Preparing your computer for C++ (For Windows)

1. You will need to install Atom.
    a. Go to www.atom.io and click on download.
    b. It may take a couple of minutes to install.
2. Once you have downloaded Atom we need to go to settings. Shortcut ctrl + ,
    a. Go to install
    b. Install linter 2.3.1 by steelbrain
    c. Install linter-gcc 0.9.0 by Atomlinter
        i. Change linter-gcc executable path to **C:\TDM-GCC-64\bin\gcc.exe**
    d. Install atom-terminal 0.8.0 by karan
3. Finally we need to install a c++ compiler.
    a. Go to https://jmeubank.github.io/tdm-gcc/download/
    b. Go to download
    c. Choose the Tdm64-gcc-9.2.0.exe.
    d. Follow the instructions
        i. Create
        ii. MinGW-w64/TDM64 (32-bit and 64-bit)
4. You may need to restart Atom for all these changes to work fully.
5. Finally you can start working through the lesson and hopefully everything will work correctly.

If we can't get this to work, we can try using an online editor, like http://cpp.sh/.

Preparing your computer for C++ (for a mac)

A. You will need to install Atom.
   a. Go to www.atom.io and click on download.
   b. It may take a couple of minutes to install.

B. Once you have downloaded Atom we need to go to settings. Shortcut CMD + ‘,’ ,
   c. Go to install
   d. Install linter 2.3.1 by steelbrain
   e. Install linter-gcc 0.9.0 by Atomlinter

C. Open up the Terminal by using the shortcut CMD + SPACE, type in “terminal” in the type box that pops up

D. type in “ xcode-select --install ” and hit enter. This does all the installation work for you but can take a couple minutes.

E. make a folder on your desktop and call it something C related “C++ folder” etc.

F. Save all your future C++ work on this to make your life easier

You will be using Atom to write your C++ files and make sure to always save them in your “C++ folder” on your desktop as a FILENAME.cpp file!!!

To run a file, right click the C++ folder and press “NEW terminal at folder”. Then you can run the command line code :)!!!!

If any errors are thrown up on the command line, open up a brand new terminal and put in the code “ `xcode-select --reset`