

Problem 1: Product Class (Easy Level)

Description:

Write a Java program to create a **Product** class with attributes:

- id, name, and price
- Implement a constructor and methods to display product details.

Code:

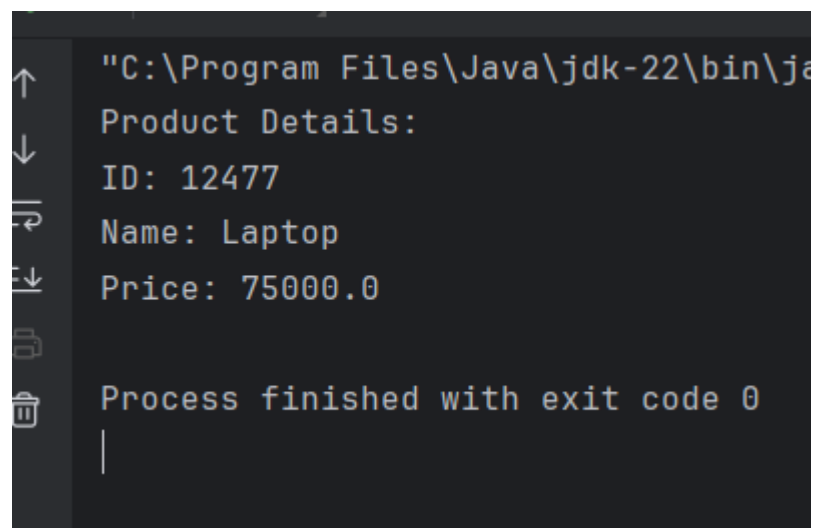
```
public class Product {
    private int id;
    private String name;
    private double price;

    // Constructor
    public Product(int id, String name, double price) {
        this.id = id;
        this.name = name;
        this.price = price;
    }

    // Method to display product details
    public void displayDetails() {
        System.out.println("Product Details:");
        System.out.println("ID: " + id);
        System.out.println("Name: " + name);
        System.out.println("Price: " + price);
    }

    public static void main(String[] args) {
        Product product = new Product(12477, "Laptop", 75000);
        product.displayDetails();
    }
}
```

Output:



```
"C:\Program Files\Java\jdk-22\bin\java.exe"
Product Details:
ID: 12477
Name: Laptop
Price: 75000.0

Process finished with exit code 0
```