Assignment-6

Program:

```java
package Assignment2;
import java.util.*;
class Car
{
    private String licenseNumber;
    private String model;
    private double currentMileage;
    private int engineSize;
    public Car()
    {

    }
    public void setLicNo(String licNo) {
        this.licenseNumber=licNo;}
    public String getLicNo() {
        return licenseNumber;}
    public void setModel(String M) {
        this.model=M;}
    public String getModel() {
        return model;}
    public void setCurrMil(double mil) {
        this.currentMileage=mil;}
    public double getCurrMil() {
        return currentMileage;}
    public void setEngSiz(int e) {
        this.engineSize=e;}
    public int getEngSiz() {
        return engineSize;}

    public String toString()
    {
        return "License Number:
"+licenseNumber+"\n"+"Model Number: "+model+"\n"+"Current
Mileage: "+currentMileage+"\n"+"Engine Size: "+
engineSize+"\n";
    }
```

```java
}

public class CarDetails {
    public static void main(String args[]) {
        Car c = new Car();
        Scanner sc = new Scanner(System.in);
        System.out.print("Enter No of Cars: ");
        int No_Cars=sc.nextInt();
        Car[] cars = new Car[No_Cars];
        for(int i=0;i<No_Cars;i++)
        {
            System.out.println("Enter Car "+(i+1)+"
Details:");
            String licNo=sc.next();
            c.setLicNo(licNo);
            String M =sc.next();
            c.setModel(M);
            double mil = sc.nextDouble();
            c.setCurrMil(mil);
            int e = sc.nextInt();
            c.setEngSiz(e);
            cars[i]=c;
        }
        for(Car x : cars)
            System.out.println(x);
        sc.close();
    }

}
```

Output:

```
Enter No of Cars: 3
Enter Car 1 Details:
A123-456-789-101-112
RollsRoyce
56.00
1278
Enter Car 2 Details:
VX12-123-567-099-726
Benz
```

46.9
1127
Enter Car 3 Details:
BFH1-781-837-817-128
Maruthi
45.00
789
License Number: BFH1-781-837-817-128
Model Number: Maruthi
Current Mileage: 45.0
Engine Size: 789

License Number: BFH1-781-837-817-128
Model Number: Maruthi
Current Mileage: 45.0
Engine Size: 789

License Number: BFH1-781-837-817-128
Model Number: Maruthi
Current Mileage: 45.0
Engine Size: 789