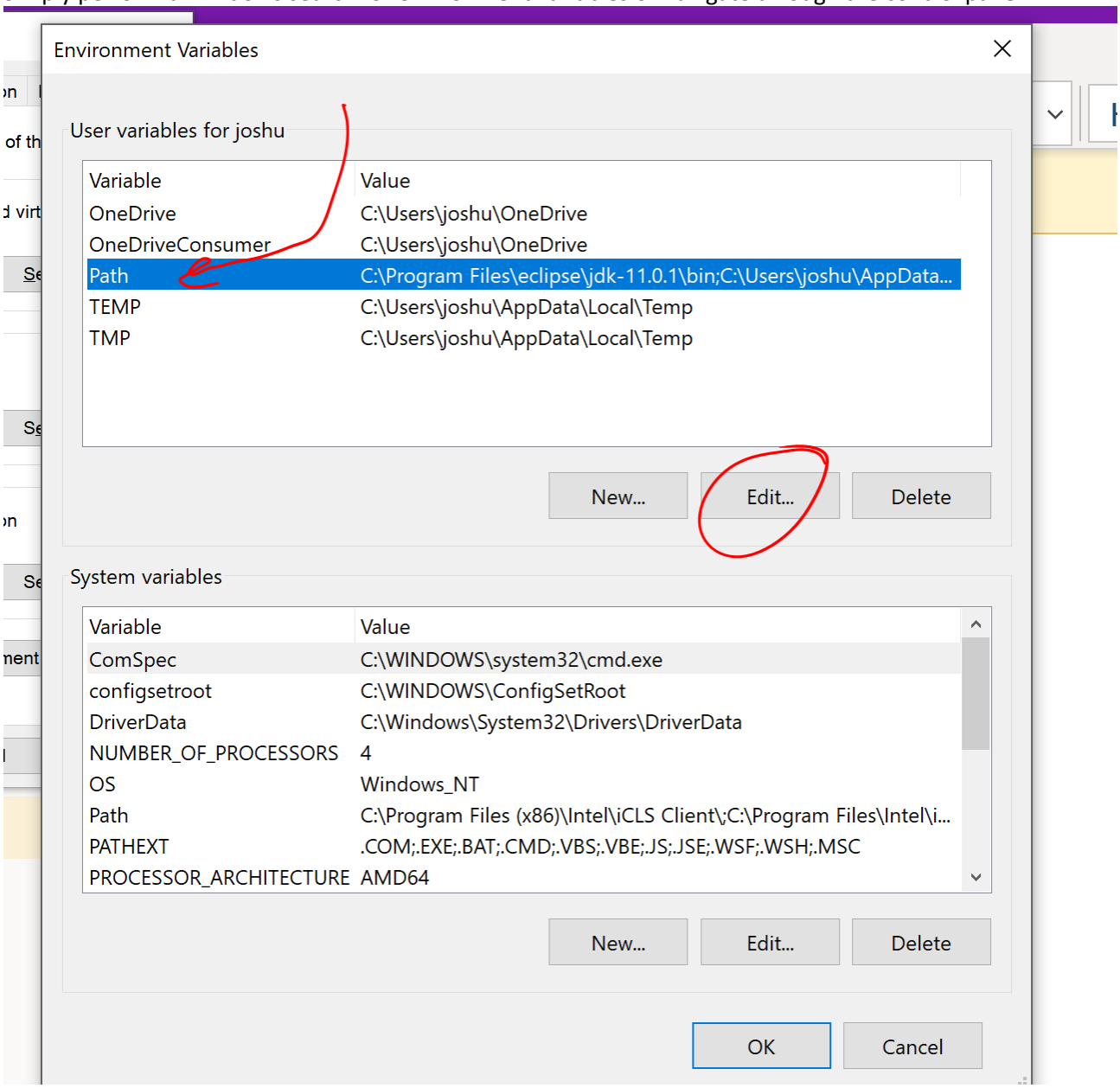
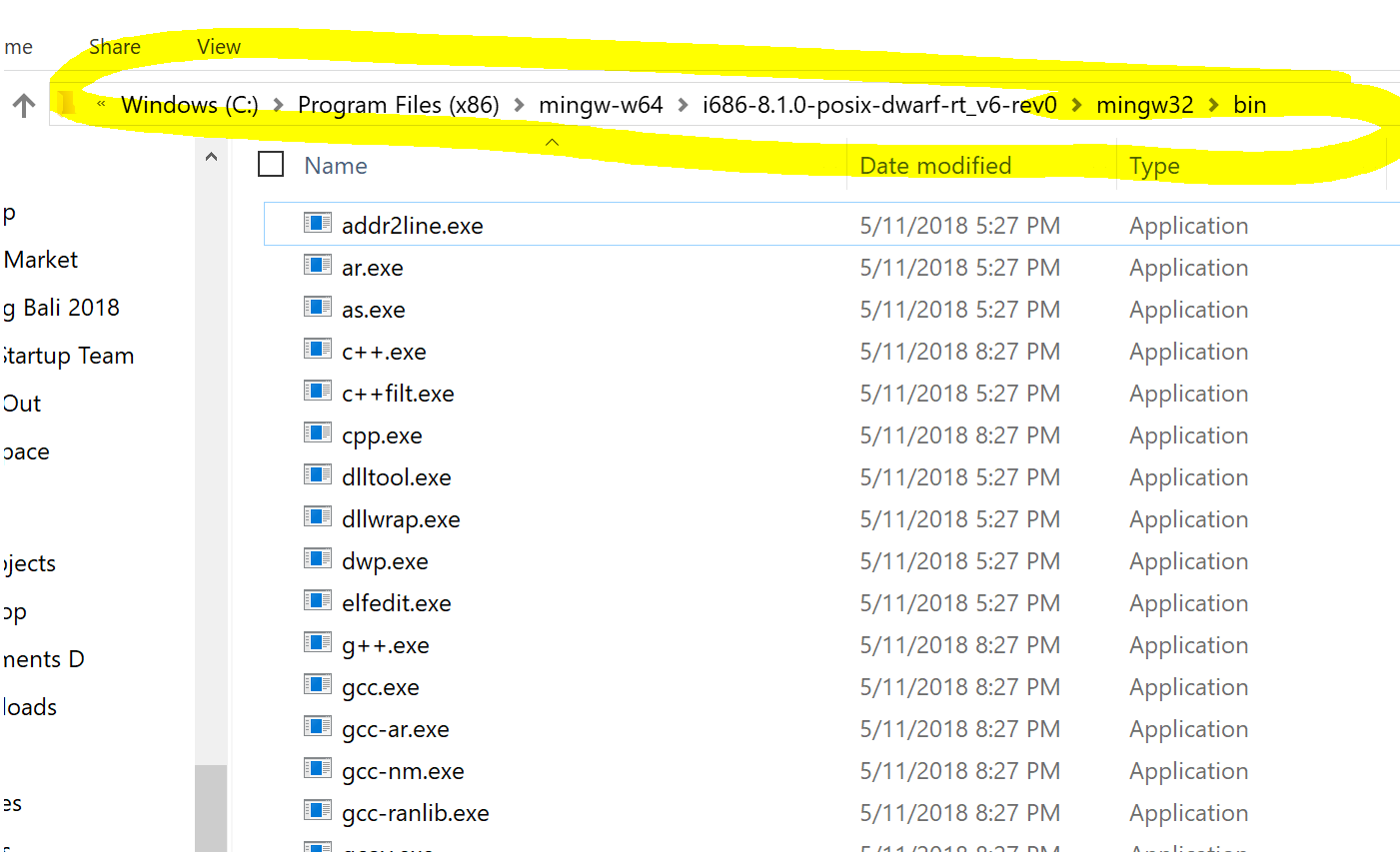
Set Up C++ With Visual Studio Code (VS Code) on Windows 10 mingw-w64 (Easiest)

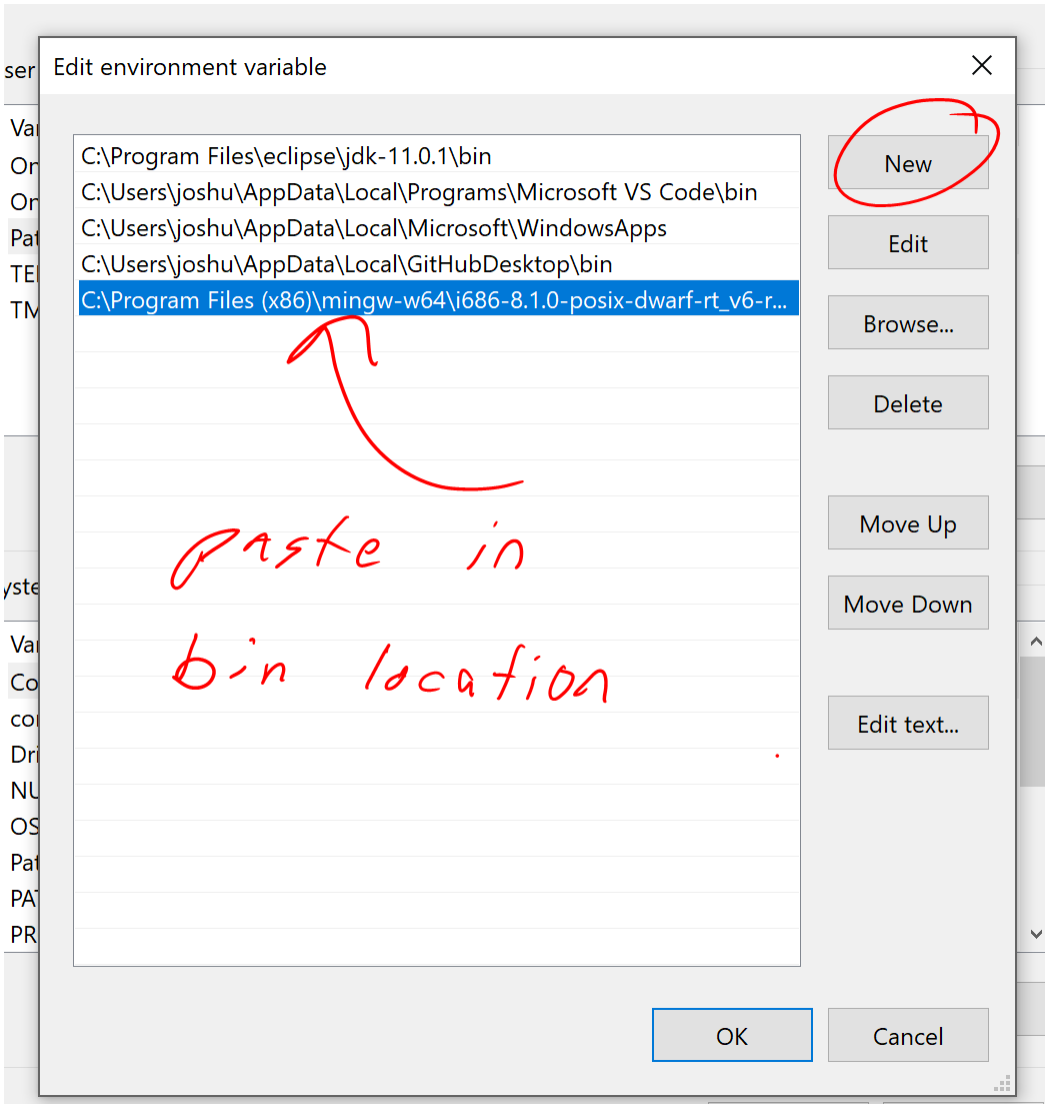
1. Download and install mingw-w64:
    1. Search for mingw-w64. I recommend installing from this link because it comes with a installation .ex:e https://sourceforge.net/projects/mingw-w64/
2. Update Environment Variables: add a new path environment variable to the newly installed mingw bin folder.
    1. Simply perform a Windows search for environment variables or navigate through the control panel.
    2. 

    3. Paste in bin location C:\Program Files (x86)\mingw-w64\i686-8.1.0-posix-dwarf-rt_v6-rev0\mingw32\bin

i.

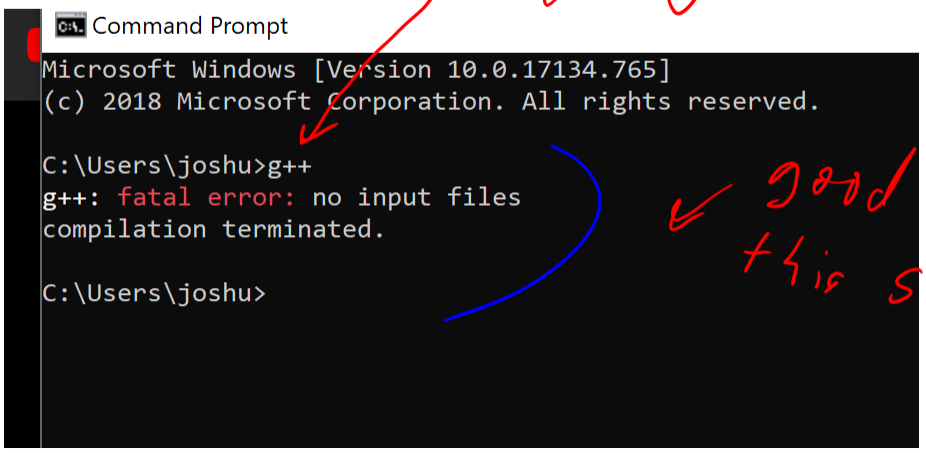


i.

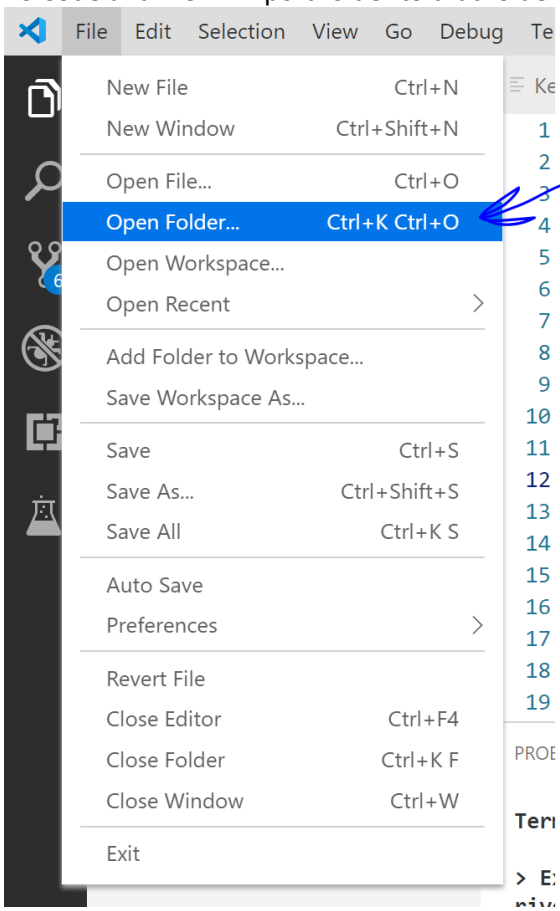


3. Check that mingw and environment variable update successful using command window: Cmd check

a.

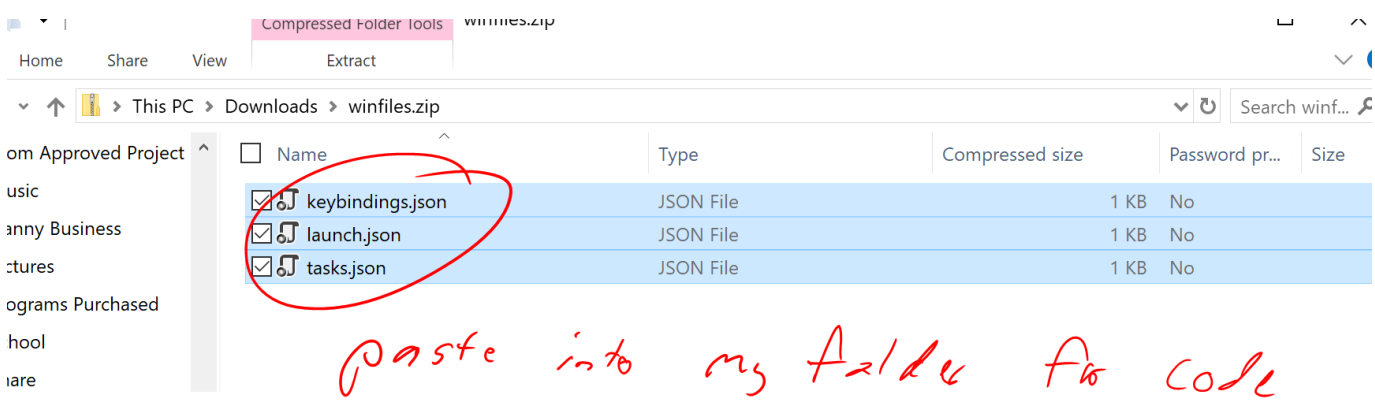


4. Create folder where all programs to be
   a. Open VS Code and file -> import folder to that folder
      i.

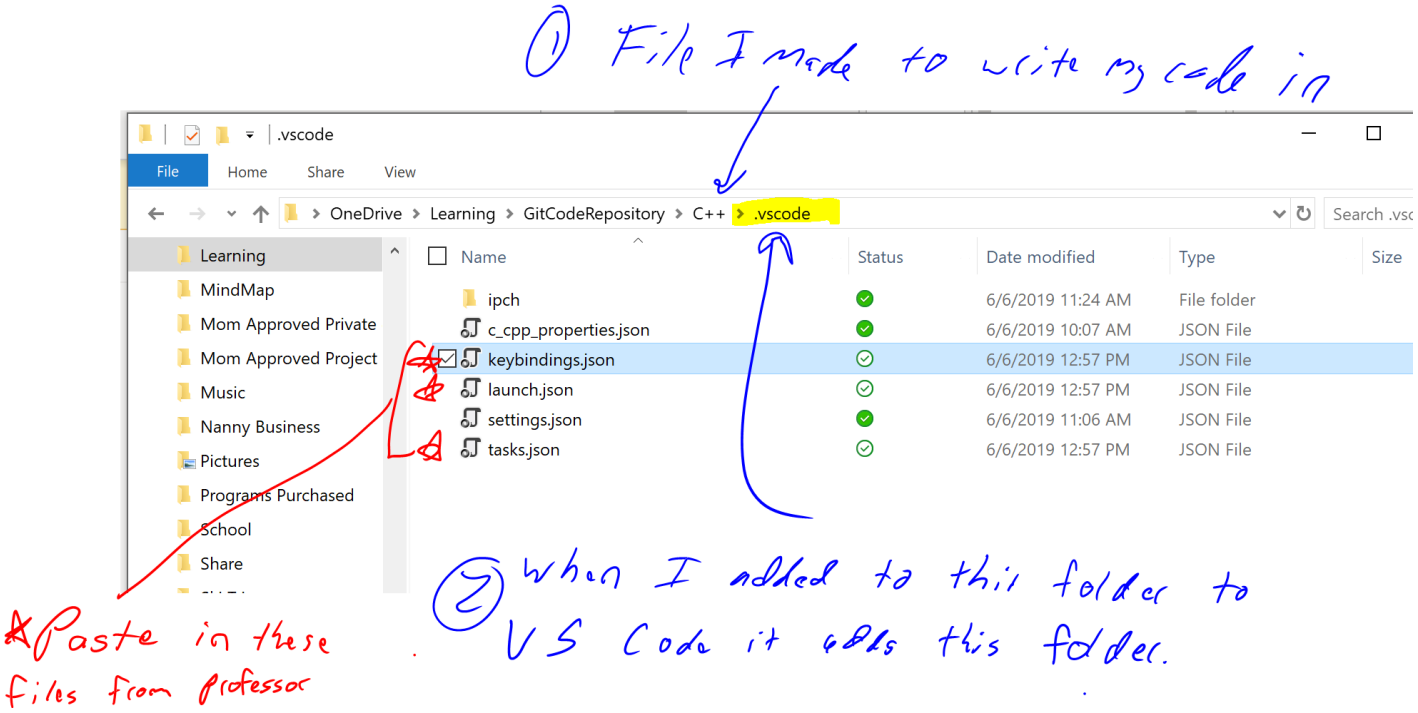


5. This creats the .vscode file
   a. Paste in the .json files
      i. <<winfiles.zip>>

ii.

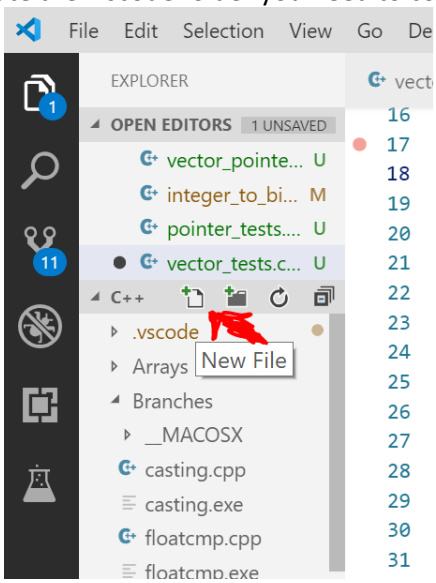


b.



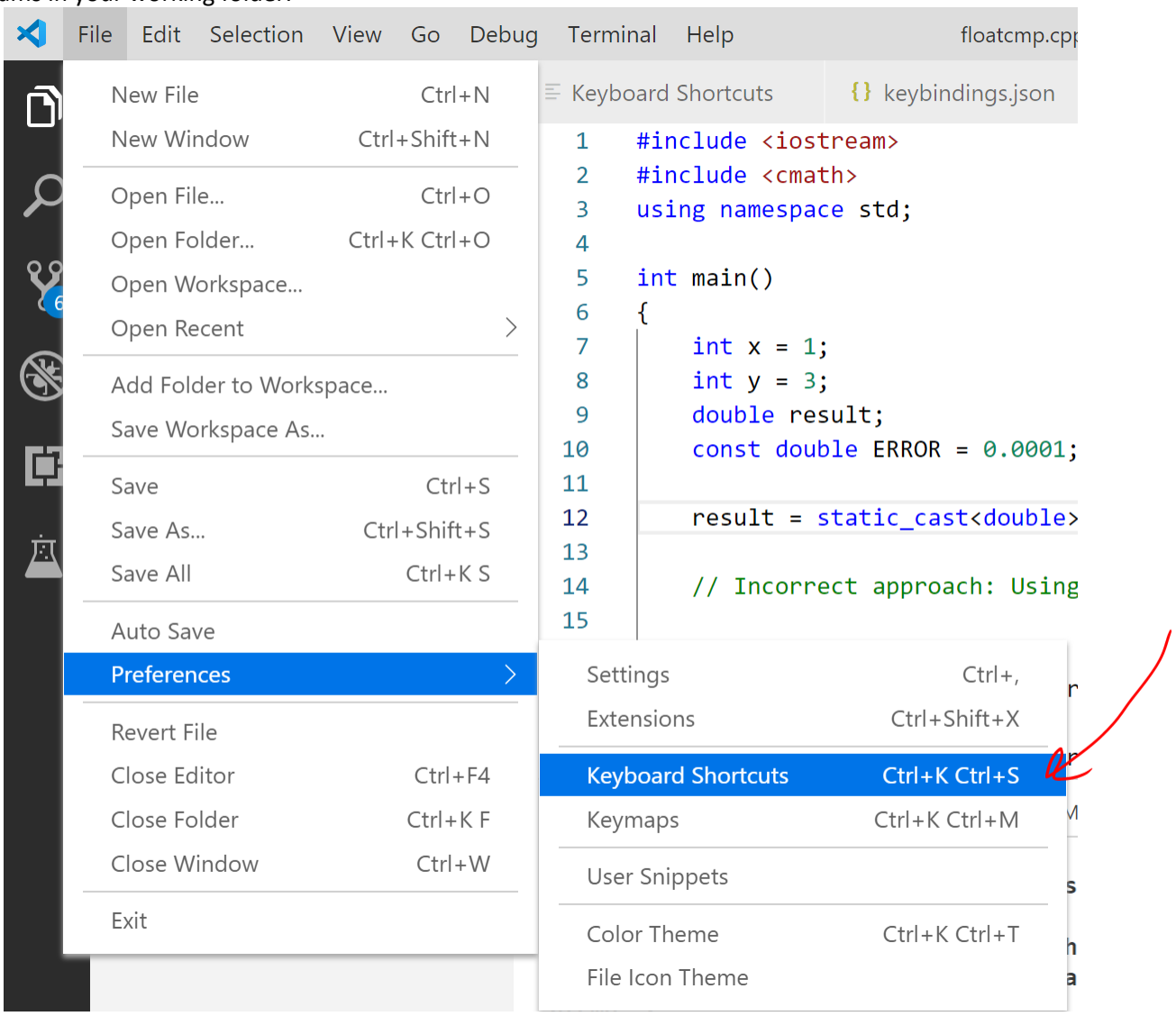
c. One additional step may be required if you do not see your .vscode folder at 11:50. At 11:50 after you import your desired folder into VS code, if a .vscode folder is not automatically created you need to create a .cpp file from VS code and save it to your working folder. The following are the steps. Within VS code on the left side file Explorer where you just imported your desired working folder click new file and name it main.cpp. Save the file (press Ctrl S) and this will create the .vscode folder you need to complete the instructions.

a.

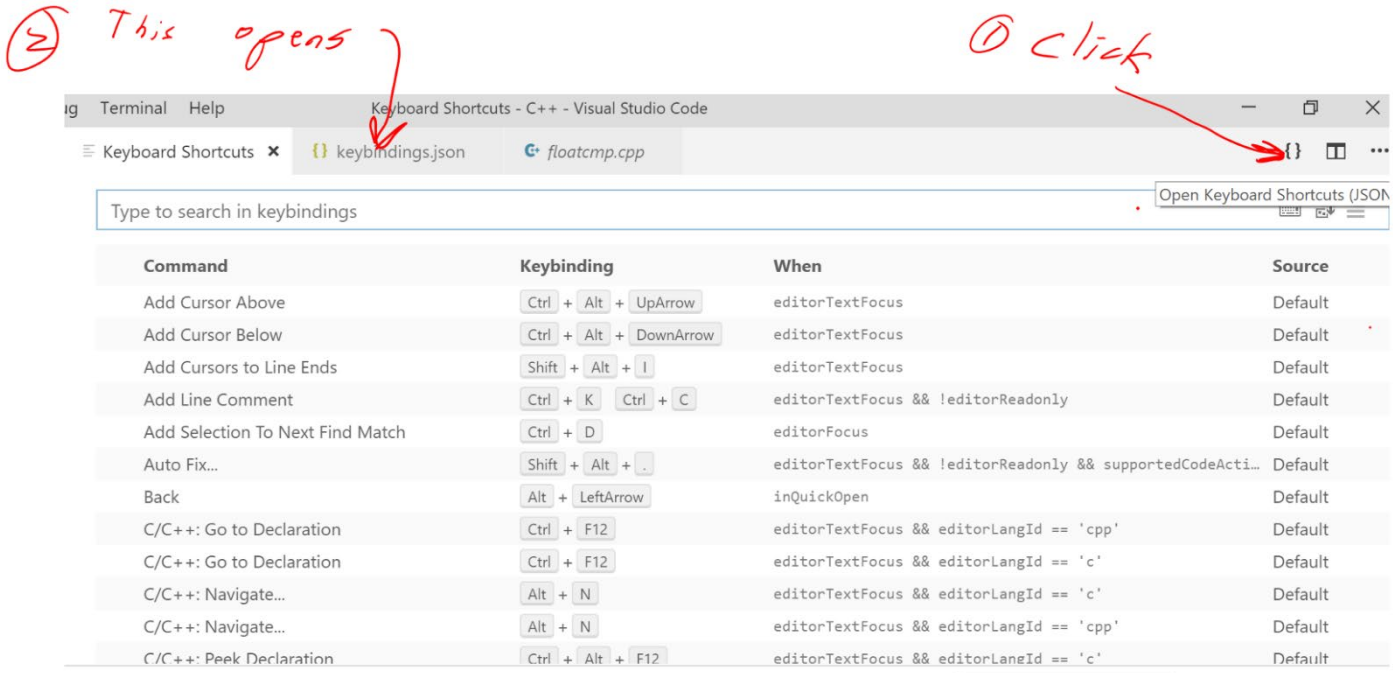


6. Add Keyboard shortcuts so Ctrl R compiles and runs the current program you have open and Ctrl Shft R compiles and runs all programs in your working folder.

a.

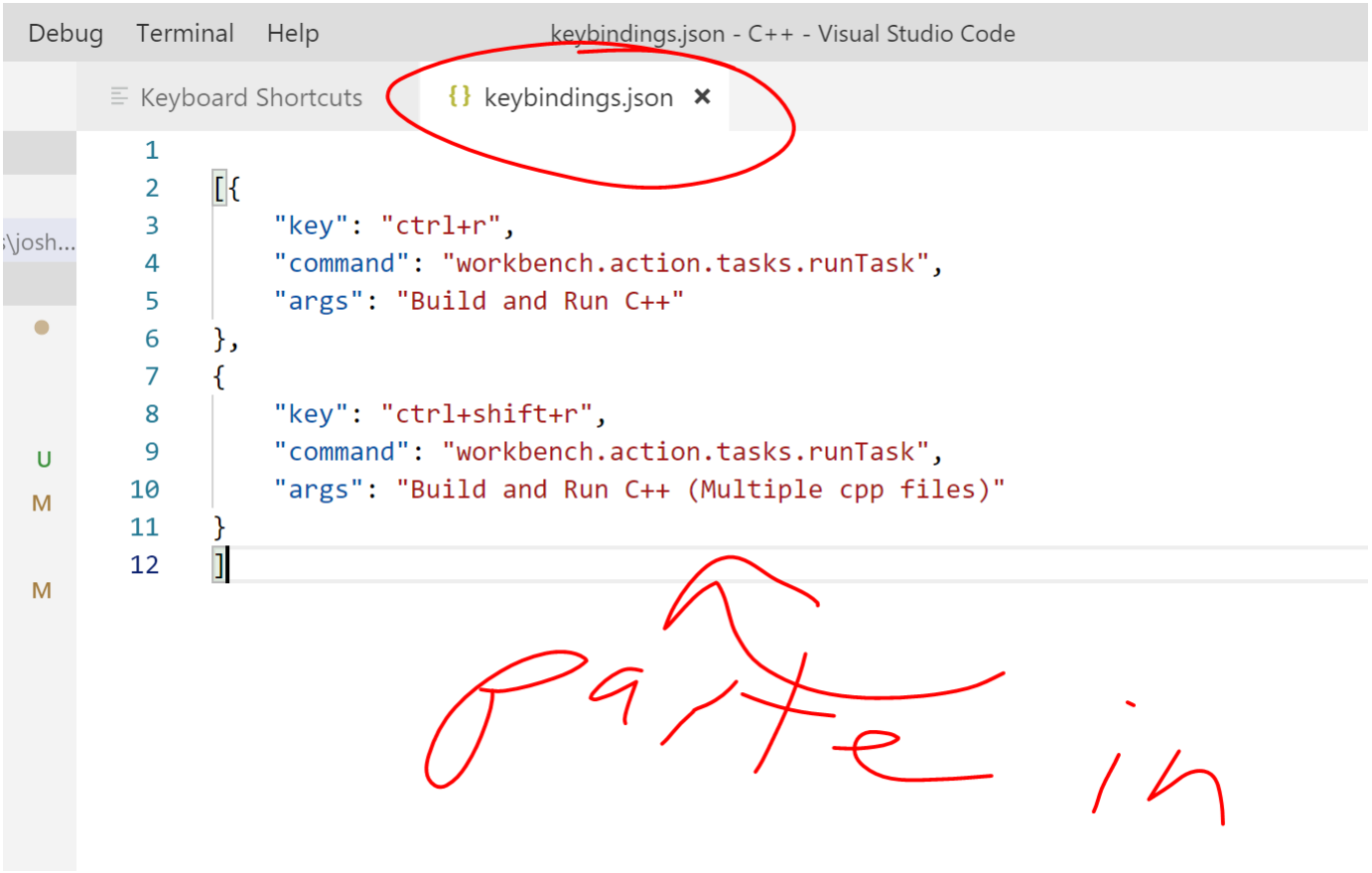


b.



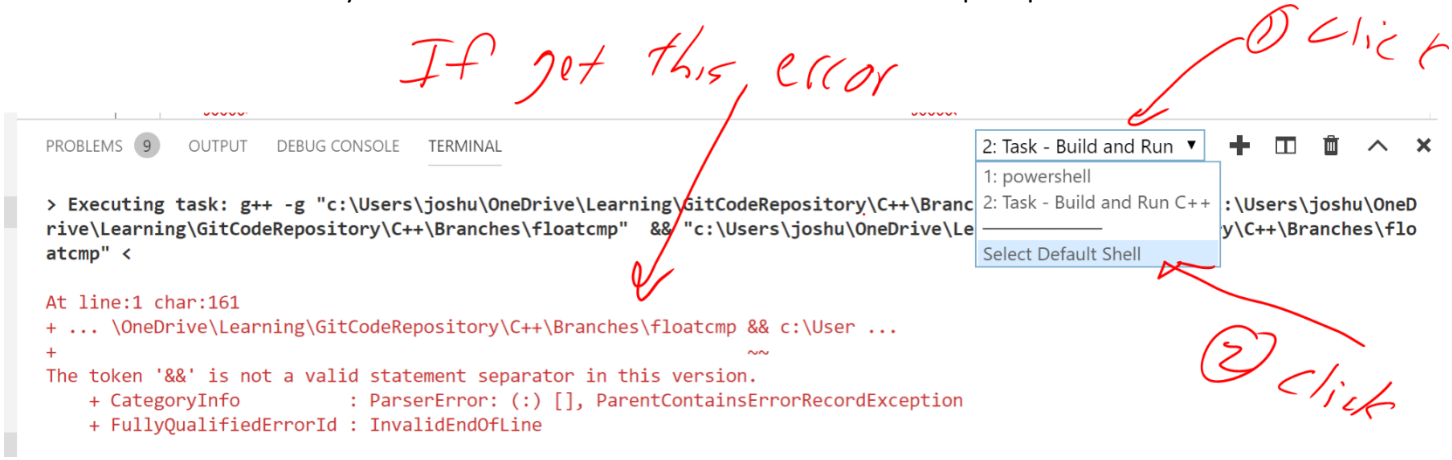
c. Paste in contents from keybindings.json (open with notepad)

i.

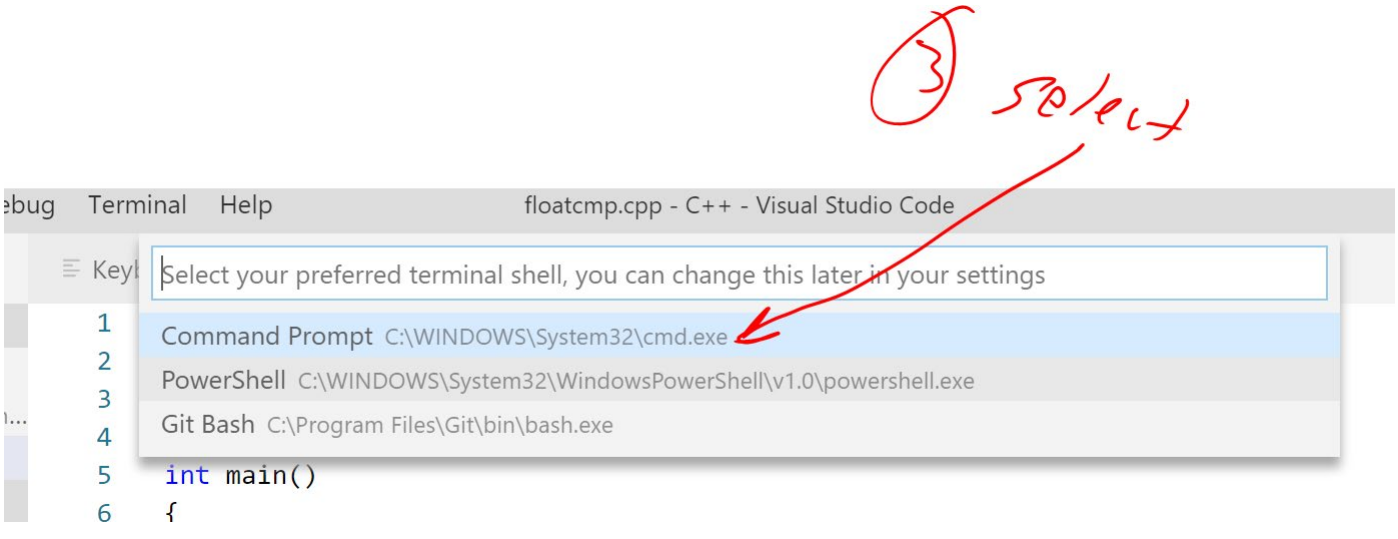


7. Hit ctrl r to run
8. If get this error You need to select your terminal window default shell to be command prompt

a.



b.



9. Hit ctrl r to run
    a. It Works!!!
    b.

10. **Ctrl shft r compiles all .cpp in folder**