
if found()
@lct,05 say left(mc_desc,30)+" | "
else
@lct,05 say " code not in master"
endif

sele trn
@ lct,40 say tran(mp_COW,"@Z #####.##")+ " | "+;
tran(mp_STD,"@Z #####.##")+ " | "

if mp_gr=1
Ptot_COW += mp_COW
Ptot_STD += mp_STD
else
btot_COW += mp_COW
btot_STD += mp_STD

```

```

endif

gtot_COW += mp_COW
gtot_STD += mp_STD
sele trn
skip
enddo
@++lct, 0 say dash_ln
if tmp_code=1
    @ ++lct,18 say "TOTAL PACK SALE | "+tran(ptot_COW,"@Z #####.##")+" | "
    " | "+tran(ptot_STD,"@Z #####.##")+ " | "
else
    @ ++lct,18 say "TOTAL BROKEN SALE | "+tran(Btot_COW,"@Z #####.##")+" | "
    " | "+tran(Btot_STD,"@Z #####.##")+ " | "
endif
@++lct, 0 say dash_ln
enddo
if lct > 60
    @++lct, 0 say dash_ln
    m_head5()
endif
else
    cryout("Date Not Found in Trn file.....")
    inkey(2)
    loop

endif
exit
enddo
endif
@++lct,18 say "TOTAL PACK SALE | "+tran(ptot_COW,"@Z #####.##")+" | "+;
    tran(ptot_STD,"@Z #####.##")+ " | "
@++lct,18 say "TOTAL BROKEN SALE | "+tran(Btot_COW,"@Z #####.##")+" | "+;
    tran(Btot_STD,"@Z #####.##")+ " | "
@++lct,00 say dash_ln
@++lct,18 say " TOTAL SALE | "+tran(Gtot_COW,"@Z #####.##")+" | "+;
    tran(Gtot_STD,"@Z #####.##")+ " | "
@++lct,00 say dash_ln
lct+=2
@++lct,0 say "C.C. To :-"
@++lct,0 say "          1) MIS Officer"
@++lct,0 say "          2) Milk Desposal Officer"
@++lct,0 say "          2) Dairy Department"
close all
set devi to screen
return .t.
*****
Function qty_chk5          && quantity check while get
*****
private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
    cryout("Invalid Quantity.....")
    inkey(1)
    flashout("")
    return .f.
endif
return .t.
*****

```

```

Function get_gr15          && Get Group Code
*****
private code1
code1 = readvar()
code1 = &code1
tmp_gr1=code1
retu .t.

*****
Function get_gr25          && Get Group Code
*****
private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.
*****
Function code_chk15        && Display Group Name
*****
private code1
code1 = readvar()
code1 = &code1
sele mst
seek str(tmp->mp_gr,2)+str(code1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)
    flashout("")
    sele tmp
    retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.
endif
sele tmp
seek str(tmp->mp_gr,2)+code1
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif
retu .t.
*-----
Function tempnm5          && temp file name
*-----
private i,fname
i = 01
do while .T.
    fname = "MSTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)
*-----
Function copy_rec5        && copies record to temp for editing

```

```

*-----
sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
  rec = recno()
  sele tmp
  appe blank
  repl mp_gr      with trn->mp_gr,;
  mp_sub_gr with trn->mp_sub_gr,;
  mp_date   with trn->mp_date,;
  mp_COW   with trn->mp_COW,;
  mp_STD   with trn->mp_STD,;
  rec_no   with rec
  sele trn
  skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function dele_rec5      && deletes Full
*-----
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
  sele trn
  rec = recno()
  skip
  mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.

```

```

*-----
Function appe_rec5      && append rec to trn file from temp
*-----
set dele off
sele tmp
go top
srno = 0
do while .not. eof()
  if deleted()
    sele trn
    mpl_delete(dly,try,tmp->rec_no)
  else
    if tmp->rec_no = 0
      sele trn
      mpl_append(dly,try)
    else
      sele trn
      go tmp->rec_no
      mpl_rlock(dly,try)
    endif
  sele trn
enddo

```

```

        repl mp_gr      with tmp->mp_gr,;
        mp_sub_gr with tmp->mp_sub_gr,;
        mp_date      with dt,;
        mp_COW       with tmp->mp_COW,;
        mp_STD       with tmp->mp_STD,;
        rec_no       with rec
    endif
    sele tmp
    skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----*
Function appe_rec15          && append rec to tmp file from master
*-----*

```

```

set dele off
sele tmp
go top
sele mst
go top
do while .not. eof()
    sele tmp
    appe blan
    repl mp_gr      with mst->mc_group,;
    mp_sub_gr with mst->mc_sub_gr,;
    mp_date      with dt
    sele mst
    skip
enddo
set dele on
return .t.

```

```

*-----*
function curkeys5          && To display name
*-----*

```

```

sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

```

```

*-----*
function m_head5
*-----*

```

```

set devi to print
lct=0
@lct,00 say "GOKUL  KOLHAPUR ZILLA SAHA.DUDH UTPADAK SANGH LTD.,KOLHAPUR"
@lct,00 say "GOKUL  KOLHAPUR ZILLA SAHA.DUDH UTPADAK SANGH LTD.,KOLHAPUR"
lct+=2
@lct,03 say "DAILY MILK SALES REPORT          DATE :"+tran(dt,"@D")
@++lct, 0 say dash_ln
@++lct, 0 say "SNO| P E R T I C U L A R S          | COW MILK (LTR)| STD.MILK (L
@++lct, 0 say dash_ln
Retu .t.

```

```

mis_d6()
retu .t.
function mis_d6
***** shree Ram *****
* Program for Data entry & Printing Daily Cattlefed production *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,dt,dly,try, del_ans,key,app_ans,lc
stor 0 to mp_gr, mp_sub_gr, mp_date, rec_no,opt
private add_ans
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt = ctod(" / / ") && document date
dly = 0.5 && delay in seconds
try = 1 && no of tries
rec = 0 && record no required for deletion of records
key=date()
*
if sys_clr
  dmast = "g+/bg" && for display color
  lmast = "gr+/b" && for light bar color
  gmast = "g+/rb" && for get color
  ms = "w+/g" && main menu display color
  me = "gr+/b" && main menu light bar color
else
  dmast = "w/n" && for display color
  lmast = "w+/w" && for light bar color
  gmast = "n/w" && for get color
  ms = "n+/w" && main menu Display color
  me = "n/w" && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="9495"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"
read

```



```

fnm="CFSALE"+CYEAR
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from CFSALESTRU
endif
use
private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[04], fld[04], pic[04], pre[04], val[04]
decl  cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","CFSALEMST",.F.,"MST",DLY,TRY,"")
sele mst
index on str(mc_group,2) to msales
set index to msales

mpl_use("0",&fnm",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")

sele trn
index on mp_date to &fnm
set index to &fnm

fx = tempnm6()                && for temp file name
sele 0
crea &fx from CFSALESTRU
use
mpl_use("0",&fx",.T.,"tmp",dly,try,"")

sele tmp
index on mp_date to &fx
set index to &fx

hldg[01] = "Group"
fld[01]  = "mp_gr"
pic[01]  = "#"
pre[01]  = ".t."
val[01]  = "code_chk16()"

hldg[02] = " 1 ST"
fld[02]  = "mp_1"
pic[02]  = "#####.###"
pre[02]  = ".t."
val[02]  = ".t."

hldg[03] = " 2 ND "
fld[03]  = "mp_2"
pic[03]  = "#####.###"
pre[03]  = ".t."
val[03]  = ".t."

hldg[04] = " 3 RD "
fld[04]  = "mp_3"
pic[04]  = "#####.###"
pre[04]  = ".t."
val[04]  = ".t."

```

```

*-----Curssor function & its key values
cuf[1] = "curkeys6()"
cuk[1] = 24
*
cuf[2] = "curkeys6()"
cuk[2] = 5
*
cuf[3] = "curkeys6()"
cuk[3] = 18
*
cuf[4] = "curkeys6()"
cuk[4] = 3
*
cuf[5] = "curkeys6()"
cuk[5] = 31
*
cuf[6] = "curkeys6()"
cuk[6] = 30
*
kfun[1] ="copy_ext()"  &&  Key Function & its key value
kval[1] = -30
*----- Fix field and fix value for that field
*
*-----

sele tmp
zap

clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say " Date :"
set cursor on
stor 0 to mp_gr, mp_1, mp_date, mp_2, mp_3,mp_close,rec_no,tmp_gr
if opt=1
  do while .t.
    flashout("")
    @2,10 get dt      pict "@0" valid !empty(dt)
    read
    *   if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear
    *       cryout("Date is not of Current year")
    *           loop
    *   endif
    if empty(dt) .or. lastkey() = 27
      exit
    endif
    key=dt
    sele trn
    seek key
    if !found()
      flashout("New Date addition ...Do You Want to Add<Y/N>")
      del_ans='y'
      @0,48 get del_ans
      read
      if lower(del_ans) = 'y'
        flashout("Do You Want to Add All Master Codes.... <Y/N>")
        app_ans='y'
        @0,48 get app_ans
        read

```

```

        if lower(app_ans) = 'y'
            cryout("Appending All Code.....Pl.Wait")
            appe_rec16()
            flashout("Appending Over")
            flashout("")
        endif
    endif
    if lower(del_ans) = 'n'
        ringbell()
        loop
    endif
else
    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            cryout("Deleting All records of this Date ")
            dele_rec6()                && deletion
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
    sele tmp
    copy_rec6()                && copies record to temp for edit'
endif
set dele on
set color to
set excl on

do while .t.
    sele tmp
    go top
    set curs on
addvewedt(07,00,24,79,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.,3,3,"&dmast'
, ".t.", ".t.")
    ok_tot = .f.
    if lastkey() = 27
        exit
    endif
enddo
set excl off
appe_rec6()
sele trn
commit

enddo
unlock all
close data
fx = "&fx"+"&fx".dbf"
erase &fx

fx = "&fx"+"&fx".ntx"
erase &fx
clea

```

```

restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
endi

if opt=2
stor 0 to prv_code,tmp_code ,lct,key1,key2,sale
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
curs_stat(.t.)
dash_ln=repl("-",87)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,02 say " Date :"
@2,30 say "Total Sale :"
set cursor on
@2,10 get dt      pict "@D" valid !empty(dt)
@2,42 get sale    pict "9999999.999"
read
set prin to misD6.txt
set devi to prin
m_head6()
sele trn
seek dt
if found()
stor 0 to m_mp_1,m_mp_2, m_mp_3
do while dt=trn->mp_date .and. !eof()
if lct > 60
@++lct, 0 say dash_ln
m_head6()
endif
sele trn
@++lct,00 say tran(mp_gr,"@Z ##")+ " | "
sele mst
seek str(trn->mp_gr,2)
if found()
@lct,05 say left(mc_desc,23)+ " | "
else
@lct,05 say " code not in master"
endif
sele trn
@ lct,33 say tran(mp_1,"@Z #####.###")+ " | "+;
tran(mp_2,"@Z #####.###")+ " | "+;
tran(mp_3,"@Z #####.###")+ " | "+;
tran(mp_1+mp_2+mp_3,"@Z #####.###")+ " | "
m_mp_1 += mp_1
m_mp_2 += mp_2
m_mp_3 += mp_3

sele trn
skip
enddo
@++lct, 0 say dash_ln
@++lct,11 say "TOTAL | "+tran(m_mp_1,"@Z #####.###")+;
" | "+tran(m_mp_2,"@Z #####.###")+ " | "+;
tran(m_mp_3,"@Z #####.###")+ " | "+;
tran(m_mp_1+m_mp_2+m_mp_3,"@Z #####.###")+ " | "
@++lct, 0 say dash_ln
@++lct, 11 say "Total Production :- "+tran(m_mp_1+m_mp_2+m_mp_3,"@Z

```

```

        @++lct, 0 say dash_ln
        @++lct, 11 say "Total Sales"      :- "+tran(sale,"@Z #####.###)".
        @++lct, 0 say dash_ln
    endif
endif
close all
set devi to screen
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
*****
Function qty_chk6          && quantity check while get
*****
private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
    cryout("Invalid Quantity.....")
    inkey(1)
    flashout("")
    return .f.
endif
return .t.

*****
Function get_gr16         && Get Group Code
*****
private code1
code1 = readvar()
code1 = &code1
tmp_gr1=code1
retu .t.

*****
Function get_gr26         && Get Group Code
*****
private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.

*****
Function code_chk16       && Display Group Name
*****
private code1
code1 = readvar()
code1 = &code1
sele mst
seek str(code1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)
    flashout("")
    sele tmp
    retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.

```

```

endif
sele tmp
seek codel
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif

```

```
retu .t.
```

```

*-----
Function tempnm6      && temp file name
*-----

```

```

private i,fname
i = 01
do while .T.
    fname = "CFMSTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)

```

```

*-----
Function copy_rec6    && copies record to temp for editing
*-----

```

```

sele tmp
zap
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_gr      with trn->mp_gr,;
        mp_date    with trn->mp_date,;
        mp_1       with trn->mp_1,;
        mp_2       with trn->mp_2,;
        mp_3       with trn->mp_3,;
        rec_no     with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function dele_rec6
*-----

```

```

sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()

```

```

        skip
        mpl_delete(dly,try,rec)
    enddo
    set softseek off
    return .t.

```

```

*-----
Function appe_rec6          && append rec to trn file from temp
*-----
set dele off
sele tmp
go top
srno = 0
do while .not. eof()
    if deleted()
        sele trn
        mpl_delete(dly,try,tmp->rec_no)
    else
        if tmp->rec_no = 0
            sele trn
            mpl_append(dly,try)
        else
            sele trn
            go tmp->rec_no
            mpl_rlock(dly,try)
        endif
        sele trn
        repl mp_gr    with tmp->mp_gr,;
            mp_date  with dt,;
            mp_1     with tmp->MP_1,;
            mp_2     with tmp->MP_2,;
            mp_3     with tmp->MP_3,;
            rec_no   with rec
    endif
    sele tmp
    skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----
Function appe_rec16       && append rec to tmp file from master
*-----
set dele off
sele tmp
go top
sele mst
go top
do while .not. eof()
    sele tmp
    appe blan
    repl mo_gr      with mst->mc_group,;
        mp_date    with dt
    sele mst
    skip
enddo
set dele on
return .t.

```

```

*-----
function curkeys6          && To display name
*-----
sele mst
seek str(trn->mp_group,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

*-----
function m_head6
*-----
set devi to print
lct=0
@lct,20 say "GOKUL  KOLHAPUR ZILLA SAHA.DUDH UTPADAK SANGH LTD.,KOLHAPUR"
@lct,20 say "GOKUL  KOLHAPUR ZILLA SAHA.DUDH UTPADAK SANGH LTD.,KOLHAPUR"
lct+=2
@lct,20 say "DAILY CATTLE FEED SALES REPORT          DATE :"+tran(dt,"@D")
@++lct, 0 say dash_ln
@++lct, 0 say "SNO| P E R T I C U L A R S   | 1 ST.(In MT.)   |2 ND.(In MT)|"+;
          " 3 RD(In MT)|   TOTAL     | "
@++lct, 0 say dash_ln
Retu .t.

```



MIS10DAY.PRG

```

mis_10d()
retu .t.
function mis_10d
***** shree Ram *****
* Program for Printing Ten Day Milk Proc.& Disposal Report *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
priv fnm
priv srno,f_dt,s_dt,dly,try, del_ans,key,app_ans,lot,dt
fnm=spac(8)
sys_clr=.f.
ok_tot = .F.
dt      = date()
f_dt   = ctod("01/11/94")  && document date
s_dt   = ctod("10/11/94")  && document date
dly    = 0.5                && delay in seconds
try    = 1                  && no of tries
rec    = 0                  && record no required for deletion of records
*
if sys_clr
    dmast = "g+/bg"          && for display color
    lmast = "gr+/b"          && for light bar color
    gmast = "g+/rb"          && for get color
    ms    = "w+/g"           && main menu display color
    me    = "gr+/b"          && main menu light bar color
else
    dmast = "w/n"           && for display color
    lmast = "w+/w"          && for light bar color
    gmast = "n/w"           && for get color
    ms    = "n+/w"          && main menu Display color
    me    = "n/w"           && main menu Light bar Color
endif
decl cqty[20]
private prv_clor,p_row,p_col,prv_scr,i
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
clear screen
cyear="9495"
@04,4 to 15,50 double
@06, 5 say "Enter Starting Date... " get f_dt
@08, 5 say "Enter End Date... " get s_dt
@10, 5 say "Enter Year ....." get cyear pict "!!!!"
read

fnm="MPRC"+cyear
tst=spac(11)
tst=alltrim(fnm)+".dbf"

```

```

if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("File Doesnot Find"+fnm)
endif

use
clear screen

sele 0
use &fnm alias trn
index on mp_date to &fnm
set index to &fnm

sele trn
go top

stor 0 to prv_gr,prv_code,o_cow,o_buf,g_cow,g_buf,tmp_gr,i,co
pass=1
flashout("")
dash_ln=repl("-",210)
set prin to mis10day.txt
set devi to prin

sele trn
go top

do while pass < 3

    for i=1 to 20
        cqty[i]=0
    next i

    r_head()
    co=0
    do while f_dt <= s_dt
        i=1
        sele trn
        go top
        seek f_dt
        if !found()
            @++lct,co say tran(f_dt,"@D")+SPACE(70)+;
            "D A T A   I S   N O T   A V A I L A B L E"
        else
            @++lct,co say tran(f_dt,"@D")
            do while f_dt=mp_date
                stor 0 to o_buf,o_cow
                sele trn
                prv_gr=trn->mp_gr_1
                prv_code=trn->mp_code
                set devi to scree
                @ 12,10 say "DATE :- "
                @ 12,20 say trn->mp_date
                if pass=2
                    set colo to n/w*
                    @ 12,35 say "Cow Milk Report"
                else
                    set colo to w*
                    @ 12,35 say "Buff. Milk Report"
                endif
            endif
        endif
    endwhile
    pass=pass+1
endwhile

```

```

set colo to
set devi to prin
stor 0 to o_buf,o_cow
do while prv_gr=trn->mp_gr_1 .and. prv_code$"Ii0o"
  if pass=1
    o_buf += mp_buf_1
  endif
  if pass=2
    o_cow += mp_cow_1
  endif
  sele trn
  skip
enddo
co+=10
if pass=1
  @lct,co say tran(o_buf,"#####.#")
  cqty[i]+=o_buf
else
  @lct,co say tran(o_cow,"#####.#")
  cqty[i]+=o_cow
endif
i++
enddo
endif
f_dt+=1
co=0

enddo
@++lct, 0 say dash_ln
@++lct, 8 say tran(cqty[01],"#####9.9")+tran(cqty[02],"#####9.9")+tran(
cqty[05],"#####9.9")+tran(cqty[06],"#####9.9")+;
tran(cqty[07],"#####9.9")+tran(cqty[08],"#####9.9")+tran(
cqty[11],"#####9.9")+tran(cqty[12],"#####9.9")+;
tran(cqty[13],"#####9.9")+tran(cqty[14],"#####9.9")+tran(
cqty[17],"#####9.9")+tran(cqty[18],"#####9.9")+;
tran(cqty[19],"#####9.9")+tran(cqty[20],"#####9.9")
@++lct, 0 say dash_ln
pass+=1
sele trn
go top
f_dt-=10
enddo
@++lct,00 say chr(18)
@++lct,00 say chr(27)+chr(16)
close all
set devi to screen
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.

*-----
function r_head
*-----
set devi to print
if pass=1
  lct=05
  @lct,00 say chr(14)+"GOKUL KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., "
  " KOLHAPUR"+chr(18)
  @lct,00 say chr(14)+"GOKUL KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., "
  " KOLHAPUR"+chr(18)
  lct+=2
  @lct,20 say "BUFFELO MILK PROCURMENT AND DISPOSAL REGISTER"+SPAC(40)+;

```



```

mis_m1()
retu .t.
function mis_m1
***** shree Ram *****
* Program for Data entry & Printing Monthly Milk Procurment & Disposal *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off

decl mon_nm[12]
mon_nm[01]="JAN"
mon_nm[02]="FEB"
mon_nm[03]="MAR"
mon_nm[04]="APR"
mon_nm[05]="MAY"
mon_nm[06]="JUN"
mon_nm[07]="JUL"
mon_nm[08]="AUG"
mon_nm[09]="SEP"
mon_nm[10]="OCT"
mon_nm[11]="NOV"
mon_nm[12]="DEC"

priv fnm
Priv SrNo,Dt,Dly,Try, Del_Ans,Key,App_Ans,Lct
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,opt,Moncd
private add_ans
fnm=spac(8)
mon=spac(10)
sys_clr=.f.
ok_tot = .F.
dly = 0.5          && delay in seconds
try = 1           && no of tries
rec = 0           && record no required for deletion of records
*

if sys_clr
    dmast = "g+/bg"          && for display color
    lmast = "gr+/b"         && for light bar color
    gmast = "g+/rb"        && for get color
    ms = "w+/g"            && main menu display color
    me = "gr+/b"          && main menu light bar color
else
    dmast = "w/n"          && for display color
    lmast = "w+/w"         && for light bar color
    gmast = "n/w"         && for get color
    ms = "n+/w"           && main menu Display color
    me = "n/w"            && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"

```

```

store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="94"
CLEA
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"
read

fnm="MMPRC"+cyear
tst=spac(11)
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from mprcstru
endif
use
*get_pass()

private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[05], fld[05], pic[05], pre[05], val[05]
decl cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

mpl_use("0","milkprc",.f., "mst",dly,try,"")
sele mst
index on mc_code+str(mc_group,2)+str(mc_sub_gr,2) to milkprc
set index to milkprc

mpl_use("0",&fnm",.f., "trn",dly,try,"")
flashout("Indexing Transaction")

sele trn
index on mp_month to &fnm
set index to &fnm

fx = tempml()                                && for temp file name
sele 0
crea &fx from mprcstru
use
mpl_use("0",&fx",.T., "tmp",dly,try,"")

sele tmp
index on mp_code+str(mp_gr_1,2)+str(mp_sub_gr1,2) to &fx
set index to &fx

hldg[01] = "Group"
fld[01] = "mp_gr_1"
pic[01] = "##"
pre[01] = ".t."
val[01] = "get_gm1()"

hldg[02] = "Sub Gr"

```

```

fld[02] = "mp_sub_gr1"
pic[02] = "##"
pre[02] = ".t."
val[02] = ".t."

hldg[03] = "PROC/DISP. CODE"
fld[03] = "mp_code"
pic[03] = "@!"
pre[03] = ".t."
val[03] = "code_chkm1()"

hldg[04] = "BUFF. MILK"
fld[04] = "mp_buf_1"
pic[04] = "#####.#"
pre[04] = ".t."
val[04] = ".t."

hldg[05] = "COW MILK"
fld[05] = "mp_cow_1"
pic[05] = "#####.#"
pre[05] = ".t."
val[05] = ".t."

```

\*-----Cursor function & its key values

```

cuf[1] = "curkem1()"
cuk[1] = 24
*
cuf[2] = "curkem1()"
cuk[2] = 5
*
cuf[3] = "curkem1()"
cuk[3] = 18
*
cuf[4] = "curkem1()"
cuk[4] = 3
*
cuf[5] = "curkem1()"
cuk[5] = 31
*
cuf[6] = "curkem1()"
cuk[6] = 30
*
kfun[1] = "copy_ext()" && Key Function & its key value
kval[1] = -30
*----- Fix field and fix value for that field
*
*-----

```

```

clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
set colo to w/n
@ 1,(80 - len(ttl))/2 say ttl
set colo to
@2,2 SAY "Month code :"
set cursor on
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,tmp_gr
set colo to
if opt=1
do while .t.

```

```

flashout("")
@2,16 get MonCd pict "99" valid !empty(MonCd)
read
mon=mon_nm[moncd]
mon=alltrim(mon)
set colo to w+*
@2,25 say Mon+"-"+cyear
set colo to
*   if year(dt)#19+val(right(cyear,2)).and.year(dt)#19+val(left(cyear
*       cryout("Date is not of Current year")
*       loop
*   endif
if empty(MonCd) .or. lastkey() = 27
    exit
endif
key=MonCd
sele trn
seek key
if !found()
    flashout("New Date addition ...Do You Want to Add<Y/N>")
    del_ans='y'
    @0,48 get del_ans
    read
    if lower(del_ans) = 'y'
        flashout("Do You Want to Add All Master Codes.... <Y/N>")
        app_ans='y'
        @0,48 get app_ans
        read
        if lower(app_ans) = 'y'
            cryout("Appending All Masters Code.....Pl.Wait")
            ap_recml()
            flashout("Appending Over")
            flashout("")
        endif
    endif
    if lower(del_ans) = 'n'
        ringbell()
        loop
    endif
else
    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            cryout("Deleting All records of route ")
            del_recml()                && deletion of Full
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
    sele tmp
    copy_recml()                && copies record to temp for editing

```



```

****          skip 1
              skip 2
              sele tmp1
              repl mp_desg_2 with "***** TOTAL ( 1 TO 13 )" ,;
                mp_buf_2   with g_buf,;
                mp_cow_2   with g_cow,;
                mp_tot2    with g_buf_cow
              flashout("")
              dash_ln=repl("-",133)
              fname = "MISM" + strzero(key,2) + ".txt"
              set prin to &fname
              set devi to prin
              mheadm1()
              sele tmp1
              go top
              do while !eof()
                sele tmp1
                @++lct,00 say tran(mp_GR_1,"@Z ##")+ " "+tran(left(mp_desg_1,27),"@!
                  tran(mp_buf_1,"@Z #####.#")+ "|"+;
                  tran(mp_cow_1,"@Z #####.#")+ "|"+;
                  tran(mp_tot1,"@Z #####.#")+ "|"+;
                  tran(MP_gr_2,"@Z ##")+ " "+tran(left(mp_desg_2,27),"@!
                  tran(mp_buf_2,"@Z #####.#")+ "|"+;
                  tran(mp_cow_2,"@Z #####.#")+ "|"+tran(mp_tot2,"@Z :

                skip
              enddo
            endif
            clea
            @++lct, 0 say dash_ln
            lct+=2
            @++lct, 33 say "Prepared By                               Asst. General Manager"
            @ lct, 33 say "Prepared By                               Asst. General Manager"
            close all
            set devi to screen
            restscreen(0,0,24,79,prv_scr)
            setcolor(prv_clor)
            @p_col,p_row say ""
            flashout("")
            return .t.
            *****
            Function qty_chks                && quantity check while get
            *****
            private code,qty
            code = readvar()
            qty = &code
            if qty = 0 .or. qty < 0
              cryout("Invalid Quantity.....")
              inkey(1)
              flashout("")
              return .f.
            endif
            return .t.

            *****
            Function get_gml                && Get Group Code
            *****
            private code1
            code1 = readvar()
            code1 = &code1
            if code1=0
              cryout("Code Should not be zero")

```

```

stor 0 to rec_no,tmp_gr,prv_gr_1,tmp_gr_1,tmp_gr_3,prv_code,g_buf,g_cow
key=MonCd
sele trn
seek key
if found()
    prv_code=trn->mp_code
else
    cryout("Invalid Date")
endif
do while prv_code=trn->mp_code .and. !eof()
    sele trn
    prv_gr_1=0
    prv_gr_2=0
    set devi to scree
    set colo to w*
    @16,12 say "Pl. Wait Printing is In Progress"
    set devi to prin
    sele trn
    tmp_gr_1=trn->mp_gr_1
    prv_gr_1=trn->mp_gr_1
    desg=spac(40)
    w_buf      = 0
    w_cow      = 0
    w_bc_tot   = 0
    do while tmp_gr_1=mp_gr_1 .and. !eof()
        set devi to scree
        set colo to n/w
        @16,12 say "Pl. Wait Printing is In Progress"
        set colo to
        set devi to prin
        sele mst
        go top
        seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)
        if found()
            desg=left(mst->mc_desc,30)
        endi
        sele tmp1
        appe blan
        repl mp_gr_1    with prv_gr_1      ,;
            mp_desg_1  with desg          ,;
            mp_buf_1   with trn->mp_buf_1 ,;
            mp_cow_1   with trn->mp_cow_1 ,;
            mp_tot1    with mp_buf_1+mp_cow_1
        if prv_gr_1=tmp_gr_1
            prv_gr_1=0
        endif
        w_buf      += mp_buf_1
        w_cow      += mp_cow_1
        sele trn
        if mp_gr_1= 6 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
            g_buf      -= mp_buf_1
            g_cow      -= mp_cow_1
            g_buf_cow -= mp_buf_1 + mp_cow_1
            sele trn
        else
            g_buf      += mp_buf_1
            g_cow      += mp_cow_1
            g_buf_cow += mp_buf_1 + mp_cow_1
            sele trn
        endif
    endi
endwhile

```

```

    if mp_gr_1=2 .and. mp_sub_gr1=3 .and. mp_code$"Ii"
      sele tmp1
      appe blan
      repl mp_desg_1 with "***** TOTAL *****" ,;
      mp_buf_1 with w_buf,;
      mp_cow_1 with w_cow,;
      mp_totl with w_buf+w_cow
      appe blan
    endi

    sele trn
    skip
  enddo
  sele trn
  if trn->mp_gr_1=7 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
    sele tmp1
    appe blan
  else
    sele tmp1
    appe blan
    *
    repl mp_desg_1 with "***** TOTAL *****" ,;
    mp_buf_1 with w_buf,;
    mp_cow_1 with w_cow,;
    mp_totl with w_cow+w_buf
    appe blan
    sele trn
  endif
  sele trn
  if trn->mp_gr_1=7 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
    sele tmp1
    appe blan
    repl mp_desg_1 with "***** TOTAL ( 1+2+3+4+5-6 )" ,;
    mp_buf_1 with g_buf ,;
    mp_cow_1 with g_cow ,;
    mp_totl with g_buf_cow
    appe blan
    stor 0 to g_buf,g_cow, g_buf_cow
  endi
enddo
stor 0 to g_buf,g_cow, g_buf_cow

sele trn
prv_code=trn->mp_code
sele tmp1
go top
do while prv_code=trn->mp_code .and. !eof()
  prv_gr_1=0
  prv_gr_2=0
  sele trn
  tmp_gr_1=trn->mp_gr_1
  prv_gr_1=trn->mp_gr_1
  desg=spac(40)
  stor 0 to w_buf,w_cow
  do while tmp_gr_1=trn->mp_gr_1 .and. !eof()
    sele tmp1
    if eof()
      appe blan
    endi
    sele mst
    go top
  enddo
enddo

```

```

seek trn->mp_code+str(trn->mp_gr_1,2)+str(trn->mp_sub_gr1,2)
if found()
  desg=left(mst->mc_desc,30)
endi
sele tmp1
repl mp_gr_2 with prv_gr_1 ;;
  mp_desg_2 with desg ;;
  mp_buf_2 with trn->mp_buf_1 ;;
  mp_cow_2 with trn->mp_cow_1 ;;
  mp_tot2 with trn->mp_buf_1+trn->mp_cow_1
  skip
  w_buf += trn->mp_buf_1
  w_cow += trn->mp_cow_1

  g_buf += trn->mp_buf_1
  g_cow += trn->mp_cow_1
  g_buf_cow += trn->mp_buf_1+trn->mp_cow_1
sele trn
skip
if prv_gr_1=tmp_gr_1
  prv_gr_1=0
endif
enddo
if tmp_gr_1 = 3 .and. trn->mp_code$"0o"
sele tmp1
**** skip
  repl mp_desg_2 with "***** TOTAL *****" ;;
  mp_cow_2 with w_cow;;
  mp_buf_2 with w_buf;;
  mp_tot2 with w_buf+w_cow
**** skip 1
  skip 2
endif
if tmp_gr_1 = 4 .and. trn->mp_code$"0o"
sele tmp1
**** skip
  repl mp_desg_2 with "***** TOTAL *****" ;;
  mp_cow_2 with w_cow;;
  mp_buf_2 with w_buf;;
  mp_tot2 with w_buf+w_cow
**** skip 1
  skip 2
endif
if tmp_gr_1 >=9 .and. trn->mp_code$"0o"
sele tmp1
**** skip
  repl mp_desg_2 with "***** TOTAL *****" ;;
  mp_cow_2 with w_cow;;
  mp_buf_2 with w_buf;;
  mp_tot2 with w_buf+w_cow
**** skip
  skip 2
endif
enddo
sele tmp1
**** skip
repl mp_desg_2 with "***** TOTAL *****" ;;
  mp_cow_2 with w_cow;;
  mp_buf_2 with w_buf;;
  mp_tot2 with w_buf+w_cow

```

```

endif
sele tmp
skip
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----
Function ap_reclm1          && append rec to tmp file from master
*-----

```

```

set dele off
sele tmp
go top
sele mst
go top
do while .not. eof()
  sele tmp
  appe blan
  repl mp_gr_1      with mst->mc_group,;
    mp_sub_gr1 with mst->mc_sub_gr,;
    mp_month      with moncd,;
    mp_code       with mst->mc_code
  sele mst
  skip
enddo
set dele on
return .t.

```

```

*-----
function curkemi          && To display name
*-----

```

```

sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

```

```

*-----
function mheadm1
*-----

```

```

set devi to print
lct=0
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+>
      " KOLHAPUR"+CHR(18)
@lct,00 say chr(14)+"GOKUL      KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+!
      " KOLHAPUR"+CHR(18)
lct+=2
@lct,05 say "TOTAL MILK PROCUMENT/DISPOSAL /CAN DRIPPING & PLANT HANDLING"+;
      " REPORT FOR THE MONTH "+Mon+" - "+tran(cyear,"@!")
@++lct, 0 say dash_ln
*      12345678901234567890 123456789.1 123456789.1 123456789.1 1234567
89.1
@++lct, 0 say "      MILK PROC.DETAIL          | BUFF.MILK | COW MILK  | TOT.MILK
      " MILK DISPO. DETAIL          | BUFF.MILK | COW MILK  | TOT.MILK"
@++lct, 0 say dash_ln
Retu .t.

```

```

    inkey(0.2)
    retu .f.
endif
tmp_gr1=code1
retu .t.

```

```

*****
Function get_gr2          && Get Group Code
*****

```

```

private code2
code2 = readvar()
code2 = &code2
tmp_gr2=code2
retu .t.

```

```

*****
Function code_chkml      && Display Group Name
*****

```

```

private code1
code1 = readvar()
code1 = &code1
if code1=spac(1)
    cryout("Code Should not be space")
    inkey(1)
    flashout("")
    retu .f.
endif
sele mst
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if !found()
    cryout("Code not found in master ...")
    inkey(1)
    flashout("")
    sele tmp
    retu .f.
else
    @4, 00 say mst->mc_desc
    sele tmp
    retu .t.
endif
sele tmp
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if found()
    cryout("Code Already Exist Can't Add")
    inkey(1)
    flashout("")
    retu .f.
endif
retu .t.

```

```

-----
Function tempml          && temp file name
-----

```

```

private i,fname
i = 01
do while .T.
    fname = "McTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo

```

```
return left(fname,6)
```

```
*-----
Function tempml1      && temp file name
*-----
```

```
private i,fname
i = 01
do while .T.
    fname = "MTTMP" + strzero(i,2) + ".dbf"
    if file("&fname")
        i = i + 1
    else
        exit
    endif
enddo
return left(fname,6)
```

```
*-----
Function copy_recml  && copies record to temp for editing
*-----
```

```
sele tmp
zap
sele trn
set softseek on
seek key
do while mp_month = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl mp_gr_1      with trn->mp_gr_1,;
    mp_sub_gr1 with trn->mp_sub_gr1,;
    mp_code      with trn->mp_code,;
    mp_month     with trn->mp_month,;
    mp_buf_1    with trn->mp_buf_1,;
    mp_cow_1    with trn->mp_cow_1,;
    rec_no      with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.
```

```
*-----
Function del_recml   && deletes Full
*-----
```

```
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.
```

```
*-----
```

Function get\_totml                    && Routewise Total

```
*-----
set dele off
sele tmp
go top
stor 0 to mt_cow, mt_buf

do while .not. eof()
  if deleted()
    skip
    loop
  endif
  stor 0 to mt_cow1, mt_buf1, mt_cow2, mt_buf2
  do while mp_gr_1 # 7 .and. pm_gr_2 #13 .and. !eof()
    mt_cow1 += mp_cow_1
    mt_buf1 += mp_buf_1
    mt_cow2 += mp_cow_2
    mt_buf2 += mp_buf_2
  sele tmp
  skip
  enddo
  @16, 5 say "MILK PROC. TOTAL    BUF QTY.                    COW QTY."
  @17, 23 say +tran(mt_BUF1, "@Z #####.#")+                    "+"
               tran(mt_COW1, "@Z #####.#")
  @19, 5 say "MILK DISP. TOTAL BUFF. QTY.                    COW QTY."
  @20, 23 say +tran(mt_BUF2, "@Z #####.#")+                    "+"
               tran(mt_COW2, "@Z #####.#")

enddo
sele tmp
go top
set dele on
return .t.
```

\*-----  
Function ap\_recml                    && append rec to trn file from temp

```
*-----
set dele off
sele tmp
go top
srno = 0
do while .not. eof()
  if deleted()
    sele trn
    mpl_delete(dly, try, tmp->rec_no)
  else
    if tmp->rec_no = 0
      sele trn
      mpl_append(dly, try)
    else
      sele trn
      go tmp->rec_no
      mpl_rlock(dly, try)
    endif
  sele trn
  repl mp_gr_1        with tmp->mp_gr_1,;
    mp_sub_gr1 with tmp->mp_sub_gr1,;
    mp_month        with MonCd,;
    mp_buf_1        with tmp->mp_buf_1,;
    mp_cow_1        with tmp->mp_cow_1,;
    mp_code         with tmp->mp_code ,;
    rec_no          with rec
```



```

@lct,5 say "GOKUL          KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+;
        " KOLHAPUR"
@lct,5 say "GOKUL          KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD.,"+;
        " KOLHAPUR"
lct+=2
@ lct,05 say "BRANCHWISE MILK PROC./CAN DRIP./PLANT HAND.EXCESS & HAND.SHOR.F
@++lct,30 say "FOR THE MONTH "+Mon+"-"+tran(cyear,"@!")
@++lct, 0 say dash_ln
*          12345678901234567890 123456789.1 123456789.1 123456789.1 123456
89.1
@++lct, 0 say "          MILK DETAILS          KOLHAPUR  GADHINGLAJ"+;
        "          BORVADE          TOTAL"
@++lct, 0 say dash_ln
Retu .t.

```

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REPORT"

789.1 12345678

```

mis_m2()
retu .t.
function mis_m2
***** shree Ram *****
* BRANCHWISE MILK PROC./CAN DRIP./PLANT HAND.EXCESS & HAND.SHOR.REPORT *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off
decl mon_nm[12]
mon_nm[01]="JAN"
mon_nm[02]="FEB"
mon_nm[03]="MAR"
mon_nm[04]="APR"
mon_nm[05]="MAY"
mon_nm[06]="JUN"
mon_nm[07]="JUL"
mon_nm[08]="AUG"
mon_nm[09]="SEP"
mon_nm[10]="OCT"
mon_nm[11]="NOV"
mon_nm[12]="DEC"

priv fnm,let
stor 0 to mp_gr_1, mp_sub_gr1,p_buf_1, p_cow_1, p_buf_2, p_cow_2, p_buf_3
stor 0 to tmp_gr,prv_gr_1,tmp_gr_1,tmp_gr_3,prv_code,g_buf,g_cow,g_buf_cow
stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot ,avg_kop ,avg_bor,avg_gad
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1,Moncd, avg_bc_tot
stor 0 to mp_buf_2, mp_cow_2,mp_buf_3, mp_cow_3,Monday, p_cow_3,let
private add_ans
fnm=spac(10)
mon=spac(10)
sys_clr=.f.
ok_tot = .F.
dly = 0.5          && delay in seconds
try = 1           && no of tries
rec = 0          && record no required for deletion of records
*
if sys_clr
  dmast = "g+/bg"          && for display color
  lmast = "gr+/b"         && for light bar color
  gmast = "g+/rb"        && for get color
  ms = "w+/g"            && main menu display color
  me = "gr+/b"           && main menu light bar color
else
  dmast = "w/n"           && for display color
  lmast = "w+/w"         && for light bar color
  gmast = "n/w"          && for get color
  ms = "n+/w"           && main menu Display color
  me = "n/w"             && main menu Light bar Color
endif

```

```

del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2
private prv_clor,p_row,p_col,prv_scr
p_col = col()
p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
MonDay=31
cyear="94"
tst=spac(11)
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
clea
@1,0 to 9,79
set colo to n/w
@ 1,(80 - len(ttl))/2 say ttl
set colo to
@3,2 SAY "Month code :"
@3,16 get MonCd pict "99" valid !empty(MonCd)
read
mon=mon_nm[moncd]
mon=alltrim(mon)
set colo to w+*
@3,25 say Mon+"-"+cyear
set colo to
set cursor on
@4,2 say "Month Days :"
@4,16 get Monday pict "99" valid !empty(Monday)
@5,2 say "Year      :"
@5,16 get cyear pict "!!"
read
use
mpl_use("0","MMPRC94",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")
sele trn
index on mp_month to mmprc
set index to mmprc

key=MonCd
sele trn
seek key
if found()
    dash_ln=repl("-",87)
    fname = "MISM2" + strzero(key,2) + ".txt"
    set prin to &fname
    set devi to prin
    mheadm2()
    sele trn
    do while !eof()
        sele trn
        prv_code=trn->mp_code
        do while prv_code=trn->mp_code .and. !eof()
            sele trn
            prv_gr_1=0
            prv_gr_2=0
            set devi to scree
            set colo to n/w
            @16,12 say "Pl. Wait Printing is In Progress"
            set colo to
            set devi to prin
            sele trn

```

```

tmp_gr_1=trn->mp_gr_1
prv_gr_1=trn->mp_gr_1
desg=spac(40)

```

```

do while tmp_gr_1=mp_gr_1 .and. leof()
  sele trn
    if mp_gr_1= 2 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
      LCT+=2
      @lct,04 say "1.MILK PROCURMENT BUFF."
      sele trn
        skip
        p_buf_1=trn->mp_buf_1
        p_cow_1=trn->mp_cow_1
        skip
        p_buf_2=trn->mp_buf_1
        p_cow_2=trn->mp_buf_1
        skip
        p_buf_3=trn->mp_buf_1
        p_cow_3=trn->mp_buf_1
        r_buf      = p_buf_1+p_buf_2+p_buf_3
        r_cow      = p_cow_1+p_cow_2+p_cow_3
        kop        = p_buf_1+p_cow_1
        gad        = p_buf_2+p_cow_2
        bor        = p_buf_3+p_cow_3
        bc_tot     = r_buf+r_cow
        avg_kop    = kop
        avg_bor    = bor
        avg_gad    = gad
        avg_bc_tot= bc_tot

```

```

@lct,30 say tran(p_buf_1,"@Z #####.##")+ " "+tran(p_buf_2,"@Z #####.##")
tran(p_buf_3,"@Z #####.##")+ " "+tran(r_buf,"@Z #####.##")

```

```
LCT+=2
```

```
@lct,04 say "          COW"
```

```
@lct,30 say tran(p_cow_1,"@Z #####.##")+ " "+tran(p_cow_2,"@Z #####.##")
tran(p_cow_3,"@Z #####.##")+ " "+tran(r_cow,"@Z #####.##")

```

```
LCT+=2
```

```
@lct,04 say "          TOTAL"
```

```
@lct,30 say tran(KOP,"@Z #####.##")+ " "+tran(GAD,"@Z #####.##")+ " "+
tran(BOR,"@Z #####.##")+ " "+tran(BC_TOT,"@Z #####.##")

```

```
LCT+=2
```

```
@lct,00 say dash_ln
```

```
LCT+=2
```

```
@lct,04 say "2.DAILY AVG. PROCURMENT"
```

```
@lct,30 say tran(KOP/MonDay,"@Z #####.##")+ " "+tran(GAD/MonDay,"@Z #####.##")
" "+tran(BOR/Monday,"@Z #####.##")+ " "+tran(BC_TOT/MonDay,"@Z #####.##")

```

```
LCT+=2
```

```
@lct,00 say dash_ln
```

```
stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot
```

```
endi
```

```
if mp_gr_1=4 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
```

```
LCT+=2
```

```
@lct,04 say "3.CAN DRIPP. MILK BUFF."
```

```
sele trn
```

```
skip
```

```
p_buf_1=trn->mp_buf_1
```

```
p_cow_1=trn->mp_cow_1
```

```
skip
```

```
p_buf_2=trn->mp_buf_1
```

```
p_cow_2=trn->mp_buf_1
```

```
skip
```

```

p_buf_3=trn->mp_buf_1
p_cow_3=trn->mp_buf_1

r_buf      = p_buf_1+p_buf_2+p_buf_3
r_cow      = p_cow_1+p_cow_2+p_cow_3
kop        = p_buf_1+p_cow_1
gad        = p_buf_2+p_cow_2
bor        = p_buf_3+p_cow_3
bc_tot     = r_buf+r_cow

@lct,30 say tran(p_buf_1,"@Z #####.##")+ " "+tran(p_buf_2,"@Z #####.##")
tran(p_buf_3,"@Z #####.##")+ " "+tran(r_buf,"@Z #####.##")
LCT+=2
@lct,04 say "                COW"
@lct,30 say tran(p_cow_1,"@Z #####.##")+ " "+tran(p_cow_2,"@Z #####.##")
tran(p_cow_3,"@Z #####.##")+ " "+tran(r_cow,"@Z #####.##")
LCT+=2
@lct,04 say "                TOTAL"
@lct,30 say tran(KOP,"@Z #####.##")+ " "+tran(GAD,"@Z #####.##")+ " "+
tran(BOR,"@Z #####.##")+ " "+tran(BC_TOT,"@Z #####.##")
LCT+=2
@lct,00 say dash_ln
LCT+=2
@lct,04 say "STD. WITH TOTAL PROC."
@lct,30 say tran((KOP*100)/avg_kop,"@Z #####.##")+ " "+
tran((GAD*100)/avg_gad,"@Z #####.##")+ " "+
tran((BOR*100)/avg_bor,"@Z #####.##")+ " "+
tran((BC_TOT*100)/avg_bc_tot,"@Z #####.##")
LCT+=2
@lct,00 say dash_ln
stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot
endi
if mp_gr_1= 5 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
LCT+=2
@lct,04 say "4.PLANT HAND.EXCE.BUFF."
sele trn
skip
p_buf_1=trn->mp_buf_1
p_cow_1=trn->mp_cow_1
skip
p_buf_2=trn->mp_buf_1
p_cow_2=trn->mp_buf_1
skip
p_buf_3=trn->mp_buf_1
p_cow_3=trn->mp_buf_1

r_buf      = p_buf_1+p_buf_2+p_buf_3
r_cow      = p_cow_1+p_cow_2+p_cow_3
kop        = p_buf_1+p_cow_1
gad        = p_buf_2+p_cow_2
bor        = p_buf_3+p_cow_3
bc_tot     = r_buf+r_cow

@lct,30 say tran(p_buf_1,"@Z #####.##")+ " "+tran(p_buf_2,"@Z #####.##")
tran(p_buf_3,"@Z #####.##")+ " "+tran(r_buf,"@Z #####.##")
LCT+=2
@lct,04 say "                COW"
@lct,30 say tran(p_cow_1,"@Z #####.##")+ " "+tran(p_cow_2,"@Z #####.##")
tran(p_cow_3,"@Z #####.##")+ " "+tran(r_cow,"@Z #####.##")
LCT+=2
@lct,04 say "                TOTAL"
@lct,30 say tran(KOP,"@Z #####.##")+ " "+tran(GAD,"@Z #####.##")+ " "+

```

```

tran(BOR,"@Z #####.##")+ " "+tran(BC_TOT,"@Z #####.##")
      LCT+=2
      @lct,00 say dash_ln
      LCT+=2
      @lct,04 say "STD. WITH TOTAL PROC."
@lct,30 say tran((KOP*100)/avg_kop,"@Z #####.##")+ " "+;
tran((GAD*100)/avg_gad,"@Z #####.##")+ " "+;
tran((BOR*100)/avg_bor,"@Z #####.##")+ " "+;
tran((BC_TOT*100)/avg_bc_tot,"@Z #####.##")
      LCT+=2
      @lct,00 say dash_ln
      stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot
endi

if mp_gr_1= 7.and. mp_sub_gr1=0 .and. mp_code$"Ii"
      LCT+=2
      @lct,04 say "5.SUB STD. MILK  BUFF."
      sele trn
      skip
      p_buf_1=trn->mp_buf_1
      p_cow_1=trn->mp_cow_1
      skip
      p_buf_2=trn->mp_buf_1
      p_cow_2=trn->mp_buf_1
      skip
      p_buf_3=trn->mp_buf_1
      p_cow_3=trn->mp_buf_1

      r_buf      = p_buf_1+p_buf_2+p_buf_3
      r_cow      = p_cow_1+p_cow_2+p_cow_3
      kop        = p_buf_1+p_cow_1
      gad        = p_buf_2+p_cow_2
      bor        = p_buf_3+p_cow_3
      bc_tot     = r_buf+r_cow
@lct,30 say tran(p_buf_1,"@Z #####.##")+ " "+tran(p_buf_2,"@Z #####.##")
tran(p_buf_3,"@Z #####.##")+ " "+tran(r_buf,"@Z #####.##")
      LCT+=2
      @lct,04 say "          COW"
@lct,30 say tran(p_cow_1,"@Z #####.##")+ " "+tran(p_cow_2,"@Z #####.##")
tran(p_cow_3,"@Z #####.##")+ " "+tran(r_cow,"@Z #####.##")
      LCT+=2
      @lct,04 say "          TOTAL"
@lct,30 say tran(KOP,"@Z #####.##")+ " "+tran(GAD,"@Z #####.##")+ " "+;
tran(BOR,"@Z #####.##")+ " "+tran(BC_TOT,"@Z #####.##")
      LCT+=2
      @lct,00 say dash_ln
      LCT+=2
      @lct,04 say "STD. WITH TOTAL PROC."
@lct,30 say tran((KOP*100)/avg_kop,"@Z #####.##")+ " "+;
tran((GAD*100)/avg_gad,"@Z #####.##")+ " "+;
tran((BOR*100)/avg_bor,"@Z #####.##")+ " "+;
tran((BC_TOT*100)/avg_bc_tot,"@Z #####.##")
      LCT+=2
      @lct,00 say dash_ln
      stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot
endi

if mp_gr_1= 5 .and. mp_sub_gr1=0 .and. mp_code$"Ii"
      lct+=2
      @lct,04 say "6.PLANT HAND.SHOR.BUFF."
      sele trn

```

```

skip
p_buf_1=trn->mp_buf_1
p_cow_1=trn->mp_cow_1
skip
p_buf_2=trn->mp_buf_1
p_cow_2=trn->mp_buf_1
skip
p_buf_3=trn->mp_buf_1
p_cow_3=trn->mp_buf_1
r_buf      = p_buf_1+p_buf_2+p_buf_3
r_cow      = p_cow_1+p_cow_2+p_cow_3
kop        = p_buf_1+p_cow_1
gad        = p_buf_2+p_cow_2
bor        = p_buf_3+p_cow_3
bc_tot     = r_buf+r_cow

@lct,30 say tran(p_buf_1,"@Z #####.##")+ " "+tran(p_buf_2,"@Z #####.##")
tran(p_buf_3,"@Z #####.##")+ " "+tran(r_buf,"@Z #####.##")
lct+=2
@lct,04 say "                                COW"
@lct,30 say tran(p_cow_1,"@Z #####.##")+ " "+tran(p_cow_2,"@Z #####.##")
tran(p_cow_3,"@Z #####.##")+ " "+tran(r_cow,"@Z #####.##")
lct+=2
@lct,04 say "                                TOATL"
@lct,30 say tran(KOP,"@Z #####.##")+ " "+tran(GAD,"@Z #####.##")+ " "+
tran(BOR,"@Z #####.##")+ " "+tran(BC_TOT,"@Z #####.##")
lct+=2
@lct,00 say dash_ln
lct+=2
@lct,04 say "STD. WITH TOTAL PROC.  "
@lct,30 say tran((KOP*100)/avg_kop,"@Z #####.##")+ " "+;
tran((GAD*100)/avg_gad,"@Z #####.##")+ " "+tran((BOR*100)/avg_bor,"@Z #####.##")
" "+tran((BC_TOT*100)/avg_bc_tot,"@Z #####.##")
lct+=2
@lct,00 say dash_ln
stor 0 to r_buf,r_cow, kop ,bor, gad , bc_tot
endi
sele trn
skip
enddo
enddo
enddo
endif
clea
lct+=3
@lct, 13 say "Prepared By                                Asst. General Manager"
@lct, 13 say "Prepared By                                Asst. General Manager"
close all
set devi to screen
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.

*-----
function mheadm2
*-----
set devi to print
lct=0
lct+=2

```



```

mis_m3()
retu .t.
function mis_m3
***** shree Ram *****
* Program for Entry And Printing Monthly Avg. Milk Handling report Data *
* Date - Written - 23/07/1994. *
* Date - Compiled - 23/07/1994. *
*****

set date british
set talk off
set safety off
set unique off
set delete on
set status off
set curs on
set scor off
set excl off

decl mon_nm[12]
mon_nm[01]="JAN"
mon_nm[02]="FEB"
mon_nm[03]="MAR"
mon_nm[04]="APR"
mon_nm[05]="MAY"
mon_nm[06]="JUN"
mon_nm[07]="JUL"
mon_nm[08]="AUG"
mon_nm[09]="SEP"
mon_nm[10]="OCT"
mon_nm[11]="NOV"
mon_nm[12]="DEC"

priv srno,dt,dly,try, del_ans,key,app_ans,lct,mmoncd,prv_clor,p_row
priv p_col,prv_scr,rec_no
stor 0 to mp_gr_1, mp_sub_gr1, mp_date, mp_buf_1, mp_cow_1, rec_no,opt,mmoncd
private add_ans
sys_clr=.f.
ok_tot = .f.
dly = 0.5          && delay in seconds
try = 1           && no of tries
rec = 0           && record no required for deletion of records
*
if sys_clr
  dmast = "g+/bg"          && for display color
  lmast = "gr+/b"          && for light bar color
  gmast = "g+/rb"          && for get color
  ms = "w+/g"              && main menu display color
  me = "gr+/b"             && main menu light bar color
else
  dmast = "w/n"            && for display color
  lmast = "w+/w"           && for light bar color
  gmast = "n/w"            && for get color
  ms = "n+/w"              && main menu Display color
  me = "n/w"               && main menu Light bar Color
endif
del_ans = "n"
add_ans = "n"
store spac(12) to fx,fx1, fx2,mon,fnm,tst,ofname
p_col = col()

```

```

p_row = row()
prv_clor = setcolor()
prv_scr = savescreen(0,0,24,79)
cyear="94"
clea
@04,4 to 15,50 double
@06, 5 prompt "Data Entry ..."
@08, 5 prompt "Report Printing"
menu to opt
@10,5 say "Enter Year ...." get cyear pict "!!!!"
read
fnm="MISM3"+cyear
tst=alltrim(fnm)+".dbf"
if file("&tst")
    flashout("File exists "+fnm)
else
    cryout("Creating File "+fnm)
    sele 0
    crea &fnm from mism3stru
endif
use
mpl_use("0",&tst",.f.,"trn",dly,try,"")
flashout("Indexing Transaction")

sele trn
Index On Moncd to &fnm
set index to &fnm

fx = tempm3()                && for temp file name
sele 0
crea &fx from mism3stru
use
mpl_use("0",&fx",.T.,"tmp",dly,try,"")

sele tmp
index on Moncd to &fx
set index to &fx

private hldg, fld, pic, pre, val, cuf, cuk, kfun, kval,ffld,ffval
decl hldg[04], fld[04], pic[04], pre[04], val[04]
decl cuf[6], cuk[6], kfun[1], kval[1], ffld[2], ffval[2]

hldg[01] = "SrNo"
fld[01] = "Srno"
pic[01] = "##"
pre[01] = ".t."
val[01] = "get_grim3()"

hldg[02] = "Description"
fld[02] = "desc"
pic[02] = "@!"
pre[02] = ".t."
val[02] = ".t."

hldg[03] = "BUF. MILK"
fld[03] = "buff"
pic[03] = "#####.#"
pre[03] = ".t."
val[03] = ".t."

hldg[04] = "COW MILK"

```

```
fld[04] = "cow"
pic[04] = "#####.#"
pre[04] = ".t."
val[04] = ".t."
```

```
*-----Curssor function & its key values
```

```
cuf[1] = "curkem3()"
cuk[1] = 24
```

```
*
cuf[2] = "curkem3()"
cuk[2] = 5
```

```
*
cuf[3] = "curkem3()"
cuk[3] = 18
```

```
*
cuf[4] = "curkem3()"
cuk[4] = 3
```

```
*
cuf[5] = "curkem3()"
cuk[5] = 31
```

```
*
cuf[6] = "curkem3()"
cuk[6] = 30
```

```
*
kfun[1] = "copy_ext()" && Key Function & its key value
kval[1] = -30
```

```
*----- Fix field and fix value for that field
*-----
```

```
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,"
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl
@2,2 say "MONTH CD :"
set cursor on
if opt=1
  do while .t.
    flashout("")
    @ 2,16 get MMonCd pict "99" valid !empty(MMonCd)
    read
    key=mmoncd
    mon=mon_nm[Mmoncd]
    mon=alltrim(mon)
    set colo to w+*
    @2,25 say Mon+"-"+cyear
    set colo to
    if empty(mmoncd) .or. lastkey() = 27
      exit
    endif
    sele trn
    seek key
    if !found()
      flashout("New Date addition ...Do You Want to Add<Y/N>")
      del_ans='y'
      @0,48 get del_ans
      read
      if lower(del_ans) = 'n'
        ringbell()
        loop
      endif
    else
```

```

    if .not. mpl_rlock(dly,try)
        loop
    endif
    del_ans='m'
    flashout("Date Exists, Modify/Exit/Delete ? <M/E/D>")
    @0,45 get del_ans
    read
    if lower(del_ans) = 'e'
        ringbell()
        loop
    else
        if lower(del_ans)='d'
            cryout("Deleting All records of route ")
            del_rm3()                && deletion
            loop
        else
            flashout("Editing Existing Route .....")
        endif
    endif
    sele tmp
    copy_recm3()                    && copies record to temp for edit
endif
set dele on
set color to
set excl on
do while .t.
    sele tmp
    set curs on
    addvwedt(05,00,20,70,hldg,fld,pic,pre,val,.t.,.t.,kfun,kval,.t.,.t.,3,3,"&dmast
ata Entry",".t.",".t.")
    ok_tot = .f.
    *get_tot()
    if lastkey() = 27
        exit
    endif
enddo
set excl off
ap_recm3()
sele trn
commit
enddo
unlock all
close data
fx = "&fx"+" .dbf"
erase &fx

fx = "&fx"+" .ntx"
erase &fx
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
retu .t.
endi
if opt=2
clear screen
ttl="Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd.,Kolhapur"
dash_ln=replicate("-",90)
curs_stat(.t.)
@1,0 to 3,79
@ 1,(80 - len(ttl))/2 say ttl

```

```

@2,2 say " Date :"
@ 2,16 get MMonCd pict "99" valid !empty(MMonCd)
read
key=mmoncd
mon=mon_nm[Mmoncd]
mon=alltrim(mon)
set colo to w+*
@2,25 say Mon+"-"+cyear
set colo to
set cursor on
Ofname = "MISM3" + strzero(key,2) + ".txt"
set prin to &Ofname
set devi to prin
sele trn
seek key
if found()
    mheadM3()
    do while !eof()
        sele trn
@++lct,00 say tran(srno,"@Z ##")+ " "+tran(desc,"@!")+ " "+tran(buff,"@Z ###
" "+tran(cow,"@Z #####.##")+ " "+tran(buff+cow,"@Z #####.##")
        skip
    enddo
endif
endif
@++lct, 0 say dash_ln
lct+=2
@++lct, 60 say " Incharge"
@++lct, 60 say "Milk Chiling Centre Bidri"
close all
set devi to screen
clea
restscreen(0,0,24,79,prv_scr)
setcolor(prv_clor)
@p_col,p_row say ""
flashout("")
return .t.
*****
Function qty_chkM3                && quantity check while get
*****
private code,qty
code = readvar()
qty = &code
if qty = 0 .or. qty < 0
    cryout("Invalid Quantity.....")
    inkey(1)
    flashout("")
    return .f.
endif
return .t.

*****
Function get_grim3                && Get Group Code
*****
private code1
code1 = readvar()
code1 = &code1
if code1=0
    cryout("Code Should not be zero")
    inkey(0.2)
    retu .f.

```

```
endif
tmp_gr1=code1
retu .t.
```

```
*****
Function get_gr2m3          && Get Group Code
*****
private code2
code2 = readvar()
code2.= &code2
tmp_gr2=code2
retu .t.
*****
```

```
Function code_chkm3        && Display Group Name
*****
private code1
code1 = readvar()
code1 = &code1
if code1=spac(1)
  cryout("Code Should not be space")
  inkey(1)
  flashout("")
  retu .f.
endif
sele mst
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if !found()
  cryout("Code not found in master ...")
  inkey(1)
  flashout("")
  sele tmp
  retu .f.
else
  @4, 00 say mst->mc_desc
  sele tmp
  retu .t.
endif
sele tmp
seek code1+str(tmp->mp_gr_1,2)+str(tmp->mp_sub_gr1,2)
if found()
  cryout("Code Already Exist Can't Add")
  inkey(1)
  flashout("")
  retu .f.
endif
retu .t.
```

```
-----
Function tempm3          && temp file name
-----
private i,fname
i = 1
do while .T.
  fname = "MMHTMP" + strzero(i,2) + ".dbf"
  if file("&fname")
    i = i + 1
  else
    exit
  endif
enddo
return left(fname,8)
```

```

*-----
Function copy_rec3      && copies record to temp for editing
*-----
sele tmp
zap
sele trn
set softseek on
seek key
do while trn->moncd = key .and. !eof()
    rec = recno()
    sele tmp
    appe blank
    repl moncd   with trn->moncd,;
    srno        with trn->srno,;
    desc        with trn->desc,;
    buff        with trn->buff,;
    cow         with trn->cow,;
    rec_no      with rec
    sele trn
    skip
enddo
set softseek off
clear typeahead
sele tmp
go top
return .t.

```

```

*-----
Function del_rm3       && deletes
*-----
sele trn
set softseek on
seek key
do while mp_date = key .and. !eof()
    sele trn
    rec = recno()
    skip
    mpl_delete(dly,try,rec)
enddo
set softseek off
return .t.

```

```

*-----
Function ap_rec3      && append rec to trn file from temp
*-----
set dele off
sele tmp
go top
srno = 0
do while .not. eof()
    if deleted()
        sele trn
        mpl_delete(dly,try,tmp->rec_no)
    else
        if tmp->rec_no = 0
            sele trn
            mpl_append(dly,try)
        else
            sele trn
            go tmp->rec_no
            mpl_rlock(dly,try)

```

```

endif
sele trn
repl moncd with mmoncd,;
srno with tmp->srno,;
desc with tmp->desc,;
buff with tmp->buff,;
cow with tmp->cow,;
rec_no with rec
sele tmp
skip
endif
enddo
unlock
sele tmp
zap
set dele on
return .t.

```

```

*-----
function curkem3      && To display name
*-----
sele mst
seek str(trn->mp_group,2)+str(trn->mp_sub_gr,2)
@23,05 say mst->mc_desc
sele tmp
return .t.

```

```

*-----
function mheadm3
*-----
set devi to print
lct=0
lct+=2
@lct,5 say "GOKUL          KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., KOLHAP
@lct,5 say "GOKUL          KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., KOLHAP
lct+=2
@ lct,05 say "MONTHLY AVG. MILK HANDLING REPORT FOR THE MONTH "+Mon+"-"+tran(cy-
@++lct, 0 say dash_ln
*      1234  123456789012345678901234567890 123456789.1  123456789.1 12
@++lct, 0 say "S.N.      M I L K   D E T A I L S          BUFF.
@++lct, 0 say dash_ln
Retu .t.

```



## 5.5 Computer Output

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Following are reports generated through software package developed -

1. Daily Milk Procurement and Cattle feed Production.
2. Daily Milk Procurement and Disposal.
3. Sour Milk report.
4. Daily Milk and Milk Products report.
5. Report of Finished product godwon.
6. Daily Milk Sales.
7. Cattle feed production and sale.
8. Buffelo and cow milk procurement and disposal for 10 Days.
9. Monthly milk procurement, disposal and plant handling.
10. Monthly Branchwise Milk Procurement, can dripping, plant handling excess and shortage.
11. Monthly Milk procurement and disposal register.

GOKUL

KOLHAPUR ZILLA SAHAKARI DUDH UTPADAK SANGH LTD. KOLHAPUR 18  
GOKUL PROJECT, PLAT NO. B-1, M.I.D.C., GOKUL SHIRGAON Date : 10/

MILK PROCURMENT AND CATTLE FEED PRODUCTION ON DATE : 12/08/94

S.NO	C H I L L I N G C E N T R E	BUFF. MILK	COW MILK	TOTAL MILK
1	GOKUL PROJECT	84600.00	48600.00	133200.00
2	BORAVADE C. C .	59000.00	33000.00	92000.00
3	GADHINGLAJ C.C.	72500.00	22500.00	95000.00
4	TOTAL MILK PROCUREMENT	216100.00	104100.00	320200
5	LAST YEAR TOTAL MILK PROCUREMENT	203869.00	98502.00	302371
6	DIFFERENCE LITERS	12231.00	5598.00	17829.00
7	DIFFERENCE PERCENTAGE (+/-)	5.66	5.38	5.5

C A T T L E F E E D P L A N T Date :- 12/08/94

S.NO	P A R T I C U L A R S	PRODUCTION In M.Tones	SALES In M.Tone
1	PALLETS	162.330	110.600
2	MASH		
	TOTAL	162.330	110.600

SENIOR OFFICER ( M.I.S. )

Copy to -

- 1) Hon. Chairmansao
- 2) Hon. Managing Director
- 3) General Manager
- 4) Manager (Training Centre)
- 5) Manager (Procurement)
- 6) Incharge Gadhinglaj C. C.
- 7) Incharge Borvade C. C.
- 8) M.I.S.

BORAVDE / GADHINGLAJ / KOLHAPUR TOTAL MILK PROCUREMENT AND DISPOSAL REPORT DATE : 15/11/94

MILK PROC. DETAIL	BUFF. MILK	COW MILK	TOT. MILK	MILK DISPO. DETAIL	BUFF. MILK	COW MILK	TOT. MILK
1 OPENING BALANCE				1 BOMBAY WASHI BRANCH	196070.0	66008.0	262078.0
A> OPENING BALANCE-BOR.C.C	15251.0		15251.0	2 PUNE BRANCH	21899.0		21899.0
B> OPENING BALANCE-GAD.C.C	500.0		500.0	3 GOA DUDH SANGH			
C> OPENING BALANCE-KOLHAPUR	145233.0	37847.2	183080.2	A> GOA DUDH SANGH - BOR.C.C		9220.0	9220.0
**** TOTAL ****	160984.0	37847.2	198831.2	B> GOA DUDH SANGH - GAD.C.C		9095.0	9095.0
				**** TOTAL ****		18315.0	18315.0
2 MILK PROCUREMENT				4 LOCAL SALES			
A> MILK PROCUREMENT-BOR.C.C	81984.0	37941.3	119925.3	A> SALES AT KOLHAPUR.	34012.0	80.0	34092.0
B> MILK PROCUREMENT-GAD.C.C	111011.8	24914.6	135926.4	B> SALES AT ICHALKARANGI	3340.0		3340.0
C> MILK PROCUREMENT-KOP.	126302.0	59634.7	185936.7	C> SALES AT JAYASINGPUR	350.0		350.0
**** TOTAL ****	319297.8	122490.6	441788.4	D> SALES AT RATNAGIRI	5500.0		5500.0
D> MILK PROCUREMENT-R.C.M.				E> SALES AT RAJAPUR	600.0		600.0
E> MILK PROC.-PRIVATEPARTY				F> SALES AT CHIPLUN	2600.0		2600.0
F> FLVAROUD MILK PROC.				G> SALES AT PETH VADGAON	410.0		410.0
**** TOTAL ****	319297.8	122490.6	441788.4	H> SALES AT KANKAVALI	630.0		630.0
				**** TOTAL ****	47442.0	80.0	47522.0
3 MILK MIXED FOR STANDER.				5 MAHANANDA(MAHASANGH)	8989.0	10959.0	19948.0
A> C/M MIX IN B/M-BOR.C.C.				6 PRIVATE PARTIES	8435.0		8435.0
C/M MIX IN B/M-GAD.C.C.				7 FLAVOURED MILK SALES			
C/M MIX IN B/M-KOP.	2100.0		2100.0	8 MILK USED FOR SEPERATION	9880.0	31800.0	130600.0
B> B/M MIX IN C/M-BOR.C.C				9 MILK USED FOR SHRIKHAND	800.0		800.0
B/M MIX IN C/M-GAD.C.C.				**** TOTAL ****	800.0		800.0
B/M MIX IN C/M-KOP.	10700.0		10700.0	10 OTHER USES			
C> SKIM MILK MIX IN B/M	4000.0		4000.0	A> FOR FLAVOURED MILK			
D> BUTTER MILK MIX IN B/M				B> OTHER MILK - 2			
E> R.C.M. MIX IN B/M				C> OTHER MILK - 3			
F> STD. MILK MIX IN B/M				**** TOTAL ****			
G> CREAM MIX IN B/M				11 MILK MIXED FOR STD.			
H> FLVAROUD MILK MIX B/M				A> C/M MIX IN B/M-BOR.C.C.			
**** TOTAL ****	16800.0		16800.0	C/M MIX IN B/M-GAD.C.C.			
				C/M MIX IN B/M-KOP.C.C.		2100.0	2100.0
4 CAN DRIPP. & SAMPLE MILK				B> B/M MIX IN C/M-BOR.C.C.			
A> CAN DRIPP. - BOR.C.C.	90.0	60.0	150.0	B/M MIX IN C/M-GAD.C.C.			
B> CAN DRIPP. - GAD.C.C	190.0	70.0	260.0	**** TOTAL ****			
C> CAN DRIPP. - KOLHAPUR	503.8	130.0	633.8	12 CLOSING BALANCE			
**** TOTAL ****	783.8	301.7	1085.5	A> CLOSING BALANCE-BOR.C.C.	1500.0	1500.0	3000.0
				B> CLOSING BALANCE-GAD.C.C.	83.8	10257.6	10341.4
5 PLANT HAND. EXCESS MILK							
A> PLANT HAND. EXC. MILK-BOR	1661.0	301.7	1962.7				
B> PLANT HAND. EXC. MILK-GAD							
C> PLANT HAND. EXC. MILK-KOP							
**** TOTAL ****	1661.0	301.7	1962.7				

6 LESS: SOUR MILK PROCUREMENT	1423.0	929.0	2352.0	115460.4	145916.7
**** TOTAL ( 1+2+3+4+5-6 )	498103.6	159840.5	657944.1	30456.3	145916.7
7 SUB-STANDARD MILK					
A> SUB-STD.MILK - BOR.C.C.	1164.3	1634.2	2798.5	208.2	330.4
B> SUB-STD.MILK - GAD.C.C.	2379.9	1500.8	3880.7	208.2	330.4
C> SUB-STD.MILK - KOLHAPUR	2013.6	1377.2	3390.8	122.2	122.2
**** TOTAL ****	5557.8	4512.2	10070.0	498103.6	159840.5
**** TOTAL ( 1 TO 13 )					657944.1

Prepared By

Asst. General Manager

GOKUL KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., KOLHAPUR

BORAVDE / GADHINGLAJ / KOLHAPUR TOTAL SOUR MILK PROCUREMENT AND DISPOSAL REPORT DATE : 15/11/94

MILK PROC.DETAIL	IBUFF.MILKICOW	MILK	TOT.MILK	MILK DISPO. DETAIL	IBUFF.MILKICOW	MILK	TOT.MILK	REMARK
1 OPENING BALANCE				1 MILK USED FOR BUTTER				
- BOR.C.C.C.	153.0	86.0	239.0	- BOR.C.C.C.				
- GAD.C.C.C.	920.0	531.0	1451.0	- GAD.C.C.C.	1523.0	653.0	2176.0	
- KOLHAPUR				- KOLHAPUR	137.0	263.0	400.0	
TOTAL	1073.0	617.0	1690.0					
2 SOUR MILK IN TOT MILK PROCU				TOTAL	1660.0	916.0	2576.0	
BOR.C.C.C.	683.0	478.0	1161.0	2 SOUR MILK SALES				
- SANGH				- BOR.C.C.C.				
- SOCIETY				- GAD.C.C.C.				
- CONTRACTOR				- KOLHAPUR				
TOTAL	683.0	544.0	1227.0					
GAD.C.C.C.	603.0	122.0	725.0					
- SANGH								
- SOCIETY								
- CONTRACTOR								
TOTAL	603.0	122.0	725.0					
KOLHAPUR	137.0	99.0	229.0	TOTAL	836.0	630.0	1466.0	
- SANGH				3 CLOSING BALANCE				
- SOCIETY				- BOR.C.C.C.				
- CONTRACTOR				- GAD.C.C.C.				
TOTAL	137.0	263.0	400.0	- KOLHAPUR				
GAD.C.C.C.	1423.0	99.0	1522.0					
- SANGH								
- SOCIETY								
- CONTRACTOR								
TOTAL	1423.0	929.0	2352.0					
KOLHAPUR	2496.0	1546.0	4042.0	4 GRAND TOTAL (1 TO 3)	2496.0	1546.0	4042.0	
- SANGH								
- SOCIETY								
- CONTRACTOR								
TOTAL	2496.0	1546.0	4042.0					
3 GRAND TOTAL (1+2)	2496.0	1546.0	4042.0					

Prepared By

Asst. General Manager

Kolhapur Zilla Sahakari Dudh Utp. Sangh Ltd., Kolhapur.  
(Gokul Project)

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MILK & MILK PRODUCTS DAILY REPORT

Date 16/04/94

Particulars	B/M	C/M	Total
<b>I MILK</b>			
1 Opening Balance	1,26,800.0	24,800.0	1,51,600.0
2 Reciept	21,300.0		21,300.0
3 In Cans	1,20,920.1	57,194.5	1,78,114.6
4 In Tankers	1,65,174.0	39,380.0	2,04,554.0
Total	3,07,394.1	96,574.5	4,03,968.6
Grand Total	4,34,194.1	1,21,374.5	5,55,568.6
<b>II SOURCEWISE RECEIPT</b>			
1 Gokul Project	1,20,920.1	57,194.5	1,78,114.6
2 C.C.Gadhinglaj	67,231.0	9,095.0	76,326.0
3 C.C. Borwade	97,943.0	30,255.0	1,28,198.0
Total	2,86,094.1	96,544.5	3,82,638.6
Others			
Grand Total	2,86,094.1	96,544.5	3,82,638.6
<b>III DISPOSAL OF MILK</b>			
1 Local Sale	66,791.0		66,791.0
2 Used for Seperation	79,300.0		79,300.0
3 Mixed B/M		21,300.0	21,300.0
4 K.D.S. Washi	1,72,095.0	55,302.0	2,27,397.0
5 Mahananda	9,008.0	10,047.0	19,055.0
6 Vadilal	9.0		9.0
7 Air lock loss	198.1	225.5	423.6
Total	3,27,401.1	86,874.5	4,14,275.6

## DAILY MILK PRODUCT REPORT

DATE :07/06/94

SN	PER TICULARS	OPENING BALANCE	PRODUCED	TOTAL	SALES	TO DAIRY	CL. BALANCE
1	BADAM-PISTA SHRIKHAND						
	1 K.G. Polythene Bag	50.00		50.00			50.0
	500 Gms. Polythene Bag	615.00		615.00	80.00		535.0
	500 Gms. Cup	854.00		854.00	96.00		758.0
	250 Gms. Cup	197.25	202.00	399.25	102.00		297.3
	100 Gms. Cup	130.40		130.40	48.00		82.4
	Loose	30.00		30.00	30.00		
2	MANGO SHRIKHAND						
	500 Gms. Cup	227.00		227.00	30.00		197.0
	250 Gms. Cup	235.25		235.25	12.00		223.3
	100 Gms. Cup	469.70		469.70	4.00		465.7
	Loose	9.00		9.00			9.0
3	GHEE						
	15 K.G. Tin	90.00		90.00			90.0
	1 K.G. Polythene Bag	8.00		8.00			8.0
	500 Gms. Polythene Bag	142.50		142.50	140.00		2.5
	Loose						
	SOUR GHEE						
4	SKIMMED MILK POWDER						
	Shetkari Sangh(Godawari)	129600.00		129600.00			129600.0
	25 K.g. Bag	655150.00		655150.00		14500.00	640650.0
	1 K.g. Bag	10900.00	14500.00	25400.00	5000.00	4000.00	16400.0
	500 Gms. Bag	1805.00		1805.00			1805.0
	100 Gms. Bag						
5	WHOLE MILK POWDER						
		584950.00		584950.00	20000.00		564950.0
6	TABLE BUTTER						
	500 Gms.	173.00		173.00	50.00		123.0
	100 Gms.	106.20		106.20	10.00		96.2
7	BUTTER						
	White Butter	76960.00		76960.00		5100.00	71860.0
	Yellow Butter	2100.00		2100.00			2100.0
	Sunrise Butter(White)	111660.00		111660.00			111660.0
	Sunrise Butter(Yellow)						
8	CREAM						

Officer store

Hon. Chairmanso

Sr. Officer Store



GOKUL KOLHAPUR ZILLA SAHA.DUDH UTPADAK SANGH LTD.,KOLHAPUR  
DAILY MILK SALES REPORT DATE :21/09/94

SNO	P E R T I C U L A R S	COW MILK (LTR)	STD.MILK (LTR)
1	KAJAL INTERNATIONAL COMMPANY	4140.00	8580.00
2	KAJAL ASSOCIATIONS		6000.00
3	KAJAL TRAI DORS		4000.00
4	LAKSHMI DISTRIBUTORS	1500.00	2500.00
5	KOMAL DISTRIBUTORS		250.00
6	SHRIKRUSHNA STORES	400.00	2710.00
7	GOKUL DISTRIBUTORS	3610.00	14070.00
8	RAJWADE H. U. F.		
9	SHREE INTERPRISES	3000.00	8590.00
10	MANINI AGEENCIES	3220.00	5320.00
11	OMSAI	5490.00	7770.00
12	NITANIND ANGENCIES	2150.00	5000.00
13	GURUKRUPA AGENCIES		3950.00
14	SHIRMAN DISTRIBUTORS	300.00	3850.00
15	PANCHVARNAM AGENCIES		1000.00
16	VAIBHAV DISTRIBUTORS	200.00	400.00
17	SWAMI SWRAPANAND		
18	OM AGENCIES		
19	GIRIDHARI DISTRIBUTORS	920.00	102660.00
20	YOGESH AGENCIES	550.00	300.00
TOTAL PACK SALE		25480.00	176950.00
1	MORAYYA		
2	KARANDE		
3	RAVI MILK		
4	KAVITA		
5	ONKAR		
TOTAL BROKEN SALE			
TOTAL PACK SALE		25480.00	176950.00
TOTAL BROKEN SALE			
TOTAL SALE		25480.00	176950.00

C.C. To :-

- 1) MIS Officer
- 2) Milk Desposal Officer
- 2) Dairy Department



## DAILY CATTLE FEED SALES REPORT

DATE :05/06/94

SNO	P E R T I C U L A R S	1 ST.(In MT.)	2 ND.(In MT)	3 RD(In MT)	TOTAL
1	PALLATE 70 K.G.				
2	MASH 65 K.G.				
3	S.M.R. 70 K.G.	44.240	52.430	41.790	138
4	PALLATE 40 K.G.				
5	MASH 35 K.G.				
	TOTAL	44.240	52.430	41.790	138
	Total Production :-	138.460			
	Total Sales :-	123.555			

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**BOKUL KOLHAPUR ZILLA SAHA - DUDH UTPADAK SANBH LTD., KOLHAPUR**

**BUFFALO MILK PROCURMENT AND DISPOSAL REGISTER**

DATE : 30/11/94

MILK PROCURMENT (Lts.)		MILK DISPOSAL (In Liters)																		
DATE	OPEN BAL.	TOTAL	MILK MIX.	ICAN DRIP.	PLANT	SOUR	SUB-STD.	BOMBAY	PUNE	IGDA DUDH	LOCAL	MAHARAJA	PRIVATE	FLAVOURED	MILK USED	MILK USED	OTHER	MILK MIX	CLOSING	HANDLING
	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)
01/11/94	73983.6	299975.3	66179.3	772.9	251.0	509.0	4850.3	215051.0	20229.0	0.0	50922.0	0.0	40685.0	0.0	900.0	0.0	0.0	0.0	112644.1	222.0
02/11/94	112644.1	304490.3	28857.9	770.9	0.0	670.0	3959.5	212932.0	29879.0	0.0	52842.0	0.0	35952.0	0.0	18200.0	800.0	0.0	0.0	85904.8	371.4
03/11/94	85904.8	305919.1	29684.1	770.9	1165.2	500.0	4726.4	197848.0	27792.0	0.0	53472.0	0.0	9181.0	0.0	23100.0	0.0	0.0	0.0	111327.8	223.3
04/11/94	111327.8	306440.8	31461.6	775.8	0.0	742.0	5071.8	205731.0	10959.0	0.0	51542.0	0.0	10949.0	0.0	21700.0	800.0	0.0	0.0	110993.0	268.0
05/11/94	110993.0	317757.6	40544.6	775.8	169.2	1070.0	3967.5	179325.0	22181.0	0.0	45662.0	0.0	8494.0	0.0	79400.0	0.0	0.0	0.0	125206.4	136.8
06/11/94	125206.4	319371.4	32800.0	772.9	0.0	1668.0	5223.9	102292.0	14716.0	0.0	40272.0	0.0	9591.0	0.0	100000.0	800.0	0.0	0.0	198310.5	231.2
07/11/94	198310.5	320965.5	33500.0	774.8	656.8	825.0	5153.8	178455.0	18055.0	0.0	43322.0	0.0	9105.0	0.0	90800.0	0.0	29.0	0.0	202478.7	226.9
08/11/94	202478.7	321468.7	35061.6	774.8	0.0	1509.0	6533.5	179095.0	18278.0	0.0	43102.0	0.0	0.0	0.0	117700.0	0.0	0.0	0.0	190540.9	288.9
09/11/94	190540.9	321246.7	33958.6	777.7	1435.4	809.0	3869.7	156331.0	21996.0	0.0	44272.0	0.0	9561.0	0.0	97200.0	0.0	0.0	0.0	206617.5	193.8
10/11/94	206617.5	321524.6	25455.8	772.9	6788.7	885.0	4521.7	183716.0	18139.0	0.0	46312.0	0.0	9677.0	0.0	70300.0	800.0	0.0	0.0	231066.4	244.1
	1418007.3	3139160.0	357503.5	7739.4	10466.3	9187.0	47878.1	1810776.0	202224.0	0.0	471720.0	0.0	80053.0	158891.0	618400.0	4100.0	29.0	0.0	1575090.1	2406.4

**COW MILK PROCURMENT AND DISPOSAL REGISTER**

DATE : 30/11/94

MILK PROCURMENT (Lts.)		MILK DISPOSAL (In Liters)																		
DATE	OPEN BAL.	TOTAL	MILK MIX.	ICAN DRIP.	PLANT	SOUR	SUB-STD.	BOMBAY	PUNE	IGDA DUDH	LOCAL	MAHARAJA	PRIVATE	FLAVOURED	MILK USED	MILK USED	OTHER	MILK MIX	CLOSING	HANDLING
	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)	(Lts.)
01/11/94	49406.9	120152.3	0.0	125.0	0.0	478.0	8402.7	69658.0	0.0	18500.0	0.0	8746.0	0.0	0.0	0.0	0.0	0.0	0.0	61679.3	204.1
02/11/94	10418.8	121517.9	0.0	125.0	0.0	355.0	5104.9	73304.0	0.0	9095.0	0.0	9222.0	0.0	0.0	0.0	0.0	0.0	0.0	15057.9	105.2
03/11/94	24922.6	121936.2	0.0	130.0	0.0	524.0	7704.8	65803.0	0.0	18500.0	0.0	9241.0	0.0	0.0	0.0	0.0	0.0	0.0	17984.1	140.0
04/11/94	34796.7	122677.7	0.0	130.0	0.0	450.0	9605.5	65552.0	0.0	18375.0	0.0	9183.0	0.0	0.0	0.0	0.0	0.0	0.0	17361.6	255.9
05/11/94	46426.9	122917.4	0.0	130.0	0.0	377.0	5912.4	57311.0	0.0	27595.0	0.0	9591.0	0.0	0.0	0.0	0.0	1000.0	0.0	35044.6	61.2
06/11/94	39494.5	124309.6	0.0	130.0	0.0	875.0	7520.0	46322.0	0.0	18315.0	0.0	9202.0	0.0	0.0	0.0	0.0	0.0	0.0	29000.0	95.9
07/11/94	59124.2	125159.2	0.0	130.0	1169.9	826.0	6442.8	61250.0	0.0	0.0	0.0	10231.0	0.0	1000.0	0.0	0.0	0.0	0.0	31500.0	79.2
08/11/94	80697.1	123853.7	0.0	130.0	0.0	803.0	7251.7	73531.0	0.0	9280.0	0.0	11445.0	0.0	0.0	0.0	0.0	0.0	0.0	35061.6	252.0
09/11/94	74308.2	123475.7	0.0	130.0	0.0	664.0	7666.0	66231.0	0.0	9280.0	0.0	10930.0	0.0	0.0	0.0	0.0	0.0	0.0	31958.6	95.5
10/11/94	78754.8	123568.1	0.0	130.0	346.6	524.0	5752.1	62436.0	0.0	18500.0	0.0	11017.0	0.0	0.0	36000.0	0.0	0.0	0.0	24055.8	165.5
	49406.9	712957.8	0.0	1290.0	1517.5	5971.0	31517.9	641780.0	0.0	177400.0	0.0	90000.0	0.0	1000.0	71200.0	0.0	29.0	0.0	700000.0	1811.5

TOTAL MILK PROCUREMENT/DISPOSAL /CAN DRIPPING & PLANT HANDLING REPORT FOR THE MONTH DEC - 92

MILK PROC. DETAIL	BUFF. MILK	COW MILK	TOT. MILK	MILK DISPO. DETAIL	BUFF. MILK	COW MILK	TOT. MILK
1 OPENING BALANCE				1 BOMBAY WASHI BRANCH	6083095.0	2217484.0	8300579.0
A> OPENING BALANCE-BOR.C.C	3412.0	72.0	3484.0	2 PUNE BRANCH			
B> OPENING BALANCE-GAD.C.C	3500.0		3500.0	3 GOA DUDH SANGH			
C> OPENING BALANCE-KOLHAPUR	90013.0	18007.6	108020.6	A> GOA DUDH SANGH - BOR.C.C			
**** TOTAL ****	96925.0	18079.6	115004.6	B> GOA DUDH SANGH - GAD.C.C			
2 MILK PROCUREMENT				**** TOTAL ****			
A> MILK PROCUREMENT-BOR.C.C	2249285.4	827510.2	3076795.6	4 LOCAL SALES			
B> MILK PROCUREMENT-GAD.C.C	3167307.0	499349.0	3666656.0	A> SALES AT KOLHAPUR.			
C> MILK PROCUREMENT-KOP.	3703767.9	1356679.4	5060447.3	B> SALES AT ICHALKARANGI			
**** TOTAL ****	9120360.3	2683538.6	11803898.9	C> SALES AT JAYASINGPUR			
D> MILK PROCUREMENT-R.C.M.				D> SALES AT RATNAGIRI			
E> MILK PROC. -PRIVATEPARTY				E> SALES AT RAJAPUR			
F> FLVAROUD MILK PROC.				F> SALES AT CHIPLUN			
**** TOTAL ****	9120360.3	2683538.6	11803898.9	G> SALES AT PETH VADGAON			
3 MILK MIXED FOR STANDER.				H> SALES AT KANKAVALI			
A> C/M MIX IN B/M-BOR.C.C.	459210.1	1700.0	459210.1	**** TOTAL ****			
C/M MIX IN B/M-GAD.C.C.				5 MAHANANDA(MAHASANGH)			
C/M MIX IN B/M-KOP.	107100.0		107100.0	6 PRIVATE PARTIES			
B> B/M MIX IN C/M-BOR.C.C				7 FLAVOURED MILK SALES			
B/M MIX IN C/M-GAD.C.C.				8 MILK USED FOR SEPERATION	3489300.0	13000.0	3502300.0
B/M MIX IN C/M-KOP.				9 MILK USED FOR SHRIKHAND	22000.0		22000.0
C> SKIM MILK MIX IN B/M				**** TOTAL ****	22000.0		22000.0
D> BUTTER MILK MIX IN B/M				10 OTHER USES			
E> R.C.M. MIX IN B/M				A> FOR FLAVOURED MILK			
F> STD. MILK MIX IN B/M				B> OTHER MILK - 2	22556.0	13571.0	36127.0
G> CREAM MIX IN B/M				C> OTHER MILK - 3	84073.0		84073.0
H> FLVAROUD MILK MIX B/M				**** TOTAL ****	106629.0	13571.0	120200.0
**** TOTAL ****	566310.1	1700.0	568010.1	11 MILK MIXED FOR STD.			
4 CAN DRIPP.& SAMPLE MILK				A> C/M MIX IN B/M-BOR.C.C.		459210.1	459210.1
A> CAN DRIPP. - BOR.C.C.	2247.0	1223.0	3470.0	C/M MIX IN B/M-GAD.C.C.			
B> CAN DRIPP. - GAD.C.C	4640.0	1160.0	5800.0	C/M MIX IN B/M-KOP.C.C.			
C> CAN DRIPP. - KOLHAPUR	12212.1		12212.1	B> B/M MIX IN C/M-BOR.C.C.	1700.0		1700.0
**** TOTAL ****	19099.1	2383.0	21482.1	B/M MIX IN C/M-GAD.C.C.			
5 PLANT HAND.EXCESS MILK				B/M MIX IN C/M-KOLHAPUR	1700.0		1700.0
A> PLANT HAND.EXC.MILK-BOR	32334.1	9475.3	41809.4	**** TOTAL ****			
B> PLANT HAND.EXC.MILK-GAD	23076.4	468.6	23545.0	12 CLOSING BALANCE			
C> PLANT HAND.EXC.MILK-KOP	100779.1	990.0	101769.1	A> CLOSING BALANCE-BOR.C.C.	2803.0		2803.0
**** TOTAL ****	156189.6	10933.9	167123.5	B> CLOSING BALANCE-GAD.C.C.			
				C> CLOSING BALANCE-KOLHAPUR	167474.1	4611.6	172085.7
				**** TOTAL ****	170777.1	9910.7	170000.0

	17075519.2	113	HANDLING SHORTAGES				
7 SUB-STANDARD MILK							
A> SUB-STD.MILK - BOR.C.C.C.	56889.1						1.0
B> SUB-STD.MILK - GAD.C.C.C.	139888.5		91520.2				
C> SUB-STD.MILK - KOLHAPUR	108158.3		193461.9		7183.1		
**** TOTAL ****	304935.9		188832.6		7183.1		
			473814.7				
			168878.8				
					9880184.2		
							2716635.2
							12596819.4

Prepared By

Asst. General Manager

GOKUL

KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., KOLHAPUR

1

BRANCHWISE MILK PROC./CAN DRIP./PLANT HAND.EXCESS & HAND.SHOR.REPORT  
FOR THE MONTH DEC-92

MILK DETAILS	KOLHAPUR	GADHINGLAJ	BORVADE	TOTAL
1.MILK PROCURMENT BUFF.	2249285.40	3167307.00	3703767.90	9120360.
COW	827510.20	3167307.00	3703767.90	7698585.
TOTAL	3076795.60	6334614.00	7407535.80	16818945.
2.DAILY AVG. PROCURMENT	99251.47	204342.39	238952.77	542546.
3.CAN DRIPP. MILK BUFF.	2247.00	4640.00	12212.10	19099.
COW	1223.00	4640.00	12212.10	18075.
TOTAL	3470.00	9280.00	24424.20	37174.
STD. WITH TOTAL PROC.	0.11	0.15	0.33	0.
4.PLANT HAND.EXCE.BUFF.	32334.10	23076.40	100779.10	156189.
COW	9475.30	23076.40	100779.10	133330.
TOTAL	41809.40	46152.80	201558.20	289520.
STD. WITH TOTAL PROC.	1.36	0.73	2.72	1.
5.SUB STD. MILK BUFF.	56889.10	139888.50	108158.30	304935.
COW	34631.10	139888.50	108158.30	282677.
TOTAL	91520.20	279777.00	216316.60	587613.
STD. WITH TOTAL PROC.	2.97	4.42	2.92	3

Prepared By

Asst. General Manager



GOKUL

KOLHAPUR ZILLA SAHA. DUDH UTPADAK SANGH LTD., KOLHAPUR

## MONTHLY AVG. MILK HANDLING REPORT FOR THE MONTH JUL-94

S.N.	M I L K D E T A I L S	BUFF.	COW	TC
1	DAILY MILK HANDLING CAPACITY	50000.0		500
2	AVERAGE MILK SUPPLY TO OTHER PROJECT		12044.6	120
3	ACTUALLY AVERAGE MILK HANDLING	60325.0	33239.7	935
4	SOUR MILK USED FOR MILK PRODUCTS	1922.0	1701.0	36
5	MAXMIUM MILK HANDLING IN THIS MONTH	62266.5	33485.9	957

Incharge  
Milk Chiling Centre f