Lab Exercise -5

1. Print Numbers from 1 to 10

Write a Python program to print numbers from 1 to 10 using a while loop.

2. Print Numbers from 10 to 1 (Descending Order)

Write a Python program to print numbers from 10 to 1 using a while loop.

3. Sum of First N Natural Numbers

Write a program to find the sum of the first N natural numbers using a while loop. (Example: If N=5, output should be 1+2+3+4+5=15).

4. Print Even Numbers from 1 to 20

Write a program to print all even numbers from 1 to 20 using a while loop.

5. Multiplication Table

Write a Python program that prints the multiplication table of a given number using a while loop.

6. Reverse a Number

Write a program to reverse a given number using a while loop. (Example: Input 1234, Output 4321).

7. Count Digits in a Number

Write a Python program to count the number of digits in a given number using a while loop.

8. Find Factorial of a Number

Write a program to calculate the factorial of a number using a while loop.

9. Find the Sum of Digits of a Number

Write a Python program to find the sum of digits of a given number using a while loop. (Example: Input 123, Output 1+2+3=6).

10. Guess the Number Game

Write a simple number guessing game where the user has to guess a number between 1 and 100. The program should keep asking until the correct number is guessed using a while loop.