Experiment 2

Student Name: Vaishnavi Sharma **UID: 22BCS10305**
Branch: B.E CSE **Section/Group: IOT_635 B**
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1. **Aim:** Write a Java program to create a Product class with attributes id, name, and price.

2. **Objective:** To Implement a constructor to initialize the attributes and then to create a method to display product details and Instantiate multiple Product objects and display their details.

3. **Algorithm/Approach:**
   Start

   Define a class Product with attributes:
   int id (stores product ID)
   String name (stores product name)
   double price (stores product price)

   Create a constructor to initialize the attributes.

   Define a method displayProduct() to print product details.

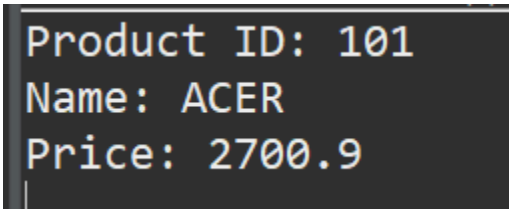
   Inside the main method:
   Create instances of the Product class.
   Call the displayProduct() method to print product details.

   End.

4. **Implementation/Code:**

```
package package_Noobie;

public class EXP_2 {

int id;
String name;
double price;

EXP_2(int id, String name, double price)
   {
      this.id = id;
      this.name = name;
      this.price = price;
   }

   public void displayProduct() {
      System.out.println("Product ID: " + id);
      System.out.println("Name: " + name);
      System.out.println("Price: " + price);
   }

   public static void main(String [] args) {
   EXP_2 product = new EXP_2(101 , "ACER", 2700.90);
    product.displayProduct();
   }
}
```

5. **Output**



6. **Learning Outcome:**
   - Use private attributes with getter and setter methods for data protection.
   - Understand how to call methods on objects to perform operations.
   - Learn how to store and manage multiple product details using objects.