Switch Case Practice Tasks (Set 2)

1. Traffic Light System

Description: Input the color of a traffic light and display what action the driver should take.

Input: Enter light color (1.Red 2.Yellow 3.Green): 2

Output: Yellow → Wait

2. Currency Converter

Description: Convert amount from INR to another currency.

Input: Enter amount in INR: 1000
Enter choice: 1

Output: 1000 INR = 12.0 USD

3. Shape Area Calculator

Description: Display menu for shapes and calculate area based on choice.

Input: Enter your choice: 4
Enter side: 6

Output: Area of Square = 36.00

4. Temperature Converter

Description: Convert temperature between Celsius, Fahrenheit, and Kelvin.

Input: Enter your choice: 1
Enter temperature: 40

Output: 40°C = 104°F

5. Vowel or Consonant

Description: Input a character and check whether it's a vowel or consonant.

Input: Enter a character: e
Output: 'e' is a Vowel

6. Interest Calculator

Description: Calculate Simple or Compound Interest based on user choice.

Input: Enter choice: 1
Enter Principal: 10000
Enter Rate: 5
Enter Time: 2

Output: Simple Interest = 1000.00

7. Discount Finder

Description: Display product categories and show discount percentage.

Input: Enter product type: 2

Output: Clothing → 20% Discount

8. Online Food Ordering System

Description: Display menu categories and print selected item price.

Input: Enter your order: 3

Output: You ordered Sandwich – ₹100

9. Student Attendance Status

Description: Check attendance percentage and display performance message.

Input: Enter attendance percentage: 82

Output: Good Attendance

10. Bank Loan Type Info

Description: Display loan types and print their interest rates.

Input: Enter loan type: 3

Output: Education Loan – Interest Rate: 7.5%