

Faculty of Engineering, University of Jaffna

Department of Computer Engineering

EC2010: Computer Programming

Lab 07

Lecturer: Dr, J. Jananie Instructors:

1. First, create a CPPproject and name it Lab07-RegNo, replacing the term RegNo with your RegNo.
2. Starting at the topmost line of the file, insert the following minimally required documentation, filling in your name, Reg_No, the assignment number, due date and a brief description of what the program will do. You must select one of the two forms of certification of Authenticity. Submissions not including a certification of authenticity will not be graded.

// Your Name

// Your RegNo

// EC2010

//Group: [Insert the number]

// Lab: [Insert the number]

// Program Description: [insert brief description here]

// Certificate of Authenticity: (choose one from below)

// I certify that the code in the method function main of this project
// is entirely my own work.

(or)

// I certify that the code in method function main of this project is

// entirely my own work, but I received assistance from [insert name/book/lecture slides].

// Follow this with a description of the type of assistance.

3. You need to find the factorial of a number. The program allows the user to enter a number (a positive integer). Create a function called find Factorial of that given number using pointer. Factorial of N is:

$$N! = N*(N-1) *(N-2) *.... 2*1$$

4. Write a C++ programme to calculate sum of first five triangular numbers using a function. This function accepts a pointer for the answer. Test it in main method.
5. Write a program that stores the following numbers in an array named rates: 6.25, 6.50, 6.8,7.2,7.35, 7.5, 7.65, 7.8, 8.2, 8.4, 8.6, 8.8, and 9.0. Display the values in the array by changing theaddress in a pointer called dispPt. Use a 'for' statement in your program.

Create a zip file in a format of Lab07-Regno-Coursecode including all your code folders and pdf answer sheets.

Upload the zip file on/before given deadline via team.

Any plagiarized work will be given 0 marks.