Tasks: Conditional Statements

1) Write a program that takes a number as input and checks if the number is positive, negative, or zero. Use if-else statements.

Enter a number: -3

O/p : The number is negative.

1. Even or Odd

Task : Take an integer as input and check if it is even or odd.

2. Age Check

Task : Ask the user for their age. If the user is 18 or older, print “You are eligible to vote.” Otherwise, print “You are not eligible to vote.”

3. Largest of Two Numbers

Task : Take two numbers as input and print which one is greater, or if they are equal.

4. Grading System

Task : Input a student’s mark(0 - 100), and print the grade:

A: 90–100

B: 80–89

C: 70–79

D: 60–69

F: below 60

5. Leap Year Checker

Task : Input a year and check if it’s a leap year.

Task : 1 -> Input: Marks out of 100

If marks >= 90: Grade A

Else if marks >= 75: Grade B

Else if marks >= 60: Grade C

Else if marks >= 40: Grade D

Else: Fail

Task : 2 -> Input: Any integer

If number > 0

If number is even → "Positive Even"

Else → "Positive Odd"

Else if number < 0

If number is even → "Negative Even"

Else → "Negative Odd"

Else → "Zero"

Task : 3 -> Simple Login System

Input: Username and Password

If username is correct

If password is correct → "Login Successful"

Else → "Wrong Password"

Else → "Username not found"

Task : 4 -> Find maximum and minimum number from three integer number(Take input from user)

Day of the Week

Input: Number(1–7)

Output: Corresponding weekday name(e.g., 1 = Monday)

Simple Calculator

Input: Two numbers and an operator(+, -, \*, /,%)

Output: Result of the operation using switch case on the operator

Month Name

Input: Number(1–12)

Output: Name of the month(e.g., 1 = January)

Grade Descriptor

Input: Grade letter(A, B, C, D, F)

Output: Description(e.g., A = Excellent)

Traffic Light Signal

Input: Color (red, yellow, green)

Output: Action(e.g., "Stop", "Wait", "Go")

Menu - Driven Program

Input: Choice from a menu(e.g., 1 = Add, 2 = Subtract, etc.)

Output: Perform selected operation