

Programming Assignment #2
Discrete Structures (CSC160)

“Programming with integers is like composing a symphony, each line of code a note, each loop a melody, and the compiler the conductor ensuring harmony.”

1. Implement euclidean algorithm in any high level language.
2. Implement extended euclidean algorithms in any high level language.
3. Write a program to test a given number is prime or not.
4. Implement binary integer addition, multiplication and division in python using the concept of functions.

Submission:

Deadline: 15/05/2080

Students must submit the lab/assignment within the deadline one soft copy via course page and hard copy if needed during External VIVA examination.

Please find the lab report formate in the course page.