

Question 4 E-commerce Order\OrderTest.java

```
1  import java.util.Scanner;
2
3  public class OrderTest {
4      public static void main(String[] args) {
5          Scanner scanner = new Scanner(System.in);
6
7          // Prompt the user to enter the order ID
8          System.out.print("Enter a new number ID for order: ");
9          int orderId = scanner.nextInt();
10         Order order = new Order(orderId);
11
12         // Prompt the user to enter the number of items in the order
13         System.out.print("How many items in the order: ");
14         int itemCount = scanner.nextInt();
15
16         // Receive inputs for items of the order
17         for (int i = 1; i <= itemCount; i++) {
18             System.out.print("Please enter the ID for item " + i + ": ");
19             int itemId = scanner.nextInt();
20             System.out.print("Please enter the Name for item " + i + ": ");
21             String itemName = scanner.next();
22             System.out.print("Please enter the Price for item " + i + ": ");
23             double itemPrice = scanner.nextDouble();
24
25             // Create and add the item to the order
26             order.addItem(new Item(itemId, itemName, itemPrice));
27         }
28
29         // Calculate and display the average cost of items in the order
30         double averageCost = order.calculateAverageCost();
31         System.out.println("You have a new order with ID: " + orderId);
32         System.out.println("In the order, you have " + itemCount + " items.");
33         System.out.println("The average price in the order is: " + averageCost);
34
35         scanner.close();
36     }
37 }
38
```