

Notes on using Eclipse CDT to compile and execute C++ programs:

Eclipse in Adams 204:

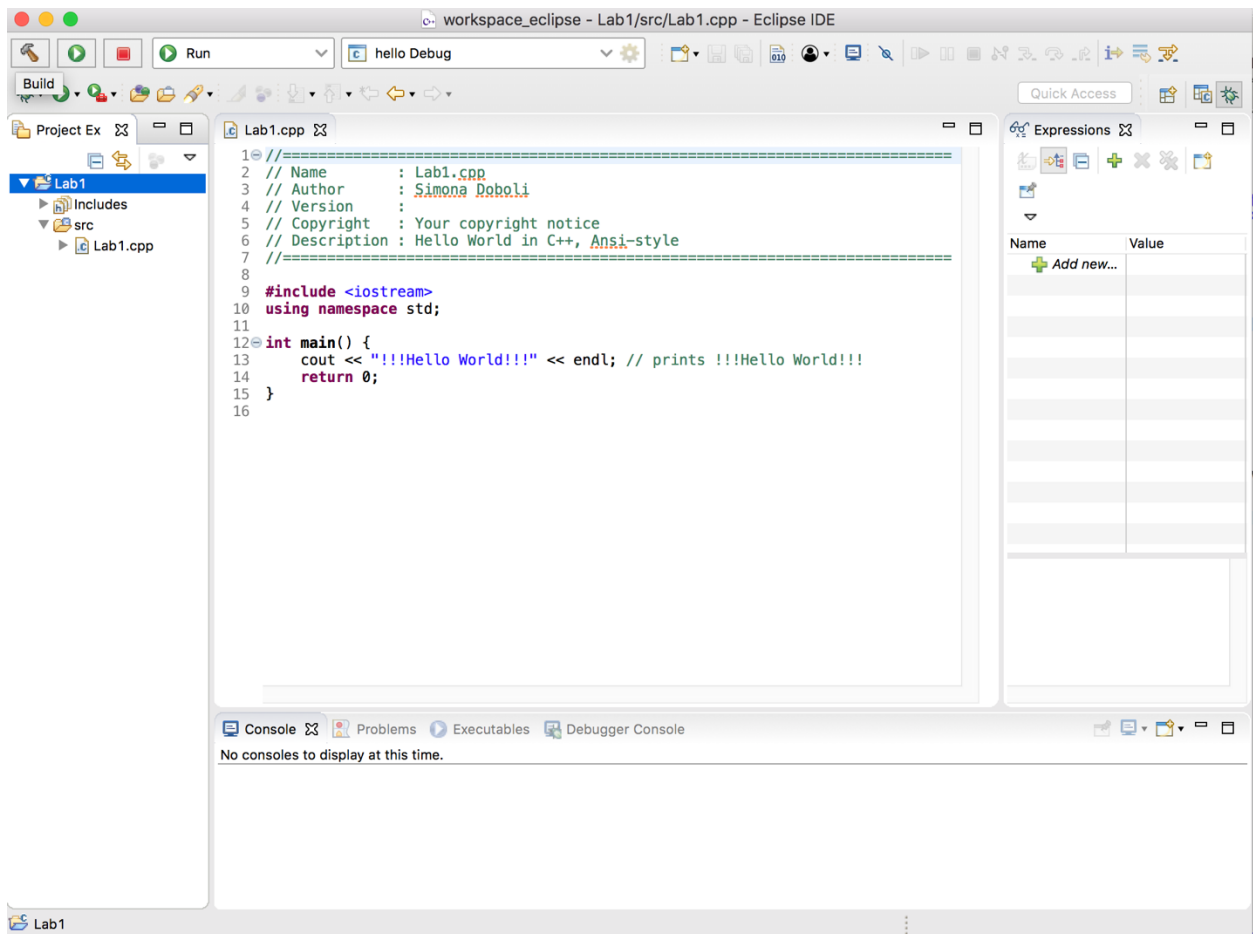
- Open Eclipse: Go to drop down menu → Applications → Programming → Eclipse
- Set up your workspace in your ~/CSC16/Lab1 directory → Click Launch
- Go to File/New/Project → Select C/C++ → Select C++ Project → Give your project the name Lab1 → Select Hello World C++ Project under Executables → Select GCC in the toolchains → Click Finish.

Double click on Lab1 folder on the left column. Double click on folder src. You will see the following screen:

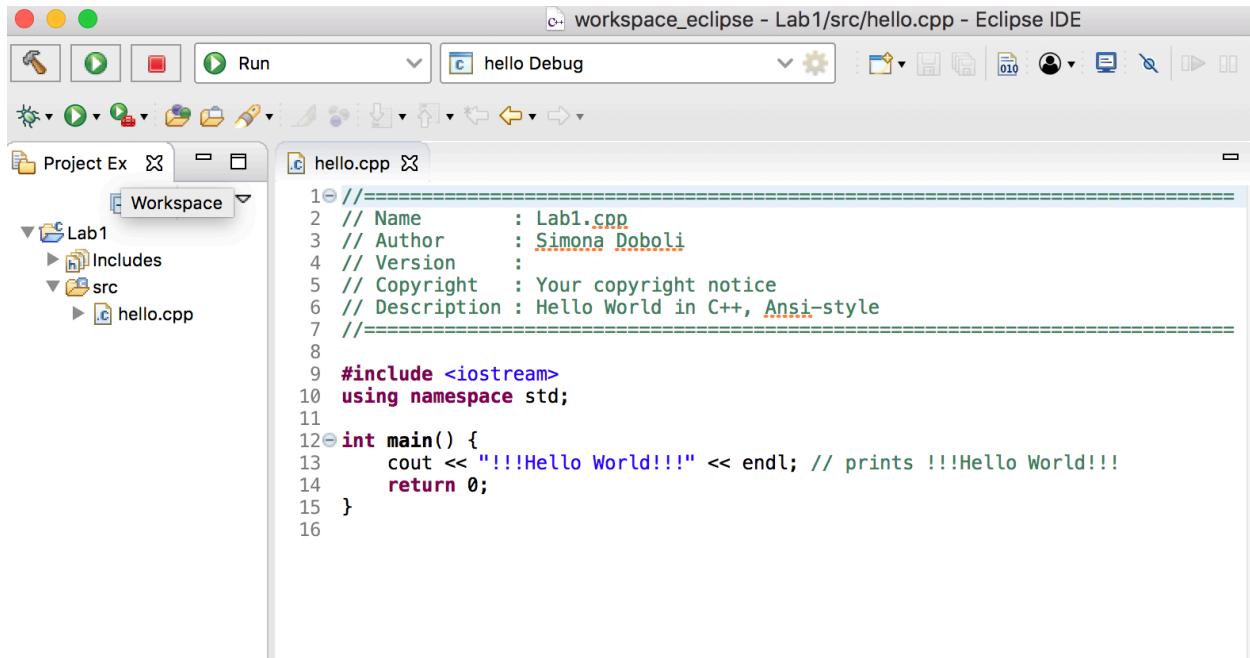
The middle window is your program code – in an editor.

The left window is your project information.

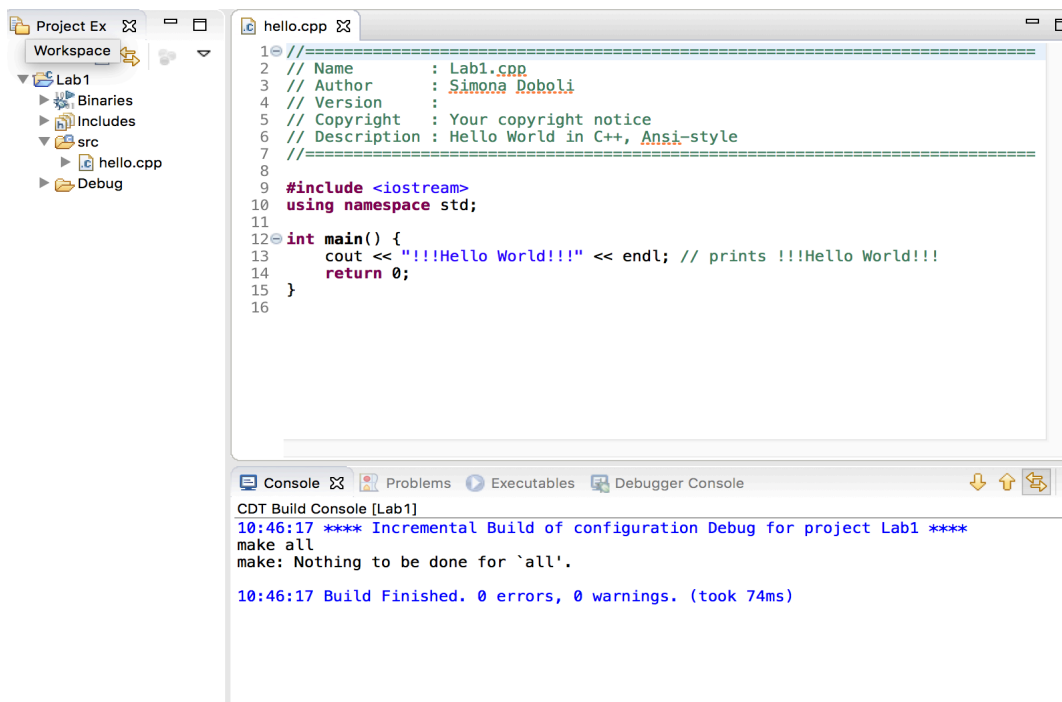
The bottom window is where compiling and program output will show.



Right click on Lab1.cc and rename it hello.cpp:



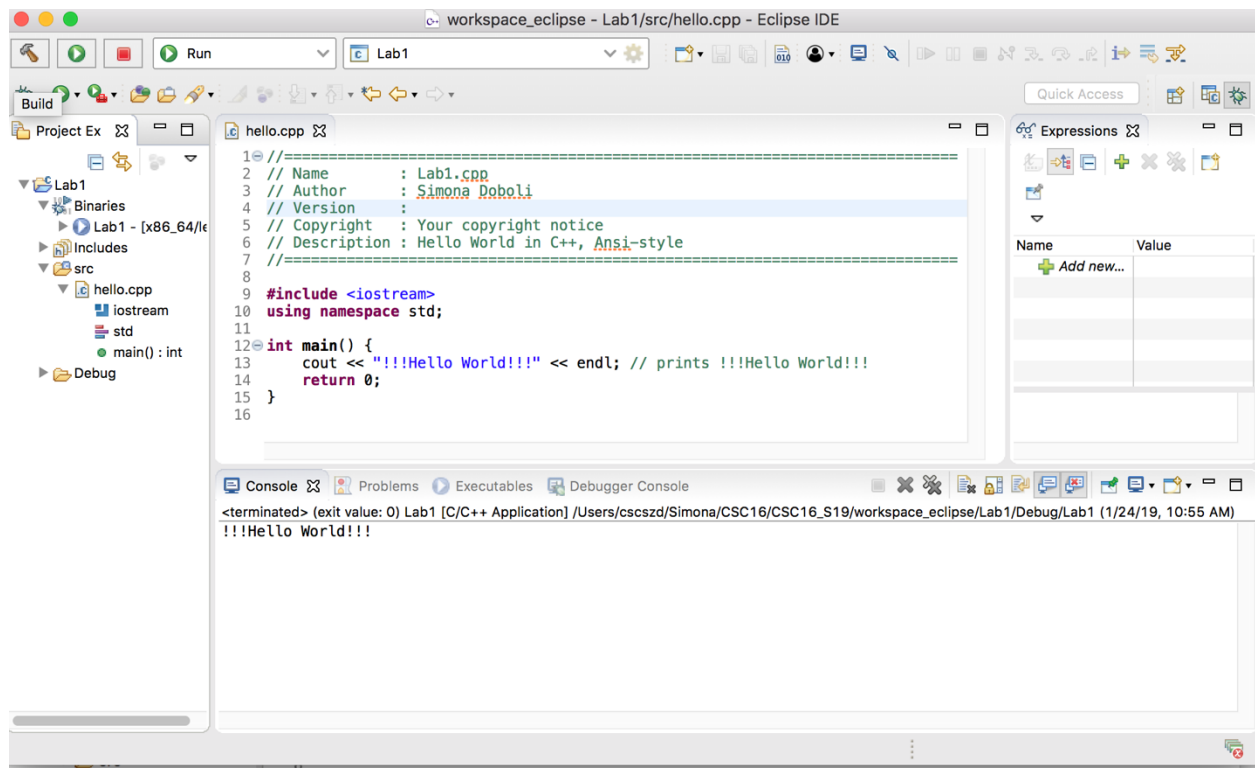
Compile your program: go to Menu → Project → Build All (or Build Project). You should see the output from the bottom window (see next Figure). If you see 0 errors and 0 warnings, then you know your program has compiled successfully.



Click on folder Binaries in the left window. You should see Lab1 [x86_64 ...]. That is your executable file (.exe) - machine code – that you can run or execute.

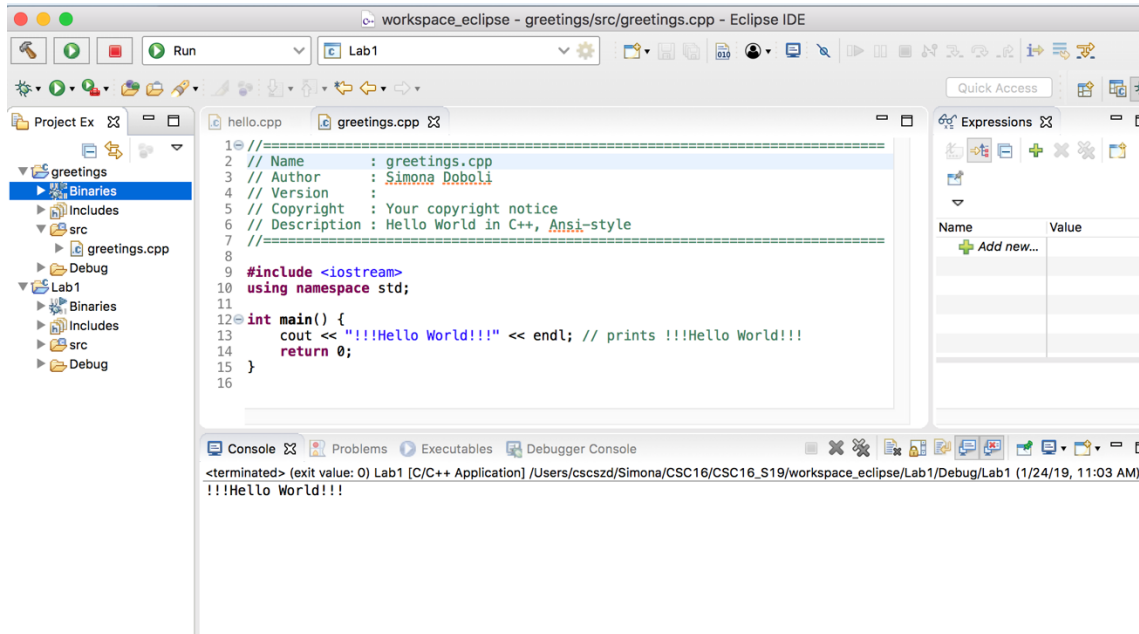


Run your program: Click on the green button on the upper left side of the project window. You should see the message !!!Hello World!!! in the bottom window.



To write/compile/run a new program:

Open a new Project in the same workspace (Lab1) called greetings by repeating previous steps. You will see the following window:



Now replace the automatically generated code (greetings.cpp) with the greetings.cpp code from Lab1 (see Lab 1 document) and continue with the Lab 1 steps.