Sohag University
Faculty of Engineering
Electrical Engineering Department

Programming Languages
1st Year
2020

LAB 0

Problem1
Write a program to compute the total and average of four numbers entered by the user.

Problem2
Update the program in problem1 to compute the summation and average of n numbers determined by the user.

Problem3
Write a program that take 3 float numbers and return the largest one.

Problem4
Write a program that determines a student's grade. The program will read three types of scores (quiz, mid-term, and final scores) and determine the grade based on the following rules:

       -if the average score = 90% (grade=A)
       -if the average score >= 70% and <90% (grade=B)
       -if the average score >= 50% and <70% (grade=C)
       -if the average score < 50% (grade=F)

Problem5
Write a program that takes a positive integer, print 'T' if it is a prime and print 'F' otherwise. (Notice: A positive integer n is said to be "a prime number" if and only if n is greater than 1 and is divisible only by 1 and n.)

Problem6
Write a program to raise any number X to power N.
(Note: without using pow() function)