**Chalan Automation System in C++**

**Source Code :**

#include<iostream.h>

#include<stdlib.h>

#include<string.h>

#include<conio.h>

main()

{

clrscr();

int fintotal=0,total,c,no,r=0,q=1800,w=500,e=800,t=3000,y=4000,u=2000,i=3500,p=2500,a=4500;

char cont;

cout<<"enter the car id\n";

cin>>c;

cout<<"how many rules have been voilated";

cin>>no;

for (int qq=0;qq<no;qq++)

{

cout<<endl<<"select the rules voilated"<<endl;

cout<<"1.using phone while driving"<<endl;

cout<<"2.wrong side"<<endl;

cout<<"3.seatbealt"<<endl;

cout<<"4.rash driving"<<endl;

cout<<"5.drink and drive"<<endl;

cout<<"6.signal jump"<<endl;

cout<<"7.no license"<<endl;

cout<<"8.pollution"<<endl;

cout<<"9.no RC"<<endl;

cin>>r;

clrscr();

switch(r)

{ case 1 :

cout<<endl<<"fine for using phone while driving "<<q<<endl;

total=q;

break;

case 2 :

cout<<endl<<"fine for wrong side"<<w<<endl;

total=w;

break;

case 3 :

cout<<endl<<"fine for seatbealt "<<e<<endl;

total=e;

break;

case 4 :

cout<<"fine for rash driving "<<t<<endl;

total=t;

break;

case 5 :

cout<<endl<<"fine for drink and drive "<<y<<endl;

total=y;

break;

case 6 :

cout<<"fine for signal jump "<<u<<endl;

total=u;

break;

case 7 :

cout<<endl<<"fine for no license "<<i<<endl;

total=i;

break;

case 8 :

cout<<endl<<"fine for pollution "<<p<<endl;

total=p;

break;

case 9 :

cout<<endl<<"fine for no RC "<<a<<endl;

total=a;

break;

default :

cout<<"wrong input";

}

fintotal=fintotal+total;

}

cout<<endl<<"total fine = "<<fintotal<<" Rupees";

// cout<<"\n You have charged"<<r;

/\*

cout<<"you want to continue yes or no";

cin>>cont;

if(cont=="yes")

{goto switch;}

else

goto default;

\*/

getch();

}





