**public class TestTrafficViolations{**

**public static void main(String args[]){**

TrafficViolations a = null;

a.trafficviolation();

}

}

**class TrafficViolations{**

**public static void trafficviolation(){**

int speed, lic, registration, insurance, location;

double fine = 0, sfine=0;

String court = "", warning = "";

Scanner scan = new Scanner(System.in);

System.out.println("Do you have license (1/0) 1 for yes or 0 No ( for No driver license $25.00)");

lic=scan.nextInt();

System.out.println("Tag expired (1/0) 1 for yes or 0 No ( for Expired tag $20.00)");

int tag=scan.nextInt();

System.out.println("Do you have Registration (1/0) 1 for yes or 0 No ( No registration $20.00)");

registration=scan.nextInt();

System.out.println("Do you have Insurance(1/0) 1 for yes or 0 No (No insurance $10.00)");

insurance=scan.nextInt();

if(lic==0) fine=fine+25;

if(tag==1) fine=fine+20;

if(registration==0)fine=fine+20;

if(insurance==0) fine=fine+10;

//Moving Violation

//Speeding violation or speeding in construction zone

System.out.println("Enter Speed ");

speed =scan.nextInt();

System.out.println("Enter location (Enter 1/0) if school area 1 otherwise zero ");

location= scan.nextInt();

switch(location){

case 0:

//Miles 0ver the Speed Limit

if(speed>=1 &&speed <=5 ) warning = "Warning for Speed Limit violation, please drive below the speed limit.";

if(speed>6 &&speed <=9 )sfine=sfine+130.00;

if(speed>10 && speed <=14 )sfine=sfine+205.00;

if(speed>=15 && speed<=19 )sfine=sfine+405.00;

if(speed>20 && speed<=29 )sfine=sfine+455.00;

if(speed>30){

sfine=sfine+605.00;

court = "Court appearance.";

}

break;

case 1:

//Speeding in school zone or speeding within a toll facility

if (speed>=1 &&speed <=5 && location ==1) sfine=sfine+155.00;

if (speed>6 && speed <=9 && location ==1 ) sfine=sfine+255.00;

if (speed>10 && speed <=14 && location ==1 )sfine=sfine+305.00;

if (speed>15 && speed <=19 && location ==1)sfine=sfine+405.00;

if (speed>20 && speed <=29 && location ==1)sfine=sfine+455.00;

break;

default:

break;

}

System.out.println("Fine for Non Moving Violation = "+fine+"$");

if(court.equals("") && warning.equals("")){

System.out.println("Fine for Moving Violation = "+sfine+"$");

System.out.println("Fine for Non Moving + Moving Violation = "+(fine+sfine)+"$");

}else{

System.out.println("Fine for Moving Violation = "+sfine+"$ and "+court+warning);

System.out.println("Fine for Non Moving + Moving Violation = "+(fine+sfine)+"$ and "+court+warning);

}

}

}