

ASSIGNMENT – COURIER MANAGEMENT SYSTEM

Coding

Task 2: Loops and Iteration

5. Write a Java program that uses a for loop to display all the orders for a specific customer.

```
import java.util.*;
```

```
public class Orders {
```

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

```
        // TODO Auto-generated method stub
```

```
        Scanner sc = new Scanner(System.in);
```

```
        // Get customer name
```

```
        System.out.print("Enter customer name: ");
```

```
        String customerName = sc.nextLine();
```

```
        // Get number of orders
```

```
        System.out.print("Enter number of orders: ");
```

```
        int orderCount = sc.nextInt();
```

```
        sc.nextLine(); // consume leftover newline
```

```
        // Create array to hold orders
```

```
        String[] orders = new String[orderCount];
```

```
        // Input order details
```

```
        for (int i = 0; i < orderCount; i++) {
```

```
            System.out.print("Enter details for Order #" + (i + 1) + ": ");
```

```

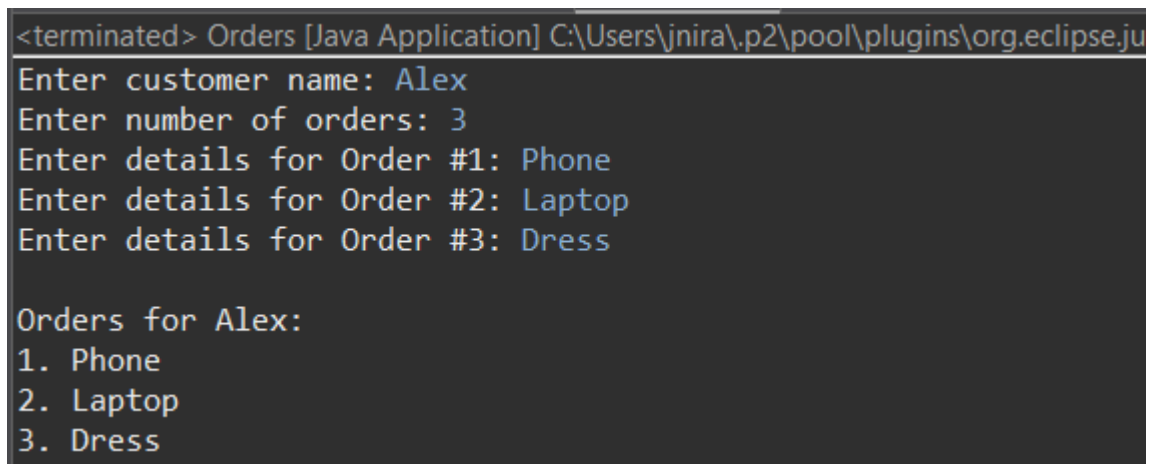
        orders[i] = sc.nextLine();
    }

    // Display orders
    System.out.println("\nOrders for " + customerName + ":");
    for (int i = 0; i < orders.length; i++) {
        System.out.println((i + 1) + ". " + orders[i]);
    }

    sc.close();

    }
}

```



The screenshot shows a Java application window titled "Orders [Java Application]". The window contains a text area with the following text:

<terminated> Orders [Java Application] C:\Users\jnira\.p2\pool\plugins\org.eclipse.ju

Enter customer name: Alex

Enter number of orders: 3

Enter details for Order #1: Phone

Enter details for Order #2: Laptop

Enter details for Order #3: Dress

Orders for Alex:

1. Phone

2. Laptop

3. Dress

6. Implement a while loop to track the real-time location of a courier until it reaches its destination.

```

public class Tracking {

    public static void main(String[] args) {

        // TODO Auto-generated method stub

        String[] locations = {

            "Bangalore",

```

```

        "Chennai Port",
        "Local Distribution Center",
        "Out for Delivery",
        "Delivered"
    };

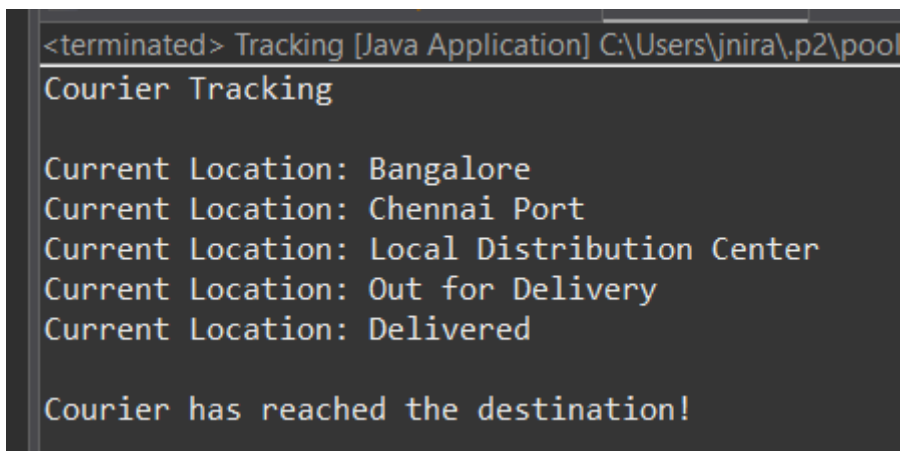
    int index = 0;

    System.out.println("Courier Tracking\n");

    while (index < locations.length) {
        System.out.println("Current Location: " +
locations[index]);
        index++;
    }
    System.out.println("\nCourier has reached the destination!");
}

}

```



```

<terminated> Tracking [Java Application] C:\Users\jnira\.p2\pool
Courier Tracking

Current Location: Bangalore
Current Location: Chennai Port
Current Location: Local Distribution Center
Current Location: Out for Delivery
Current Location: Delivered

Courier has reached the destination!

```