e

Chapter 5.

5.2   ALGORITHM FOR VARIOUS PROGRAMS

Name of the Program : TAXMENU.PRG

Purpose/ Utility :

Display Main Menu with various options of Tax-system.

Steps   : 1. Use Foxpro 2.5 (RDBMS) to run the above software.

2. Standard setup

3. Wait for few seconds or press enter in

the menu.

4. Define various options required.

5. Links all options with mainmenu.

6. Perform options as per requirement.

7. Exit/Stop.

Name Of The Program   :   TMAIN.PRG

The program written for various menues/option.

Steps   :1. Select appropriate options.

2. Get the payers name & Address and other

informaton regarding the tax payer, the duration,

the mode of tax payment.

3. Select either of 3 options.

1. New data creation.

2. Data-corrections.

3. Data validation

4. Heads Display for required data-names.

5. Store data for appropriate fields.

6. Stop.

Name Of The Program   : TRATE.PRG

Purpose: Program for calculation according to class

of paid tax.

CHAPTER 5

5.1.   DATA ANALYSIS :-

The data collected from various resources was appropriately tabulated. The tabulated data further used for graphs. The procedures for tax collection is generally done in three sessions :

1) Annually

2) Quarterly

3) For more than one quarter

4) For any period less than a quarter

Likewise to incorporate with above methods appropriate system desgin has been done and various database were designed. On the base of requirements of procedures were done and using appropriate computer Language / Package the programmes were developed. Data analysis include various database design coding of region, districts and for private & public sector is done.

- Collection of data for a particular duration

- Analysis of revensue collection from transport of revenue collected

- From transport of revenues and Non-transport Vehicles.

Steps :   1.Accept data for various fields as registration no.

           2. Enter the Registration number. if it is new one

              then go for data entry option.

           3. If registration code is given duplicate then it

              will edit the record.

           4. For correction in record or Validation enter the

              number to be validated.

           5. Calculation of duration after getting the from &

              to date.

           6. Calculation according to duration slab & given

              standard schedules.

           7. Display calculated tax for the duration.

           8 Store the calculated tax for the particular

              record.

           9. Print/Display the calculated tax.

           10. Stop.

Name Of The Pogram : ADDIST.PRG

Purpose : This program adds new record of districts.

Steps   : 1. Get region code and other details.

           2. Get region name, district code, and name of the

              district.

           3. Select option as correction & validation of

              data/record.

           4. Store the latest changes.

           5. Print/display required details.

           6. stop.

Name Of The Program : DIST_RVN.PRG

Purpose : Data entry of district revenue & printing

          districtwise revenue.

Steps :   1. Get district code, other values for year.

          2. Calculation of total revenue collected.

          3. Procedure for Comparison with last years total.

          4. Print the details regarding Kolhapur District.

          5 Stop.

Name of the program : CHK-POST.PRG

Purpose: For printing progressive revenue collection of

           various checkposts.

 Steps : i)   Get ckeck-post code,check for validation.

         ii)   Data entry is done for required fields.

         iii) Calculate the total for reapetive.

         iv)   Printing of details of check-post.

         v)   Stop.

Name of the program : FLSQD-RV.PRG.

Purpose: For data entry of the related fields and printing

           the details.

Steps   :   1) select option for data entry.

             2) Get values for fields.

             3) Process and calculate the required details.

             4) Print the details as required.

             5) Stop.

Database File Description :-

Following are the fields created in tne Master file.

(1) Registration Number:- When the Motor is brought to R.T.O.
office, for the Registration of that vehicle a unique
number is assigned by the Registration Authority of Motor
vehicles Dept. The given number is thus never repeated,
because it represents the identity of the vehicle.

(2) Registration Date:- The date on which the Motor Vehicle
is registered, i.e particular date, month & year. This is
an important aspect considering this the reports may be
the generated i.e. how many vehicles were registered for
the particular period.

(3) Name & Address:- The owner name and the address of the
owner, name and the vehilce name is stored.

(4) Tal-Code & Name:- The name of the taluka and a given
code for the same.

(5) Veh-Type   :- Here the type of vehicle i.e actually
the body type is given.

(6) Veh-Model:- Here the model of which year is stored.

(7) Veh-Tax:-   The vehicle under which Tax class it come.
e.g. Class A, Class B, Class C. etc.

(8) Non-Tran:- Whether it is Transport or Non Transport

vehicle it is noted here.

Dist.DBF

Region-Code :- This is the Code given for each region.

District-Code:- The code given for each district.This code

may help in generating reports according to districts.

Dist-Name:- Under this field the name of the District may

is given.

Talq.DBF

Dist-Code:- The code given to specify the district.

Tal-Code :- It specifies the code of Taluka.

Tal-Name :- This field specifies the name of Taluka and

its information.

Tax.DBF

Registration-Code:- The uniquely given code which gives

information about registration of vehicle.

Class-Type:- The Motor-Vehicles are divided into classes

These are as Class A, Class B and Class C. Further

these classes are divided into subclasses.

Annual-Rate:- Under the Motor Vehicles Act various Schedules

the Annual Tax Rate of each Vehicle is fixed according to

their capacity and unladen weight of Motor-Vehicles.

From-Date:- The Tax from which date it is noted here.

To-Date:- The last date up to which the Tax is being paid.

Total-Tax:- Under this field the calculated Tax for a

particular duration is stored.

```
┌─────────┐         ┌─────────┐        ╭──────────╮
│  INPUT  │────────▶│ PROCESS │───────▶│ TAX.DBF  │
│         │         │         │        │          │
└─────────┘         └─────────┘        ╰──────────╯

┌─────────┐         ┌─────────┐        ╭──────────╮
│  INPUT  │────────▶│ PROCESS │───────▶│ DIST.DBF │
│         │         │         │        │          │
└─────────┘         └─────────┘        ╰──────────╯

┌─────────┐         ┌─────────┐        ╭──────────╮
│  INPUT  │────────▶│ PROCESS │───────▶│ TAL.DBF  │
│         │         │         │        │          │
└─────────┘         └─────────┘        ╰──────────╯

┌─────────┐         ┌─────────┐        ╭──────────╮
│  INPUT  │────────▶│ PROCESS │───────▶│ VEH.DBF  │
│         │         │         │        │          │
└─────────┘         └─────────┘        ╰──────────╯

╭──────────╮
│ TAX.DBF  │───────┐
│          │       │    ┌──────────────┐      ┌───────────┐
╰──────────╯       ├───▶│ DIST_RVN.PFG │─────▶│ DISTRICT  │
╭──────────╮       │    │              │      │ WISE      │
│ DIST.DBF │───────┘    └──────────────┘      │ REVENUE   │
│          │                                  └───────────┘
╰──────────╯

╭──────────╮
│ TAX.DBF  │───────┐
│          │       │    ┌──────────────┐      ┌───────────┐
╰──────────╯       ├───▶│ CHKPOST.PRG  │─────▶│ REPORT    │
╭──────────╮       │    │              │      │ CHECKPOST │
│ TAL.DBF  │───────┘    └──────────────┘      │ WISE      │
│          │                                  └───────────┘
╰──────────╯

╭──────────╮
│ VEHICLE  │            ┌──────────────┐      ┌───────────┐
│ DATABASE │───────────▶│   PROCESS    │─────▶│ TOTAL     │
│          │            │              │      │ PUBLIC &  │
╰──────────╯            └──────────────┘      │ PRIVATE   │
                                              │ VEHICLES  │
                                              └───────────┘
```
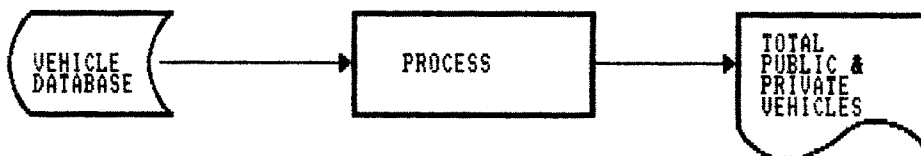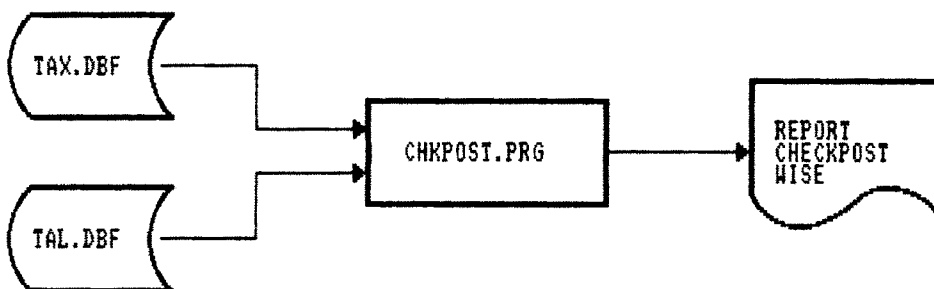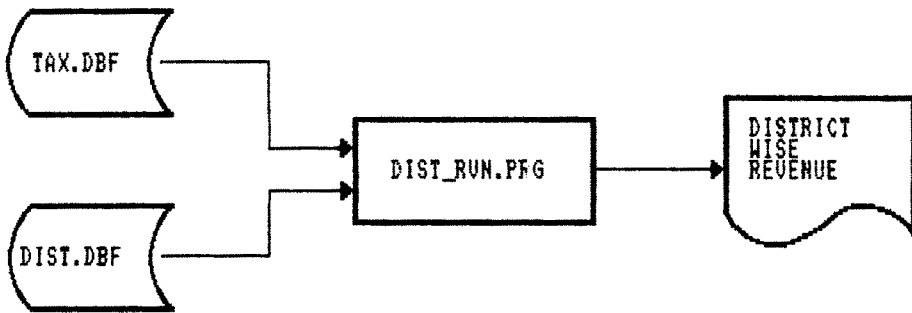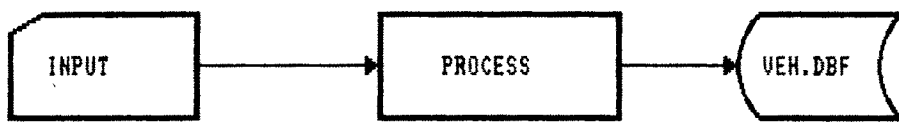
```
**********************************************
* Program for sub Menu of main menu      ****
* Program name : tmain.prg               ****
**********************************************
clos all
clea all
clea
set talk off
set bell off
set stat off
set conf on
set uniq on
clea
set proc to tmain
stor spac(1) to opt
do while .t.
    set colo to /w
    @03,08 to 14,44 doub
        @03,10 say ' T A X   M A I N   M E N U '
    set colo to
        set colo to /w
    @05,10 say '[Addition]   [A]    '
        @07,10 say '[Process ]   [P]   '
        @09,10 say '[Reports ]   [R]   '
        @11,10 say '[Exit    ]   [E]   '
        @12,09 to 12,43
        @13,10 say 'Enter Your Options [A/P/R/E] :-'
    stor spac(1) to opt
    @13,42 get opt pict '!'
        set colo to
        read
        if uppe(opt) = 'E'
            exit
        endif
        do case
            case opt = 'A'
                    do bmv_add
                            loop
                case opt = 'P'
                    do trate
                            loop
            case opt = 'R'
                    do repo
                loop
                case opt = 'E'
                    exit



        endcase
    enddo
```

```
***************************
*** Procedure for various reports
proc repo
clos all
clea all
clea
set talk off
set bell off
set stat off
set conf on
set uniq on
clea
stor spac(1) to ropt
do while .t.
    set colo to /w
    @08,08 to 20,65 doub
    set colo to
        @08,10 say '   R E P O R T S                          '
    @10,10 say '(D)istrictwise  Revenue (rpt1     )'
        @12,10 say '(C)heckpostwise Revenue (chk_post)'
        @14,10 say '(H)eadwise Revenue       (rvn_hds )'
        @16,10 say '(F)lyinf Squad Revenue  (flsqd_rv)'
        @18,10 say ' [N]ext,[S]top   [N/S] :-'
        @18,45 get ropt pict '!'
        read
      do case
        case ropt ='D'
                    do rpt1
                        loop
              case ropt ='C'
                  do chk_post
                            loop
              case ropt = 'H'
                do rvn_hds
                            loop
              case ropt = 'F'
                do flsqd_rv
                            loop
              case ropt = 'S'
                    exit
        endcase
  if uppe(ropt)='S'
        exit
      endif
    enndo
```

```
    **************************************************
    * Program Master Data creation of District   ****
    * Program name : bmv_add.prg                  ****
    **************************************************
    clos all
    clea all
    clea prog
    set talk off
    set bell off
    set stat off
    clea prog
    clea
    stor spac(1) to option
    sele a
    use bmvt
    appe blan
do while .t.
        set colo to /w
    @06,06 to 18,65 doub
    @06,10 say '            District Data Creation          '
        set colo to
        @10,10 say 'Dist.Code:-'
        @10,25 get a->dist_cd
        read
            @12,10 say 'Region    :-'
            @12,25 get a->region
            @14,10 say 'District :-'
            @14,25 get a->district
            read
            @16,10 say ' [C]ontinue, [R]eenter, [E]xit [C/R/E]:- '
            @16,50 get option pict '!'
            read
            if uppe(option) = 'C'
                sele a
                  appe blan
            endif
            if uppe(option) = 'R'
                sele a
                    loop
            endif
            if uppe(option) = 'E'
                    @20,10 say ' Good Bye See you Again !!!'
                    wait
                    clea
                    exit
            endif
        retu
    enddo
```

```
        ***********************************************
        * Program for Data creation of District   ****
        * Program name : addist.prg                ****
        ***********************************************
        clea
        clea all
        clos all
        clea prog
        set talk off
        set stat off
        set date brit
        sele a
        use bmvt inde bmvt
        stor 0 to distcd
        stor spac(15) to trjn
        stor spac(20) to distnm
        stor spac(1) to pans
        @ 2,2 to 14,65 doub
        set colo to w+*
        @ 2,15 say " Addition For District Code & Name "
        set colo to
  do while .t.
        @ 5,8 say "Enter District Code      " get distcd pict "99"
        read
        if distcd=0
            clea
            exit
        endif
        sele a
        seek distcd
        if found()
           @ 16,12 say "Duplicate Dist Code, Press Any Key Cont"
              wait " "
                       @ 16,12 clea to 16,65
          loop
        else
                sele a
                appe blan
                 repl a->dist_cd with distcd
                    @ 7,8 say "Enter Region        " get a->region
           @ 9,8 say "Enter District      " get a->district
           @ 17,10 say "Are You Want Next " get pans pict "Y"
           read
           if pans=upper("N")
                             clea
               exit
           endif
          endif
  enddo
```

```
      ************************************************
      * Program for flying squad report          ****
      * Pprogram name : flsqd_rv.prg             ****
      ************************************************
clea
clea all
clos all
set talk off
set stat off
set scor off
set conf off
set date brit
set proc to FLSQD_RVN
stor 0 to row,chtot1,chtot2,sztot1,sztot2,antot1,antot2
ln=repli("-",96)
sele a
use flsqd_rvn inde flsqd_rvn
set devi to prin
set prin to flsqd_rvn.txt
do flyhd1
do while .not. eof()
     row=row+1
     chtot1=chtot1+a->chkd_veh1
          sztot1=sztot1+a->seaz_veh1
          antot1=antot1+a->anum_rvn1
          chtot2=chtot2+a->chkd_veh2
          sztot2=sztot2+a->seaz_veh2
          antot2=antot2+a->anum_rvn2
          @ row,3 say a->sr_no
          @ row,12 say a->sqad_name
          @ row,27 say a->chkd_veh1
          @ row,38 say a->seaz_veh1
          @ row,50 say a->anum_rvn1
          @ row,62 say a->chkd_veh2
          @ row,74 say a->seaz_veh2
          @ row,87 say a->anum_rvn2
          skip
          if eof()
              @ row+2,2 say ln
                  @ row+3,12 say "TOTALS"
              @ row+3,29 say chtot1 PICT "999999"
                  @ row+3,40 say sztot1 PICT "999999"
                  @ row+3,49 say antot1 pict "999999.99"
                  @ row+3,64 say chtot2 PICT "999999"
                  @ row+3,76 say sztot2 PICT "999999"
                  @ row+3,86 say antot2 pict "999999.99"
                  @ row+4,2 say ln
                  exit
          endif
enddo
set devi to scree

set prin off
procedure FLYhd1
STOR 0 TO ROW
```

```
LN=REPLI("-",96)
@ row+1,6 say " REPORT SHOWING TAX LEVIED BY FLYING SQAD FOR THE YEAR 1990 - 91   TO 1S
@ row+2,2 say ln
@ row+3,2 say "                                      1990   -   1991                        1S
@ row+4,2 say "SR.NO.   NAME OF SQAD      CHECKED     SEAZED      YEARLY       CHECKED
@ row+5,2 say "                          VEHICLES    VEHICLES    COLLECTED    VEHICLES
@ row+6,2 say "                                                  REVENUE
@ row+7,2 say ln
stor 8 to row
retu
```

```
     **************************************************
     * Program for flying squad report          ****
     * Pprogram name : flsqd_rv.prg             ****
     **************************************************
clea
clea all
clos all
set talk off
set stat off
set scor off
set conf off
set date brit
set proc to FLSQD_RVN
stor 0 to row,chtot1,chtot2,sztot1,sztot2,antot1,antot2
ln=repli("-",96)
sele a
use flsqd_rvn inde flsqd_rvn
set devi to prin
set prin to flsqd_rvn.txt
do flyhd1
do while .not. eof()
     row=row+1
     chtot1=chtot1+a->chkd_veh1
          sztot1=sztot1+a->seaz_veh1
          antot1=antot1+a->anum_rvn1
          chtot2=chtot2+a->chkd_veh2
          sztot2=sztot2+a->seaz_veh2
          antot2=antot2+a->anum_rvn2
          @ row,3 say a->sr_no
          @ row,12 say a->sqad_name
          @ row,27 say a->chkd_veh1
          @ row,38 say a->seaz_veh1
          @ row,50 say a->anum_rvn1
          @ row,62 say a->chkd_veh2
          @ row,74 say a->seaz_veh2
          @ row,87 say a->anum_rvn2
          skip
          if eof()
             @ row+2,2 say ln
                 @ row+3,12 say "TOTALS"
             @ row+3,29 say chtot1 PICT "999999"
                 @ row+3,40 say sztot1 PICT "999999"
                 @ row+3,49 say antot1 pict "999999.99"..
                 @ row+3,64 say chtot2 PICT "999999"
                 @ row+3,76 say sztot2 PICT "999999"
                 @ row+3,86 say antot2 pict "999999.99"
                 @ row+4,2 say ln
                 exit
          endif
enddo
set devi to scree
set prin off
procedure FLYhd1
STOR 0 TO ROW
LN=REPLI("-",96)
@ row+1,6 say " REPORT SHOWING TAX LEVIED BY FLYING SQAD FOR THE YEAR 1990 - 91   TC
@ row+2,2 say ln
@ row+3,2 say "                                   1990   -   1991
@ row+4,2 say "SR.NO.   NAME OF SQAD       CHECKED     SEAZED       YEARLY        CHECKE
@ row+5,2 say "                           VEHICLES   VEHICLES    COLLECTED      VEHICL
@ row+6,2 say "                                                   REVENUE
@ row+7,2 say ln
stor 8 to row
retu
```

```
     ****************************************************
     * Program for payment of tax creation
     * Program name : pay.prg
     ****************************************************
     set talk off
     set bell off
     set stat off
     set uniq on
     set conf on
     clos all
     clea all
     clea prog
     clea
     stor spac(1) to payopt
     sele a
     use pay_name
     appe blan
do while .t.
     set colo to /w
     @02,06 to 22,75 doub
          set colo to
     @03,10 say '       Tax Paid Data Creation          '
     @05,08 say 'Regn.No.   :-'
          @05,20 get a->reg_no
          @05,25 say 'Vehicle No.:-'
          @05,40 get a->veh_no
          @05,52 say 'From date    :-'
          @05,65 get a->fro_date
          @07,08 say 'UpTo Date:-'
          @07,20 get a->to_date
          @07,29 say 'ChalanNo.:-'
          @07,40 get a->chalan_no
          @07,52 say 'Paid date    :-'
          @07,65 get a->pay_date
          @09,08 say 'TypeCode:-'
          @09,20 get a->type_code
          @09,25 say 'Tax paid Amt:-'
          @09,40 get a->tax_amt
          @09,52 say 'Window no   :-'
          @09,65 get a->wind_no
          @11,08 say 'WindowDate:-'
          @11,20 get a->w_date
          @11,31 say 'State:-'
          @11,40 get a->state
          @11,52 say 'Sprit/Fuel :-'
          @11,65 get a->fuel
          @13,08 say 'Insure Co. :-'
          @13,20 get a->insu_comp
          @13,25 say 'From date :-'
          @13,40 get a->ins_f_date
          @13,52 say 'To Date  :-'
          @13,65 get a->ins_todate
          @15,08 say 'Paid date:-'
          @15,18 get a->ins_pdate
          @15,27 say 'Rs 100 :-'
          @15,40 get a->rs_100
          @15,52 say 'Rs 50    :-'
          @15,65 get a->rs_50
          @17,08 say 'Rs 20    :-'
          @17,20 get a->rs_20
          @17,25 say 'Rs 10    :-'
          @17,40 get a->rs_10
          @17,52 say 'Rs 5
```

```
                              :-'
     @17,65 get a->rs_5
     @19,08 say 'Rs 2   :-'
     @19,20 get a->rs_2
     @19,25 say 'Rs 1    :-'
     @19,40 get a->rs_1
  @20,10 say 'Continue,Renter,Exit [C/R/E]:-'
     @20,48 get payopt pict '!'
     read
     if uppe(payopt)='C'
         sele a
              appe blan
  endif
              if uppe(payopt)='R'
      sele a
                    loop
              endif
                    if uppe(payopt)='E'
                        exit
                    endif
enddo
```

```
********* Program for Check Postwise revenue collection
* Program Name :- Chk_Post.prg
*********************************************************
clea
clea all
clos all
set talk off
set stat off
set scor off
set conf off
set date brit
set proc to chk_post
stor 0 to row,rvn1,rvn2,ttot1,ttot2,trtot1,trtot2
ln=repli("-",75)
sele a
use chk_post inde chk_post
set devi to print
set print to chk_post.txt
do hd1
do while .not. eof()
     row=row+1
     ttot1=ttot1+a->rvn_amt1
          ttot2=ttot2+a->rvn_amt2
          trtot1=trtot1+a->trial_no1
          trtot2=trtot2+a->trial_no2
          @ row,3 say a->post_name
          @ row,37 say a->trial_no1
          @ row,47 say a->rvn_amt1
          @ row,58 say a->trial_no2
          @ row,68 say a->rvn_amt2
          skip
          if eof()
              @ row+2,2 say ln
              @ row+3,39 say trtot1 PICT "999999"
                   @ row+3,46 say ttot1 PICT "999999.99"
                   @ row+3,60 say trtot2 PICT "999999"
                   @ row+3,67 say ttot2 PICT "999999.99"
                   @ row+4,2 say ln
                   exit
          endif
enddo
set devi to scree
set print off
procedure hd1
@ row+1,6 say " REPORT SHOWING PROGRESSIVE CHART OF VARIOUS CHECK POSTS"
@ row+2,8 say "   OF MAHARASHTRA STATE YEAR 1989 - 90  TO 1990 - 91 "
@ row+3,2 say ln
@ row+4,2 say " CHECK POST                              1989 - 90        1990 - 91 "
@ row+5,2 say "                                    TRIALS  REVENUE    TRIALS  REVEI
@ row+6,2 say ln
stor 7 to row
retu
```

```
********************************
** Program for revenue collection under varios heads
** Program Name :- Rvn_hds.prg
********************************
clea
clea all
clos all
set talk off
set stat off
set scor off
set conf off
set date brit
set proc to rvn_hds
stor 0 to row,rvn1,rvn2,ttot1,ttot2,trtot1,trtot2
ln=repli("-",75)
sele a
use rvn_hds inde rvn_hds
set devi to print
set print to rvn_hds.txt
do hd1
do while .not. eof()
     row=row+1
     ttot1=ttot1+a->rvn_amt1
          ttot2=ttot2+a->rvn_amt2
          @ row,4 say a->hd_no
          @ row,8 say a->head_desc
          @ row,47 say a->rvn_amt1
          @ row,60 say a->rvn_amt2
          skip
          if eof()
              @ row+2,2 say ln
              @ row+3,46 say ttot1 PICT "999999.99"
                   @ row+3,59 say ttot2 PICT "999999.99"
                   @ row+4,2 say ln
                   exit
          endif
enddo
retu
clea
Set devi to scree
set prin off
procedure hd1
@ row+1,6 say "         REPORT SHOWING THE MAHARASHTRA STATE "
@ row+2,8 say "   TOTAL REVENUE COLLECTION UNDER VARIOUS HEADS "
@ row+3,2 say ln
@ row+4,2 say "SR.NO.     TYPE OF TAX COLLECTION                1990 - 91     1991 - 92 "
@ row+5,2 say ln
stor 6 to row
retu
```

Table 1

TOTAL REVENUE COLLECTED FROM 87 TO 93 AT MAHARASHTRA STATE

SR.NO. 1		1988-89 3	1989-90 4	1990-91 5	1991-92 6	1992-93 7
1	Under the vehical Tax Act	13,171.00	19,617.43	17,316.96	18,230.27	20,824.55
	Collected Act and Fee.					
2						
	A Regn Fee.	188.48	239.33	361.29	498.92	547.22
	B Licence Fee	190.84	211.14	221.60	232.68	243.32
	C Permit Fee.	18.68	29.80	34.55	39.73	45.88
	D Public Carrier Permit Fee	116.54	135.95	145.12	156.60	160.83
	E Taxi Permit Fee	5.58	6.56	7.59	92.97	107.46
	F Satelment Amount					892.74
	G Other Fee	693.14	1,080.04	1,142.69	1,222.38	365.21
	TOT A TO G	1,213.26	1,702.82	1,912.84	2,243.28	2,362.66
3	Under Public Carrier & Passanger					
	A Old Recovery	0.47	1.55		0.11	0.09
	B Passanger Tax	11,060.02	12,149.90	10,814.66	18,913.12	19,039.44
	TOT A TO B	11,060.49	12,151.45	10,814.66	18,913.23	19,039.53
		25,444.75	33,471.70	30,044.46	39,386.78	42,226.74

Graph For Tot.Revenue Of M.S.
Year v/s Heads

Legend:
- Road Tax & Further
- License Fee
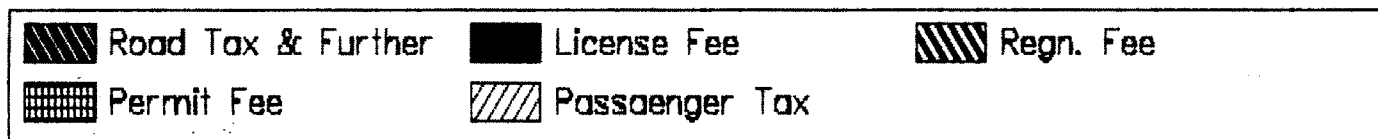- Regn. Fee
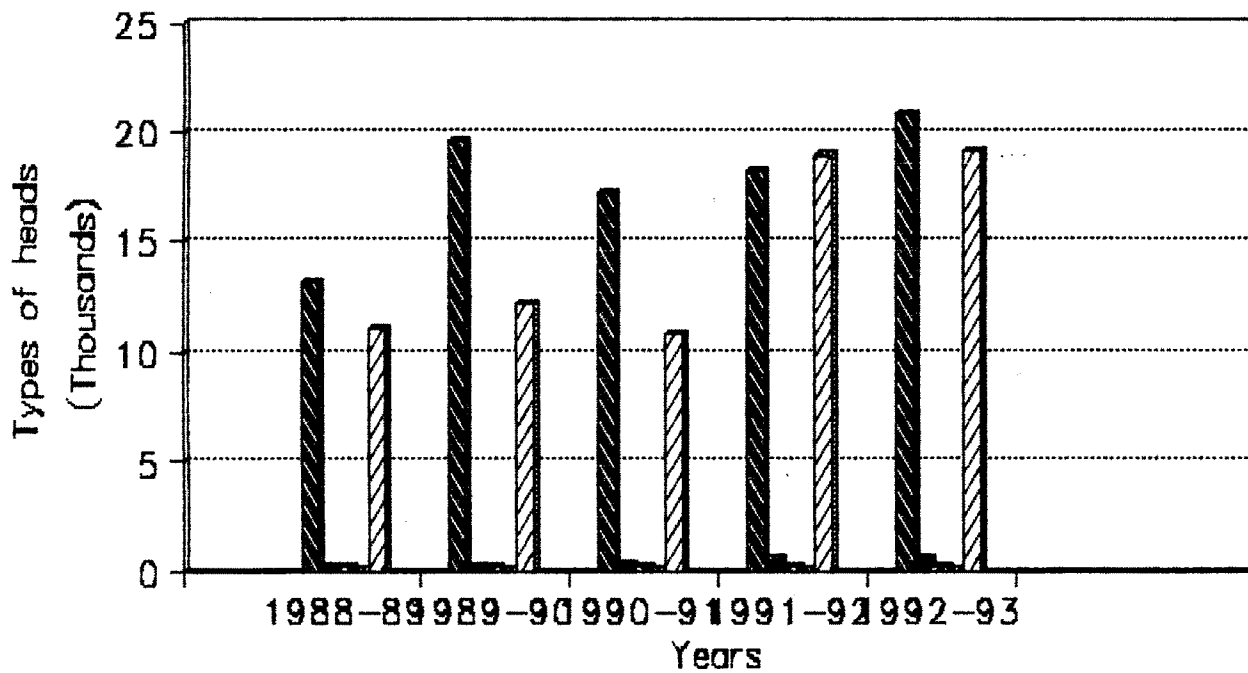- Permit Fee
- Passaenger Tax

Table 1.

It is observed from the above table that the tax is levied
under various heads. The heads are divided into 3 main parts.
Under Part 1 Vehicles Tax Act and Fees are collected. Under this
the revenue collected in year 1992 is Rs.20,824,55 and this
amount in year 1993 reached up-to Rs 22,436.00, above
figures suggests that there is remarkable increase in the revenue
collection under this head.

   Under Part 2 come various types of fees :
1. Registration Fee : Under this head the fees collected in year
1992 is Rs.547.22 (lakhs) and comparitively the amount has
gone upto Rs.602.18 in year 1993.
2. License Fee : In year 1992 the amount was Rs.243.32 and
in presiding year is Rs.258.60. It shows there is an increase in
license fee collection.
3. Permit Fee : Under this head the amont is increased by 6.5
lakhs in year 1993 compare to year 1992.
4. Public Carrier Permit Fee : In this case there is
increase in the amount of revenue.
5. Taxi Permit Fee : In year 1992 the figure shows that
Rs.107.46 and subsequently there is quiet increase in this
amount also.
6. Settlement Amount : The amount here charged for setteling the
the case and to endof the case with fixing some amount.
7. Part 3 (Covers Public Carrier and Passenger)

   - Old recovery : the old recovery done in year 1993 was

0.09 and in year 1993 it is redused to 0.65.

 - Passenger Tax : There is improvement in recovery of
Passenger tax.In year 1992 was Rs.19,039.44 and in
year 1993 it goes up-to Rs.20,141.17.

In brief from above table it is found that there is
continous increase in the collection revenue under
above said various heads.

The graph plotted for this report shows thr revenue is
collected under Vehicle Tax and Act head is coparitively
high among all heads and the second one Other Fee and
Passenger Tax.

Table 2

Districtwise Total Revenue Collection For The Year 1987 To 1993

SR. NO.	OFFICE NAME	1987	1988	1989	1990	1991	1992	1993
1	2	9	10	11	12	13	14	15
1	KOLHAPUR	510.84	672.57	967.07	811.00	871.62	987.18	1,050.22
2	SANGLI	208.55	298.01	469.30	348.00	362.51	398.90	430.20
3	SATARA	207.39	286.11	449.56	346.00	383.02	426.20	480.10
	TOTAL KOLHAPUR DIVISION	926.78	1256.69	1885.93	1505.00	1617.15	1812.28	1960.52

Graph For Districwise Revenue
Year v/s Revenue

K%Ri4Z-K%Ri4*U
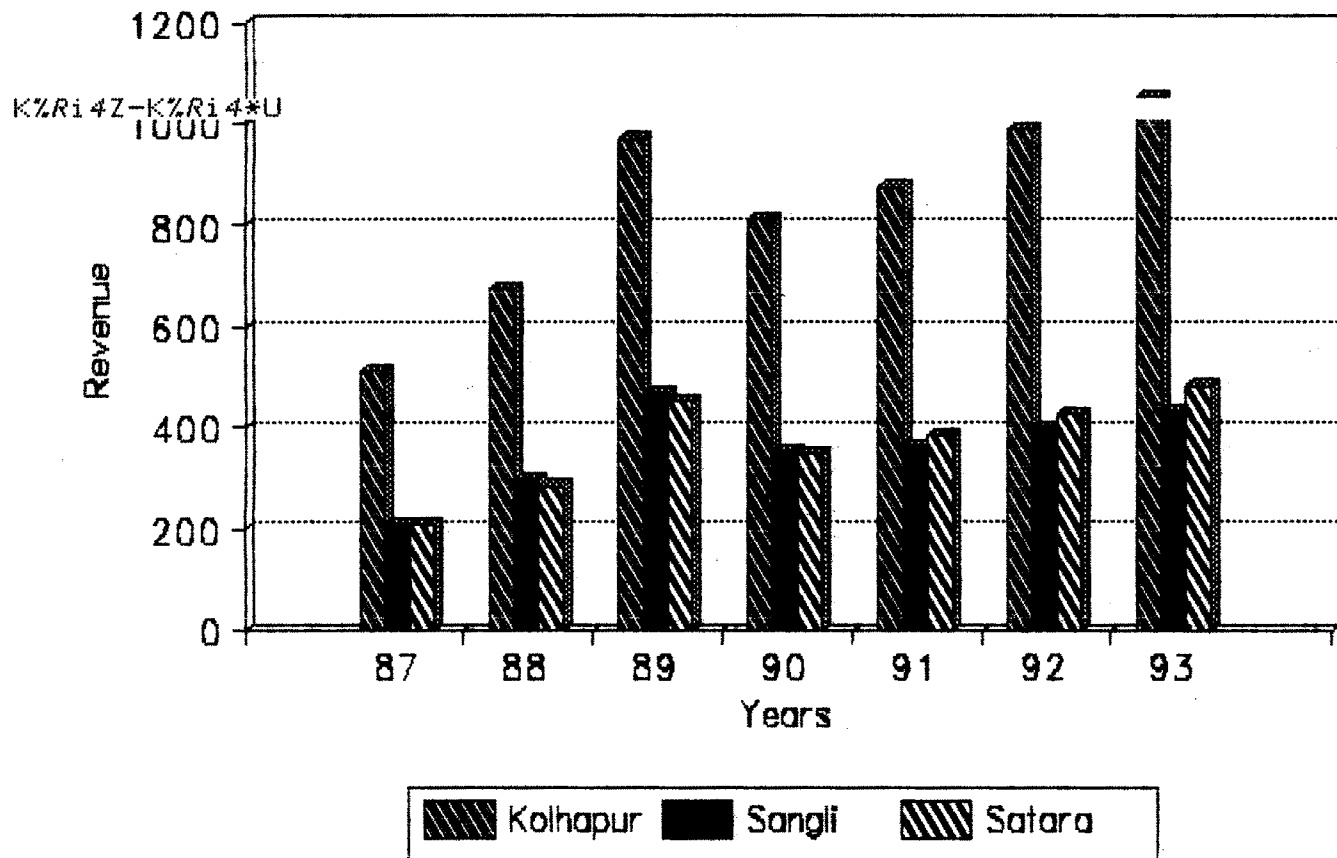
Legend: Kolhapur, Sangli, Satara

Table 2.

The above table shows the Districtwise revenue collection.

The revenue collection of Kolhapur District in the year 1992

shows Rs.987.18 and in year 1993 it reaches up-to Rs.1050.22.

The comparison of both years revenue is done then it shows

that there is 13.80 % increase in revenue collection.

In other case if revenue amount of Kolhapur district is

compared with that of other districts of Kolhapur Region then

it is found that the Kolhapur's revenue is more. The revenue

figure of Kolhapur district in year 1993 is Rs.1050.22 and

that of Sangli district is Rs.430.20 and Satara is Rs.480.10

respectively. In all it is observed that Kolhapur is higest

collector of revenue at Kolhapur Region.

The graph is plotted using 'Bar' graph facility of Qpro

and it shows that there is increase in the revenue

collection of Kolhapur district.

Table 3

LEVIED TAX BY FLYING SQAD 1989-90 TO 92-93

SR.NO.	NAME OF SQAD	1989-90			1990-91			1991-92			1992-93		
		CHECKED VEHICLES	Seized Vehicles	YEARLY COLLECTED REVENUE	CHECKED VEHICLES	Seized Vehicles	YEARLY COLLECTED REVENUE	CHECKED VEHICLES	Seized VEHICLES	YEARLY COLLECTED REVINUE	CHECKED VEHICLES	Seized Vehicles REVENUE	YEARLY COLLECTED
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Kolhapur	31,977	3,364	3,144	30,892	2,117	2,320	38,085	4,539	3,065	42,580	5,237	3,549
2	Sangli	18,785	2,345	2,073	26,365	2,642	2,559	40,595	3,855	2,847	47,383	4,127	3,258
3	Satara	19,060	2,103	2,444	19,383	2,040	2,441	20,021	3,662	2,912	22,043	3,413	3,718
	TOTAL =	69,822	7,812	7,661	76,640	6,799	7,320	98,701	12,056	8824	112006	12777	10525

Graph For Squad Operations
District v/s Squad Revenue
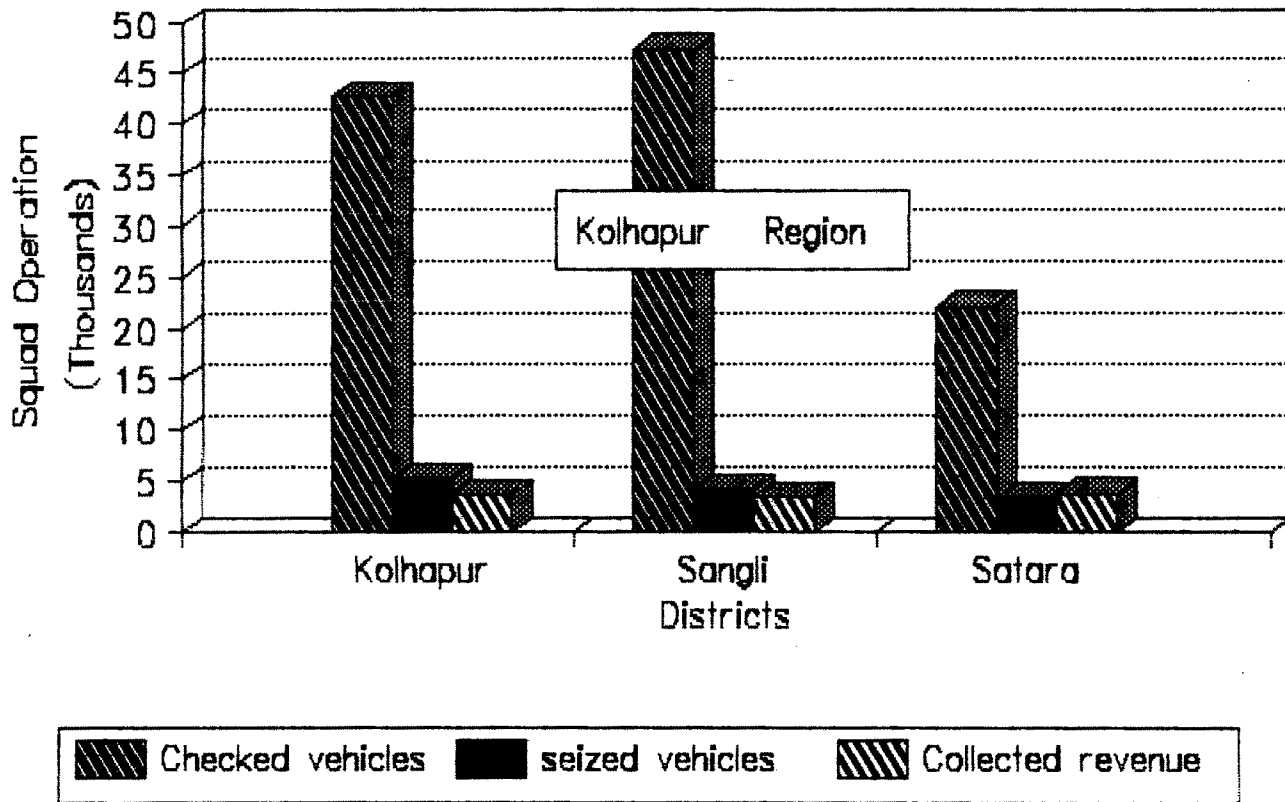
Table 3.

In above table the progress of the Flying Squad is
observed in respect to number of checked vehicles, the
number of seized vehicles and the fine collected from them.
The number of checked vehicles in year 1992 was 38085 and in
year 1993 it is 42580. The number of seized vehicles in year
is 1993 it is 5237. So it shows there is measurable improvement
in the work of Flying Squads.if the amount recovered is
considered in year 1992 was Rs. 3,065 and in year 1993 is
Rs.3,549(thousands).

The number of seized vehicles is also considerably increased.
The revenue collected by the Kolhapur district is compared
with that of Sangli district and satara district then it is
found that Kolhapur is at the second place.The Satara district
has recovered revenue of Rs.3,718. The graph is plotted with
appropriate scales (District v/s Squad operations) the work of
Kolhapur Region squad is quite progressive. It is found that the
number of checked vehicles is increased remarkably.

Table 4

Checkpostwise Revenue Collection In M.S.

1	2	1988 Trials 3	1989 Trials 4	1990 Trials 5	1991 Trials 6	1992 Trials 7	1993 Trials 8	Recovery 9	Recovery 10	Recovery 11	Recovery 12	Recovery 13	Recovery 14
1	INSULI	1,349	19,700	25,282	22,545	15,449	26,508	233	2,574	6,594	8,051	9,255	12,528
2	CHAROTI	20,952	32,010	79,425	63,029	29,306	30,454	3,557	13,720	13,350	16,290	18,757	20,189
3	KAGAL	3,416	22,236	38,032	37,105	39,127	48,973	1,681	7,373	10,118	13,691	15,948	19,252
4	DEVARI	2,818	8,211	16,214	14,469	14,616	20,497	495	2,334	2,583	3,019	3,844	4,502
5	PALASNER	1,662	15,527	26,985	24,701	36,740	45,457	737	5,222	7,153	7,401	10,626	14,050
6	UMARAGA	1,112	5,337	7,893	9,805	9,266	11,754	501	1,067	2,034	3,263	4,359	4,080
	TOTAL	31,309	103,021	193,831	171,654	144,504	183,643	7,204	32,290	41,832	51,715	62,789	74,601

Graph for Checkpostwise Collection
Year v/s Collection

Bar chart titled "Kagal Checkpost" showing Checkpost (Thousands) on the y-axis (0 to 50) versus Years on the x-axis (1988 to 1993). Legend: Trials (hatched), Recovery (solid black).

Table 5

Districtwise & Tax Classificationwise Total Revenue

NO.	OFFICE	MOTOR VEHICALS TAX			ROJAGAR HAMI YOJANA			PERMIT FEE	OTHERS				
		1990-91	1991-92	1992-93	1990-91	1991-92	1992-93	1990-91	1991-92	1992-93	1990-91	1991-92	1992-93
1	2	3	4	5	6	7	8	9	10	11	12	13	
	KOLHAPUR	697.06	802.63	903.11	14.68	13.86	12.17	127.31	132.11	139.12	0.36	0.38	0.41
	SANGLI	301.55	335.19	355.34	8.13	7.82	6.78	52.44	55.65	59.89	0.30	0.19	0.18
	SATARA	328.85	370.06	377.90	7.36	8.46	9.45	46.42	47.63	48.11	0.30	0.00	0.00
	TOT KOP DIV	1,327.46	1,507.88	1636.35	30.17	30.14	28.40	226.17	235.39	247.12	0.96	0.57	0.59

Graph for Tax Classwise Revenue
Years v/s Tax

Graph showing Tax class (y-axis, 0–900) versus Year (x-axis: 1991, 1992, 1993) for Kolhapur Devision.

Legend: BMV Tax, Rojagar Hami, Motor Vehicle, Others
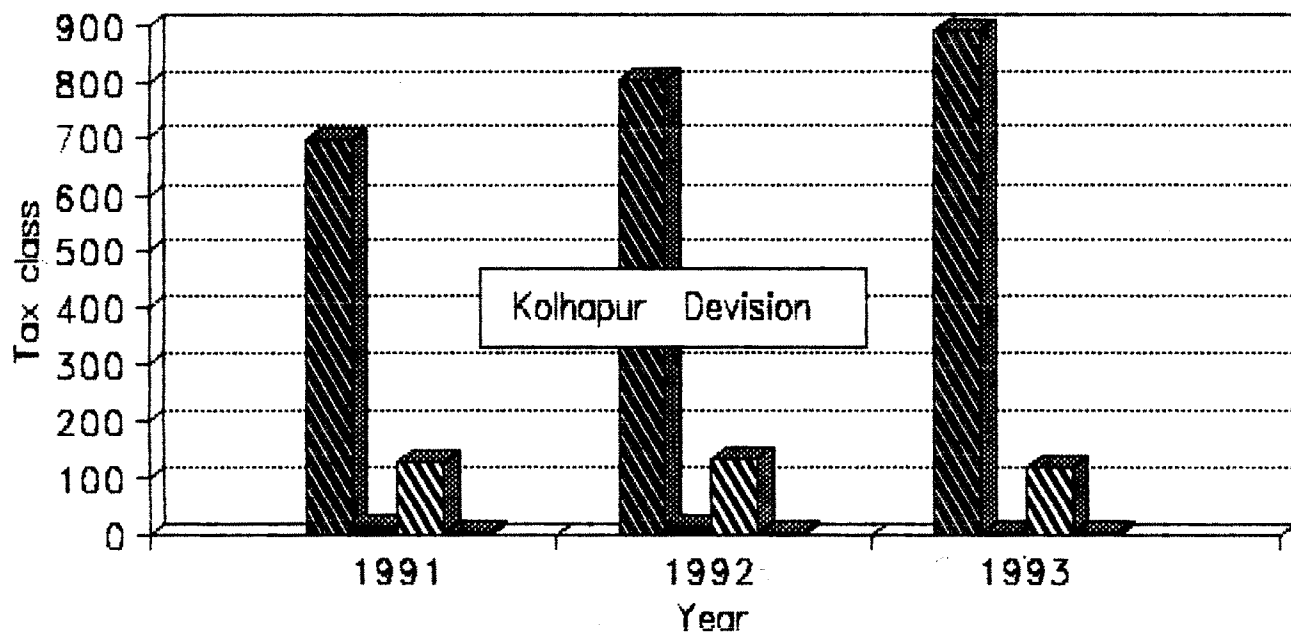
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        MAHARASHTRA STATE OFFICIAL (Govt.) DISTRICTWISE VEHICLES
        WHICH ARE IN USE ONLY FOR KOLHAPUR, SATARA, SANGLI.
------------------------------------------------------------------------
    SR.NO TYPE OF VEHICLE  KOLHAPUR  SANGLI   SATARA  TOTAL KOLHAPUR REG
      1         2             3        4        5           6
------------------------------------------------------------------------
      1 MOTOR CYCLE         27,979   22,826   22,158       72,963
      2 SCOOTER            33,325   17,554   11,730       62,609
      3 MOPED              31,271   16,512   15,214       62,997
                                    ------------------------------------
        TOT TWO WHILL       92,575   56,892   49,102      198,569
                                    ------------------------------------
      4 CARS                6,836    3,329    2,472       12,637
      5 JEEPS               2,477    2,154    2,298        6,929
      6 STATION VAGAN          83       34      157          274
      7 TAXI                  187       48      414          649
      8 AUTO RIXA           7,982    3,174    3,279       14,435
      9 TAPPA VEHICAL         794      675      679        2,148
     10 CONTRACT VEH           55       10        3           68
     11 SCHOOL VEH              7        8       18           33
     12 PRIVATE VEH            10        5        8           23
     13 AMBULANCE              60       19       29          108
     14 TRUX,LORRY          6,933    2,790    3,815       13,538
     15 DELI VAN 4 WHEEL    1,793    2,019    1,327        5,139
     16    "       3 "         299       90       99          488
     17 TRACTOR             6,806    3,089    4,407       14,302
     18 TRAILAR             6,044    4,267    4,909       15,220
     19 EXTRA                  59       50       49          158
                                    ------------------------------------
        TOTAL :            133,000   78,653   73,065      284,718
------------------------------------------------------------------------
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M.S. Govt. Vehicles
Distric v/s Type of Vehicle
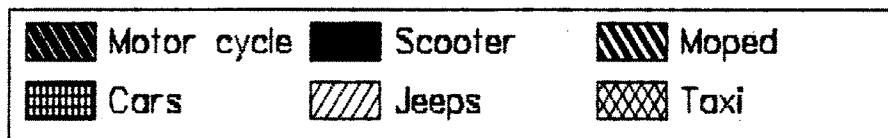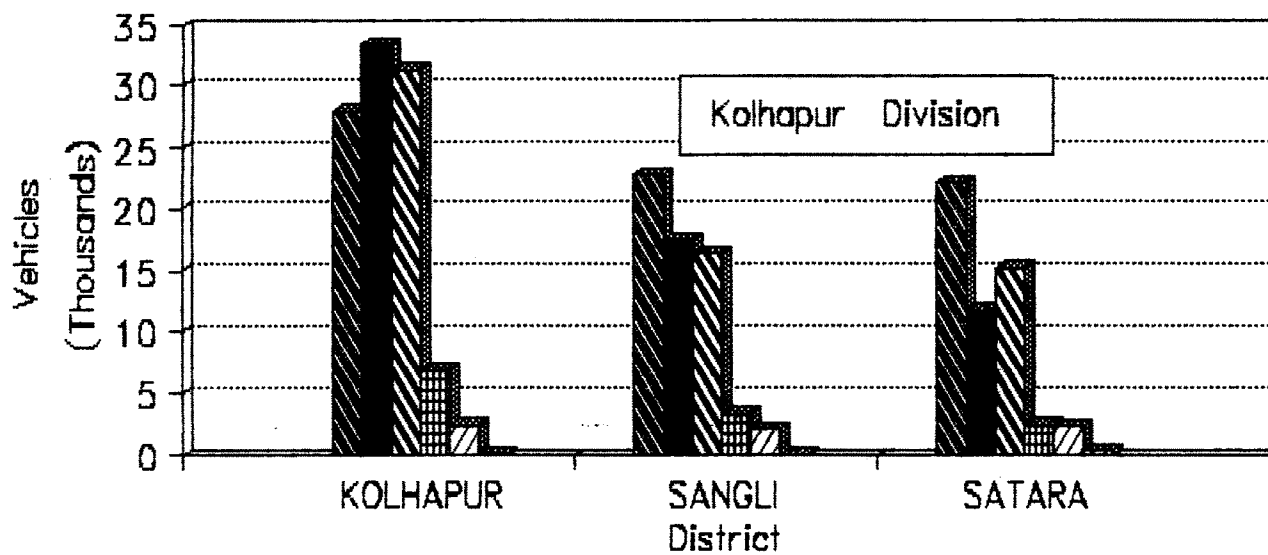
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------------------------------------------------------------------
              R E P O R T   ---   S H O W I N G
              ------------------------------------------
      DISTRICTWISE COMPARISION OF REVENUE COLLECTION
      ----------------------------------------------------
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```

DIST CODE	DISTRICT NAME	1991-92 [Rs.In Lakhs]	1992-93 [Rs.In Lakhs]	+/- % COMPARING LAST YEAR
1 3	KOLHAPUR	987.00 3	105022 3	13.80 3
2 3	SANGALI	399.00 3	430.20 3	4.32 3
3 3	SATARA	426.00 3	480.10 3	5.16 3

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Table 1.

In above table the Districtwise revenue collection of
Kolhapur District is compared with last years revenue.
The revenue collected in Kolhapur District is increase in
percentage is drawn out.The same procedure is adopted for
revenue collection of Sangli and Satara districts.The
revenue of Kolhapur district is more in Kolhapur Region.

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REPORT SHOWING PROGRESSIVE CHART OF VARIOUS CHECK POSTS
    OF MAHARASHTRA STATE YEAR 1989 - 90  TO 1990 - 91
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CHECK POST	1990 - 91		1991 - 92	
	TRIALS	REVENUE	TRIALS	REVENUE
KAGAL	39127	15948.00	41233	21743.00
CHAROTI	30454	20189.00	32466	23843.00
INSULI	26508	12528.00	33463	16723.00
DEVARI	20497	4502.00	26549	51648.00
UMARGA	11754	4080.00	13658	38123.00
PALSNER	45457	14050.00	54728	17946.00
	173797	71297.00	202097	170026.00

Tabel 2.

The table shows the checking progress of various

Checkposts.

The main data is analysed that of Kagal checkpost.

The total number of trials and revenue collected is

calculated. Other checkposts namely Charoti,Insuli and

Umarga is also noted.The Charoti is found to be the highest

progressive checkpost among all these.The total number of

trials is also taken into consideration.

Table 3

REPORT SHOWING THE MAHARASHTRA STATE
TOTAL REVENUE COLLECTION UNDER VARIOUS HEADS

SR.NO.	TYPE OF TAX COLLECTION	1991 - 92	1992 - 93
1	ROAD TAX & FURTHER TAX	20854.00	22436.00
2	MOTOR VEHICLE REGISTRATION FEE	547.20	602.18
3	LICENSE FEE	243.32	258.60
4	PERMIT FEE	45.88	52.23
5	PUBLIC CARRIER PERMIT FEE	160.83	167.56
6	TAXY PERMIT FEE	107.46	120.42
7	SATELMENT AMOUNT	892.74	927.45
8	OTHER FEE	365.21	420.18
9	PUBL CARRIER & PASSNG-OLD RECOVERY	0.09	0.65
10	PUBL CARRIER & PASSNG-PASSANGER TAX	19039.44	20141.17
		42256.17	45126.44

Table 3.

In this table the analysis of the revenue collected under
various heads is done. The revenue collected under Road Tax
and Further tax is much high among all other heads.Next to
this is passing of passenger tax is highest one.The lowest
one is passenger old-recovery.

The total revenue collected under various heads is near
about Rs. 45126.44(lakhs).

REPORT SHOWING TAX LEVIED BY FLYING SQAD FOR THE YEAR 1990 - 91 TO 1992 - 93

.NO.	NAME OF SQAD	1990 - 1991			1992 - 1993		
		CHECKED VEHICLES	SEAZED VEHICLES	YEARLY COLLECTED REVENUE	CHECKED VEHICLES	SEAZED VEHICLES	YEARLY COLLECTED REVENUE
٤	KOLHAPUR	38085	4539	3065.00	42580	5237	3549.00
٠	SANGALI	40595	3855	2847.00	47383	4127	3258.00
٤	SATARA	20021	3662	2912.00	22043	3913	3718.00
	TOTALS	98701	12056	8824.00	112006	13277	10525.00

Table 4.

The Table shows the tax levied by the flying squad.
The total number of checked vehicles and number of seized
vehicles is also noted.The total revenue collected is taken
into consideration. The report prints the Regionwise total,
which covers Kolhapur,Sangli and Satara districts.