**Switch Case Assignment :**

* **Problem 1: Day of the Week**

**Statement:**  
Take a number (1–7) from the user and print the corresponding day of the week using a switch statement.

**Example Input:** 3  
**Output:** Wednesday

#### ****Problem 2: Grade Evaluation****

**Statement:**  
Take a character grade as input (A, B, C, D, F) and print the feedback.

* A → Excellent
* B → Good
* C → Average
* D → Poor
* F → Fail

Use switch to handle this.

#### ****Problem 3: Simple Calculator****

**Statement:**  
Ask the user to input two numbers and an operator (+, -, \*, /, %).  
Use switch to perform the corresponding operation and display the result.

#### ****Problem 4: Traffic Signal****

**Statement:**  
Take the color of a traffic signal as input (red, yellow, green) and display what action a driver should take.

#### ****Problem 5: Month Days****

**Statement:**  
Ask the user to enter a number (1 to 12) representing the month and print the number of days in that month using switch.

**Example:**  
Input: 2  
Output: 28 or 29 days

#### ****Problem 6: Vowel or Consonant****

**Statement:**  
Ask the user to input a lowercase alphabet character and determine whether it is a **vowel** or a **consonant** using a switch case.

#### ****Problem 7: ATM Operation Menu****

**Statement:**  
Show a menu to the user with options:

1. Check Balance
2. Withdraw
3. Deposit
4. Exit

Ask the user for a choice and display a corresponding message using switch.

#### ****Problem 8: E-commerce Discount System****

**Statement:**  
Input a **membership level** (gold, silver, bronze, none) and print the discount percentage:

* gold → 30%
* silver → 20%
* bronze → 10%
* none → 0%

#### ****Problem 9: Currency Converter****

**Statement:**  
Create a program to convert an amount in INR to other currencies (USD, EUR, GBP, JPY) based on user input using a switch.

#### ****Problem 10: Hotel Menu Billing System****

**Statement:**  
Display a menu with item numbers (1 to 5), each mapped to a different dish with prices.  
Ask the user to select an item number and quantity.  
Use switch to calculate and display the total bill.