ASSIGNMENT 2
CONDITIONAL STATEMENTS

NOTE:

- **No need to submit anywhere, just keep track of all the Code you made in a specific folder like in VS Code**
- **Compare your solution with the solution I'll provide, in case of doubts, kindly reach out to me after the session**

Q1. Ask a number from user. Print **Even** or **Odd.**

Example:
Enter a number = 6

EVEN

Q2. Ask a number from user. Print **Positive, Negative or Zero.**

Example 1:
Enter a number = 6
Output:
Positive

Example 2:
Enter a number = 0
Output:
Zero

Example 3:
Enter a number = -9
Output:
Negative

Q3. Ask a number from user. Print **Yes** if the number is divisible by 2,3 and 5.

Example 1:
Enter a number = 30

Output:
Yes

Example 2:
Enter a number = 6
Output:
No

Q4. Write a Python program that accepts an integer number from the user and classifies it as:

- Positive and Even
- Positive and Odd
- Negative and Even
- Negative and Odd
- Zero

Input: An integer (e.g., -4)
Output: Negative and Even

Q5. Write a Python program that accepts a student's marks in three subjects and prints the grade based on the following conditions:

- Marks > 90: Grade A
- 80 < Marks <= 90: Grade B
- 70 < Marks <= 80: Grade C
- 60 < Marks <= 70: Grade D
- Marks <= 60: Fail

Input: Three integer marks (e.g., 85, 92, 78)
Output: Grade B

Q6. Write a program to find the maximum and minimum of three numbers entered by the user using if-else statements.

Input: Three integers (e.g., 3, 9, 5)
Output: Max is 9 and Min is 3

Q7. Write a Python program that calculates the BMI and classifies it based on the following conditions:

- BMI < 18.5: Underweight
- 18.5 <= BMI < 24.9: Normal weight

- 25 <= BMI < 29.9: Overweight
- BMI >= 30: Obesity

BMI is calculated as weight(kg) / height(m)^2

Input: Weight in kg and Height in meters (e.g., 70, 1.75)
Output: Normal weight

Q8. Write a Python program to determine if a student is eligible for college admission based on the following criteria:

- Minimum score in Math: 70
- Minimum score in Science: 65
- Minimum score in English: 60
- Total score across all subjects: 200

Input: Three scores (e.g., 75, 70, 65)
Output: Eligible for Admission