Lab 1

Objectives

The purpose of this lab is to help you become familiar with the development environment and to reinforce elementary C++ concepts.

   CodeLite will be the supported development environment and gnu compiler will be the required compiler. This compiler is native to Linux and there are versions available for Windows and Macs. Here are a few links to help you get started installing CodeLite and getting your first C++ program built and running:

1. https://downloads.codelite.org

2. http://codelite.org/LiteEditor/QuickStart

Exercise 1

Write a short program in C++ that will display the following information:
Name :
Phones:
Email:
Hometown:
High School(s): Previous colleges:
List college math/CS courses:
What, when, and where was your last math and cs course?

Exercise 2

Write a C++ program to accept a positive integer, N, as an input and display the sum of the first N integers as output. i.e. $1 + 2 + 3 + \ldots + N$

Exercise 3

Write a C++ Program to generate the following output using a loop structure(s). (Do not hard code the output values!)
8 6 4 2 0
6 4 2 0
4 2 0
2 0
0