

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 ?
```