

## ONLINE FOOD ORDERING MANAGEMENT SYSTEM

Task 1 : Build simple java application with class objects and methods and make use of package creations.

### Coding

//Login class

import java.util.\*;

class Login {

    String username;

    void userLogin() {

        Scanner sc = new Scanner(System.in);

        System.out.print("Enter Username: ");

        username = sc.nextLine();

        System.out.println("Welcome, " + username + "!");

    }

}

```
//Menu class
```

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

```
class Menu {
```

```
    String[] items = {"Coffee", "Tea", "Sandwich", "Burger"};
```

```
    int[] prices = {50, 30, 80, 100};
```

```
    void showMenu() {
```

```
        System.out.println("\n----- FOOD MENU -----");
```

```
        for (int i = 0; i < items.length; i++) {
```

```
            System.out.println((i + 1) + ". " + items[i] + " - Rs." + prices[i]);
```

```
        }
```

```
        System.out.println("5. Exit");
```

```
    }
```

```
}
```

```
// Main class
```

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

```
import java.io.*;
```

```
public class CafeMain {
```

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

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

```
        Login login = new Login();
```

```
        Menu menu = new Menu();
```

```
        int choice, qty;
```

```
        int totalBill = 0;
```

```
        System.out.println("==== ONLINE FOOD ORDERING  
MANAGEMENT SYSTEM ====");
```

```
        // User Login
```

```
        login.userLogin();
```

```
        // Ordering Process
```

```
        while (true) {
```

```
            menu.showMenu();
```

```
            System.out.print("Enter your choice: ");
```

```
            choice = sc.nextInt();
```

```
if (choice == 5) {  
    break;  
}
```

```
if (choice >= 1 && choice <= 4) {  
    System.out.print("Enter quantity: ");  
    qty = sc.nextInt();  
    totalBill = totalBill + (menu.prices[choice - 1] * qty);  
} else {  
    System.out.println("Invalid choice! Try again.");  
}  
}
```

```
// Final Bill  
System.out.println("\n----- BILL DETAILS -----");  
System.out.println("Customer Name: " + login.username);  
System.out.println("Total Amount: Rs." + totalBill);  
System.out.println("Thank you! Visit Again 😊");  
}  
}
```

## OUTPUT :

```
C:\Users\vivobook\OneDrive\Desktop\VTP4916>javac Login.java
C:\Users\vivobook\OneDrive\Desktop\VTP4916>javac Menu.java
C:\Users\vivobook\OneDrive\Desktop\VTP4916>javac CafeMain.java
C:\Users\vivobook\OneDrive\Desktop\VTP4916>java CafeMain
===== ONLINE FOOD ORDERING MANAGEMENT SYSTEM =====
Enter Username: Varsha VS
Welcome, Varsha VS !

----- FOOD MENU -----
1. Coffee - Rs.50
2. Tea - Rs.30
3. Sandwich - Rs.80
4. Burger - Rs.100
5. Exit
Enter your choice: 4
Enter quantity: 2

----- FOOD MENU -----
1. Coffee - Rs.50
2. Tea - Rs.30
3. Sandwich - Rs.80
4. Burger - Rs.100
5. Exit
Enter your choice: 3
Enter quantity: 4

----- FOOD MENU -----
1. Coffee - Rs.50
2. Tea - Rs.30
3. Sandwich - Rs.80
4. Burger - Rs.100
5. Exit
Enter your choice: 1
Enter quantity: 3

----- FOOD MENU -----
1. Coffee - Rs.50
2. Tea - Rs.30
3. Sandwich - Rs.80
4. Burger - Rs.100
5. Exit
Enter your choice: 5

----- BILL DETAILS -----
Customer Name: Varsha VS
Total Amount: Rs.670
Thank you! Visit Again ?
```