Creative Assignment Of Design Pattern On "Decorator Design Pattern"

Submitted By

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Car.java

```
public interface Car {
    public void assemble();
}
```

BasicCar.java

CarDecorator.java

}

SportsCar.java

LuxuryCar.java

DecoratorPatternTest.java

```
public class DecoratorPatternTest {
    public static void main(String[] args)

{ System.out.println("This is Decorator Design Pattern :"+"\n");
        Car sportsCar = new SportsCar(new BasicCar());
        sportsCar.assemble();
        System.out.println("\n");

        Car sportsLuxuryCar = new SportsCar(new LuxuryCar(newBasicCar()));
        sportsLuxuryCar.assemble();
    }
}
```

Output:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Pushp\OneDrive\Desktop\New folder> & 'C:\Program Files\Java\jdk-18\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:60664' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\Pushp\AppData\Roaming\Code\User\workspaceStorage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\forage\for
```

Github Link:

https://github.com/utkarshhajare/Decorator-Design-Pattern/upload