

EECE 1080/ CS 1 - Summer 2019 – Laboratory 1

Getting Started with C++

Topics covered: IDE, Compiling, Debugging, and C++ Program Development Practice

Objective:

The objective of this assignment is to install your IDE, and practice using it. You will create several short programming assignments to create a basic understanding of C++.

Highlights:

- To receive full credit for this laboratory please sign the attendance sheet
- Make sure you have access to the zybook. See canopy for details on purchasing it.
- Log into github.uc.edu. Please let the TA/instructor know you were able to log into this service.
- Please access the laboratory assignment via the canopy/blackboard link. The descriptions for each problem are contained within the zybook assignment.
- Download and Install your IDE. This may take a long time so please go ahead and start this early.
 - For Windows the free software version of Qt Creator is what you need. The installer can be downloaded from www.qt.io please choose the open source version. You can download the online installer from this url:

http://qt.mirror.constant.com/archive/online_installers/3.0/qt-unified-windows-x86-3.0.6-online.exe

You do NOT need to create a Qt account when installing. Please use the dropdown arrows under the “Qt” menu and install mingw. You should install the latest 64-bit and/or 32-bit version of mingw. The 32-bit version is available under the “tools” menu.

- Or xcode from the Apple play store.
- While your IDE is downloading/installing perform parts a, b, and c of the assignment in zybook.
- Perform parts d, e, and f within your IDE and upload them to zybook for autograding.

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Grading:

All assignment sections will be autograded by the zybook autograding system. Each part should be worked on separately. You will need a separate project for each part of this assignment when working within your IDE.

Rubric:

Will be added shortly.