

# Car Customization System

Design a system to customize Car Models using the Builder Design Pattern. Each car configuration should include:

1. Model Name: (e.g., "Tesla Model 3", "Ford Mustang")
2. Engine Type: (e.g., Electric, Petrol, Diesel, Hybrid)
3. Color: (e.g., Red, Blue, Black)
4. Transmission: (e.g., Automatic, Manual)
5. Sunroof: (Yes/No)
6. Infotainment System: (Yes/No)

Use builder pattern to create two types of car Default Car or Customized Car according to configuration below:

<b>Default Car:</b> <ul style="list-style-type: none"><li>- Model Name: Default Model</li><li>- Engine Type: Petrol</li><li>- Color: White</li><li>- Transmission: Manual</li><li>- Sunroof: No</li><li>- Infotainment System: No</li></ul>	<b>Customized Car:</b> <ul style="list-style-type: none"><li>- Model Name: Tesla Model 3</li><li>- Engine Type: Electric</li><li>- Color: Midnight Silver</li><li>- Transmission: Automatic</li><li>- Sunroof: Yes</li><li>- Infotainment System: Yes</li></ul>
---	---

## Example Use:

```
public class Main {  
    public static void main(String[] args) {  
  
        Car defaultCar = new CarBuilder().build();  
        System.out.println("Default Car Configuration:\n" + defaultCar);  
  
        Car customCar = new CarBuilder()  
            .setModelName("Tesla Model 3")  
            .setEngineType("Electric")  
            .setColor("Red")  
            .setTransmission("Automatic")  
            .setSunroof(true)  
            .setInfotainmentSystem(true)  
            .build();  
        System.out.println("Customized Car Configuration:\n" + customCar);  
    }  
}
```