

Course Code: CSE 2204

Course Title: Numerical methods Lab

Session: Summer 25(1st Assessment)

1. **Sum of First N Natural Numbers**

Problem: Input a number n, and find the sum of numbers from 1 to n.

2. **Print Even Numbers from 1 to 20**

Problem: Print all even numbers between 1 and 20.

3. **Count Down from 10 to 1**

Problem: Use a loop to print numbers from 10 to 1.

4. **Check if a number is prime** using a loop.

Write a Python program that checks whether a given number is **prime**.

A prime number is a number greater than 1 that has no divisors other than 1 and itself.

Write a Python program that checks whether a given number is **prime**.

A prime number is a number greater than 1 that has no divisors other than 1 and itself.

The program should:

- Take an integer input from the user.
- Use a loop to check if the number has any divisors other than 1 and itself.
- Print "Prime" if it is prime, otherwise print "Not Prime".

5. **Simple Calculator**

Problem:

Take two numbers and an operator (+, -, *, /) from the user. Perform the operation using conditional statements and print the result.