

Dept. of Electronics and Communication Engineering, TKMCE Kollam

Scientific Computing Lab Aug-Dec 2020

Lab 1: Familiarization of the Computing Tool

Experiment:

1. Write a program to compute the first 'N' Fibonacci numbers. Execute the program and upload the results.
2. Write a program to compute the factorial of an integer. Execute the program and upload the results.
3. Write a function to compute the sum of 'N' complex numbers. Execute the program and upload the results.

Reports:

Preliminary Lab report:

1. Write a short note on different data types used in python and their usage?
2. Write the syntax of while, for, if statements in python? Demonstrate their usage through a sample program.
3. Write the algorithm/ flowchart for the experiments listed in preceding section

Final Lab Report:

In addition to the Pre-lab report, document the code, comment each line and clearly report the results of each program (wherever applicable).