

**Imagine a tollbooth and a bridge. Cars passing by have to pay Rs. 50 Some cars passed by without paying the tax and some have to pay .Display msg
1.No. of cars passed by ,2.Total no. of cars who have not paid the tax and 3.
Amount of cash collected**

```
import java.io.*;
class car
{
    static int ctr=0;
    static int ctr_tax=0;
    car()
    {
        ctr++;
    }
    void tax(int a)
    {
        if(a==1)
            ctr_tax++;
    }
}

class booth
{
    public static void main(String arg[])
    {
        DataInputStream ins=new DataInputStream(System.in);
        int ans=1,ncar=5;
```

```
do
{
    car c=new car();
    try
    {
        System.out.print("Press 1 if u want to pay tax ");
        ans=Integer.parseInt(ins.readLine());
        c.tax(ans);
        System.out.print("Another car? Press 5 ");
        ncar=Integer.parseInt(ins.readLine());
    }
    catch(IOException e)
    {}
}
while(ncar==5);
System.out.println("Total no. of cars passed by: "+car.ctr);
int non=car.ctr-car.ctr_tax;
System.out.println("No. of cars which have not paid tax: "+non);
int amt=car.ctr_tax*50;
System.out.println("Amount of cash collected: "+amt);
}
}
```

Output:

```
C:\Documents and Settings\Administrator\Desktop\java\New Folder>java booth
Press 1 if u want to pay tax 1
Another car? Press 5 5
Press 1 if u want to pay tax 2
Another car? Press 5 5
Press 1 if u want to pay tax 1
Another car? Press 5 6
Total no. of cars passed by: 3
No. of cars which have not paid tax: 1
Amount of cash collected: 100
```