

# Programming with C#

## Assignment#1

### Task # 01

Write a C# program that calculates the average of three numbers entered by the user. Display the average on the console.

### Task # 02

Write a C# program that takes an integer as input from the user and checks if it is positive, negative, or zero. Display an appropriate message based on the input.

### Task # 03

Write a C# program that asks the user to enter two numbers. Compare the two numbers and display the larger number on the console.

### Task # 04

Write a C# program that uses a for loop to calculate and display the sum of all even numbers between 1 and 100 (inclusive).

Instructions:

1. Declare a variable sum and initialize it to 0. This variable will store the sum of even numbers.
2. Set up a for loop that iterates from 1 to 100.
3. Inside the for loop, use an if statement to check if the current number is even. If it is, add it to the sum variable.
4. Hint: Use the modulus operator % to determine if a number is even (i.e., if number % 2 == 0).
5. After the for loop ends, display the value of sum on the console.

Hint: You can use the Console.WriteLine() method to display the final sum on the console.