

## **Week 1 Day 5: Practical Session**

### **Exercise#1: if-elif-else statements**

#### **Task 1: Age Classification**

1. Write a program that asks the user for their age.
2. Based on the input, classify the person as:
  - o "Child" (age < 13)
  - o "Teen" (13 <= age < 18)
  - o "Adult" (age >= 18)

#### **Task 2: Even or Odd**

1. Ask the user for a number.
2. Write a program that determines if the number is even or odd.

### **Exercise#2: Loops**

#### **Task 1: For Loop to Print Numbers**

1. Use a for loop to print the numbers from 1 to 10.

#### **Task 2: Sum of Numbers Using While Loop**

1. Write a program using a while loop to calculate the sum of numbers from 1 to 5.

### **Exercise#3: Functions**

1. Write a Python program that defines a function to check whether a given number is prime.
2. Test the function with numbers between 1 and 100. For a prime number, the function should return True, and for non-prime numbers, it should return False.