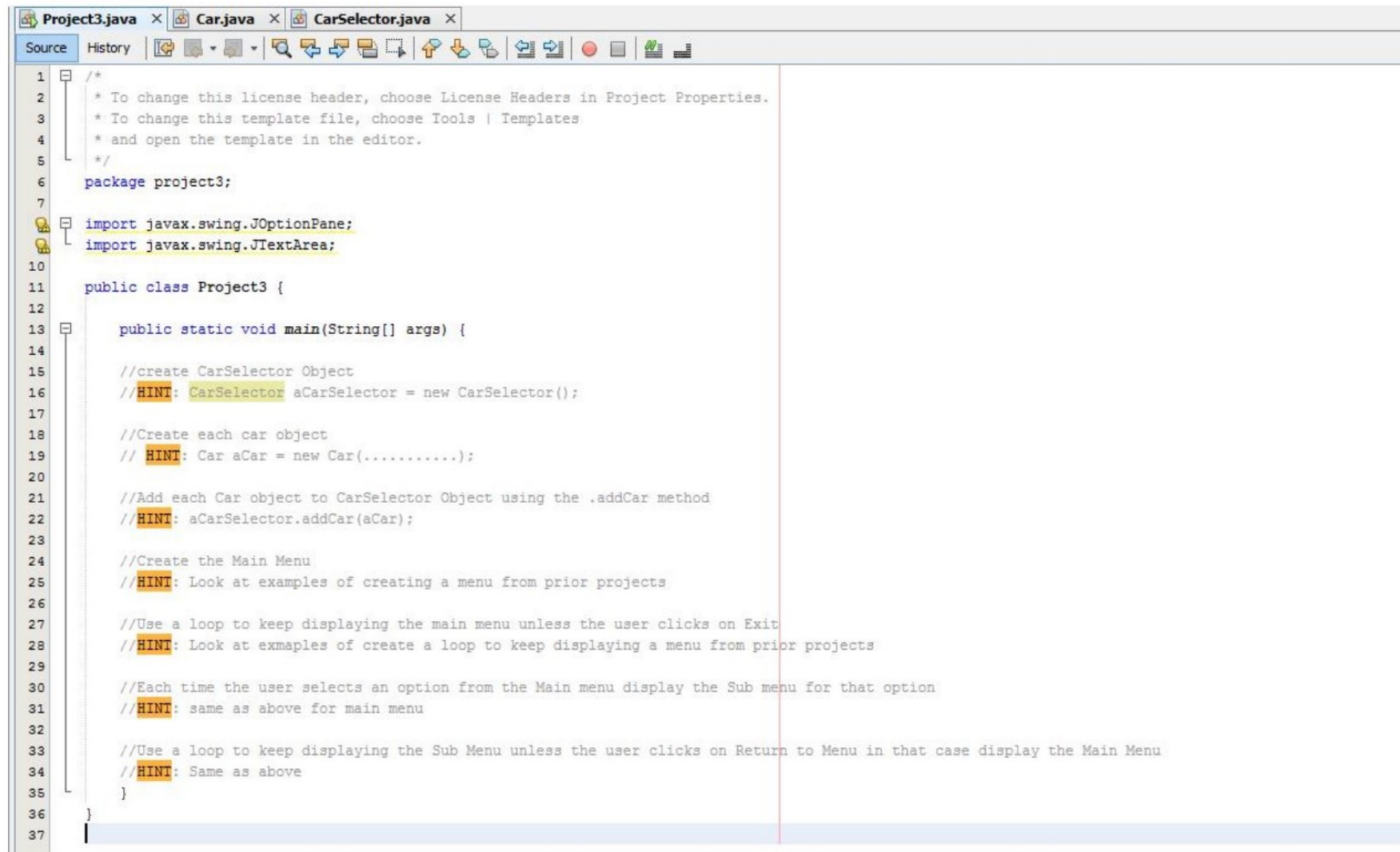


## Project III Consists of 3 Classes

### 1. Main Class



```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package project3;
7
8  import javax.swing.JOptionPane;
9  import javax.swing.JTextArea;
10
11 public class Project3 {
12
13     public static void main(String[] args) {
14
15         //create CarSelector Object
16         //HINT: CarSelector aCarSelector = new CarSelector();
17
18         //Create each car object
19         // HINT: Car aCar = new Car(.....);
20
21         //Add each Car object to CarSelector Object using the .addCar method
22         //HINT: aCarSelector.addCar(aCar);
23
24         //Create the Main Menu
25         //HINT: Look at examples of creating a menu from prior projects
26
27         //Use a loop to keep displaying the main menu unless the user clicks on Exit
28         //HINT: Look at examples of create a loop to keep displaying a menu from prior projects
29
30         //Each time the user selects an option from the Main menu display the Sub menu for that option
31         //HINT: same as above for main menu
32
33         //Use a loop to keep displaying the Sub Menu unless the user clicks on Return to Menu in that case display the Main Menu
34         //HINT: Same as above
35     }
36 }
37
```

## 2. CarSelector Class

```
object3.java x Car.java x CarSelector.java x
History [Icons]
package project3;

public class CarSelector {

    private Car[] carList;

    public CarSelector()

    public void addCar(Car aCar)

    public String printCars()

    public String getMaxSpeedInfo()

    public String getMinSpeedInfo()

    public String getAvrgSpeedInfo()

    public String getAvrgPriceInfo()

    public String getMaxPriceInfo()

    public String getMinPriceInfo()

    public String getMaxRangeInfo()

    public String getMinRangeInfo()

    public String getAvrgRangeInfo()

    public String getMaxAccelerationInfo()

    public String getMinAccelerationInfo()

    public String getAvrgAccelerationInfo()
}
```

### 3. Car Class

```
project3.java x Car.java x CarSelector.java x
ce History [Icons]
+ ...5 lines
package project3;

+ import ...

+ /**...4 lines */
public class Car {
    private String make;
    private String model;
    private double acceleration;
    private int range;
    private double price;
    private int topSpeed;

+ public Car(String make, String model, double acceleration, int range, double price, int topSpeed) {...8 lines }

+ public String getMake() {...3 lines }

+ public void setMake(String make) {...3 lines }

+ public String getModel() {...3 lines }

+ public void setModel(String model) {...3 lines }

+ public double getAcceleration() {...3 lines }

+ public void setAcceleration(double acceleration) {...3 lines }

+ public int getRange() {...3 lines }

+ public void setRange(int range) {...3 lines }

+ public double getPrice() {...3 lines }

+ public void setPrice(double price) {...3 lines }

+ public int getTopSpeed() {...3 lines }

+ public void setTopSpeed(int topSpeed) {...3 lines }

+ public String getSummary() {...5 lines }

}
```