

Subject: PRF192- PFC
Workshop 01
Name: Your_name_here
Student ID: Your_student_ID

Objectives:

- (1) Practicing skills at analyzing and implementing programs using user-defined functions.
- (2) Making familiar with function design, input and output of a function

Submission:

Please submit your work including a report and source code.

The report **MUST** be a pdf file. Name of the file should contain your name and your student ID, such as Workshop1_yourName_yourStudentID.pdf

The report must contain the pictures of all the test cases that you have done to test your programs

Name of the file containing source code is Workshop2_yourName_yourStudentID.c

Grading programs:

In this workshop you have to design 3 functions. Please write them inside 01 script only.

1. Write a function to check whether a number is prime. Then using this function to support printing out on screen the sequence of the primes from 2 to n where n is inputted from keyboard. so nguyen to

Please test your program where walkthrough should be done along the lines of code.

2. Write a function to calculate

$$\frac{1}{0!} + \frac{1}{1!} + \frac{1}{2!} + \cdots + \frac{1}{n!}$$

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where n is inputted from keyboard.

Please test your program where walkthrough should be done along the lines of code.

3. Write a function to check whether a triangle is Equilateral. tam giac deu

Please test your program where walkthrough should be done along the lines of code.