Computer Science Department
San Francisco State University
CSC 340
Spring 2016

Assignment 0 - Set Up Your Environment

Due Date
Wednesday, February 3, at midnight.

Overview
The purpose of this project is to set up your C++ development environment, and compile your first simple C++ program to demonstrate basic input and output.

Submission
See the submission guidelines posted on iLearn. For this assignment, no source code should be included in your submission (it is all provided for you). Your submission should contain a README.pdf file with the information outlined in the submission guidelines. For the example execution, please include a screenshot of a terminal window where you have run the following commands: `make, ls, ./driver`.

Requirements
1. Choose and install your development environment. A number of options exist! I will be using Xcode (Mac) or Sublime Text Editor with g++ for in class demos. Note that the submission guidelines are very strict when it comes to the files that you submit - make sure that you are not submitting additional files that have been added by your environment!
    1.1. Note: Windows users are at a disadvantage when it comes to using basic development tools. I recommend using a virtual machine like VirtualBox (https://www.virtualbox.org/wiki/Downloads) with a Linux system running, or using cygwin (although many students have encountered issues with cygwin). I know this is a pain to set up, but my experience has been that investing the time in setting up VirtualBox has paid off in the end!
2. ***(Optional)*** Install git on your development system. This will help you retrieve the files that I post for each of the assignments. Here's a great link with installation instructions: https://git-scm.com/book/en/v2/Getting-Started-Installing-Git.

Appendix A: Source Code
The source code for this assignment can be found at https://gist.github.com/jrob8577/df8c93252113129d7508. There are three ways to obtain these files:
1. If you have git installed, you can use `git clone` at a command prompt. This will create a folder named `df8c93252113129d7508` that will contain both files. I **highly recommend** this option - git is a very useful tool to understand, and as programming assignments get bigger, the other options will become more tedious!
2. You can use the Download ZIP option on the gist page.

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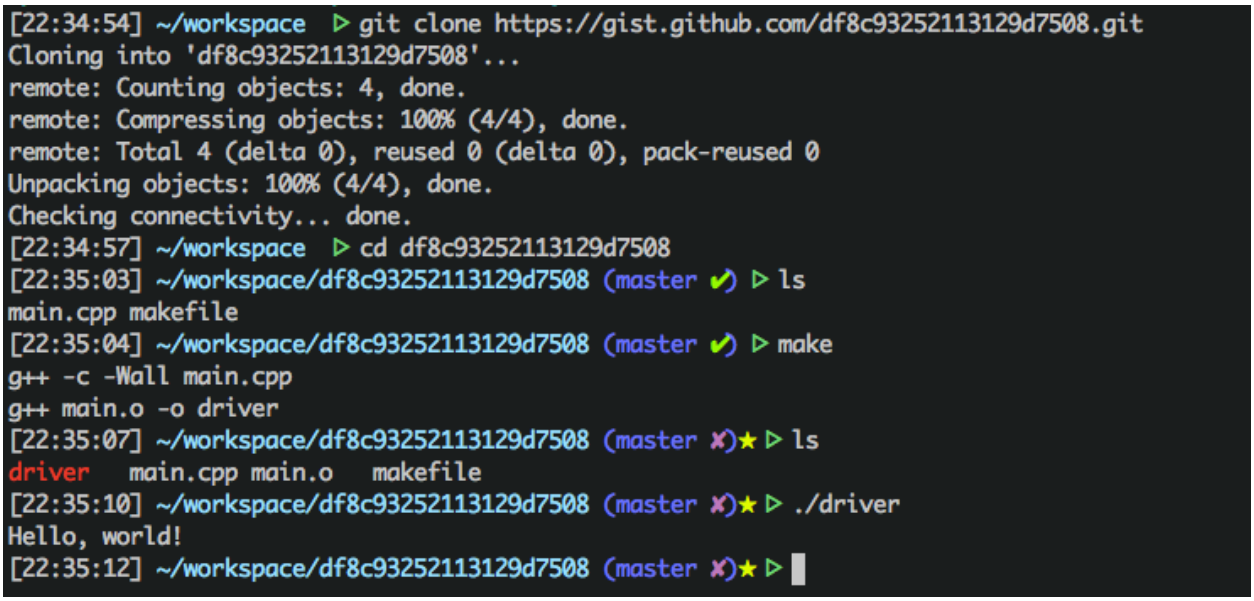
3. You can click the Raw button for each file, and copy and paste the content into a text file on your system.

Appendix B: Sample Submission

These are the commands specified in the submission requirements, above. Note that I included my use of git clone to obtain the source code.



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