



The Institution of Engineers,
NITK Chapter

SMP Cryptography 2020

Assignment 0

Complete the following questions preferably in python or in any other language

- 1) Write a program to check if two strings are anagram without comparing two strings directly, frequency of characters and sorting or any built in functions? (Try to think out of the box)
- 2) Write a program to find the number of factors of a number N (Try to write efficient code i.e try to reduce time complexity as much as possible)

The purpose of this assignment is to be familiar with the type of algorithms you will be using during the SMP.

The Deadline for the Assignment is Thursday (16-4-20)