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1 /*Problem Statement:Developing a Simple Inventory Management System for a Store
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5  ROLL NO:09*/
6 package pkg3;
7  class Product {
8  private String name;
9  private double price;
10 private int quantity;
11 public Product(String name, double price, int quantity) {
12     this.name = name;
13     this.price = price;
14     this.quantity = quantity;}
15 public void displayProductDetails() {
16     System.out.println("Product Name: " + name);
17     System.out.println("Product Price: " + price);
18     System.out.println("Product Quantity: " + quantity);}
19 public void updatePrice(double newPrice) {this.price = newPrice;}
20 public void updateQuantity(int newQuantity) {this.quantity = newQuantity;}
21 public double calculateTotalValue() {return price * quantity;}
22 }
23 public class StoreManagementSystem {
24     public static void main(String[] args) {
25         System.out.println("~A PROJECT BY KASHISH GUPTA");
26         Product product1 = new Product("Apple", 10.99, 50);
27         Product product2 = new Product("Banana", 0.99, 100);
28         System.out.println("Product 1 Details:");
29         product1.displayProductDetails();
30         System.out.println("Product 2 Details:");
31         product2.displayProductDetails();
32         product1.updatePrice(12.99);
33         product2.updateQuantity(120);
34         System.out.println("Updated Product 1 Details:");
35         product1.displayProductDetails();
36         System.out.println("Updated Product 2 Details:");
37         product2.displayProductDetails();
38         System.out.println("Total Value of Product 1 Stock: " + product1.calculateTotalValue
39         ());
40         System.out.println("Total Value of Product 2 Stock: " + product2.calculateTotalValue
41         ());
42     }
43 }
```