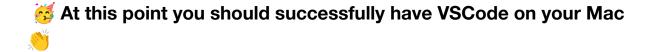# CS106L VSCode Setup Guide 💻

Mac:

Part One: Steps to install VSCode

1. Go to this link (https://code.visualstudio.com/docs/setup/mac) and download Visual Studio Code for Mac.
   a. Follow the instructions on this webpage under the section **Installation**.

🥳 **At this point you should successfully have VSCode on your Mac** 👋

Part Two: Steps to install a C++ Compiler

1. I really like and appreciate the simplicity of this tutorial: http://cs.millersville.edu/~gzoppetti/InstallingGccMac.html
2. Check if you have Homebrew by running:

```Unset
brew --version
```

If you get something like:

Skip Step 3 and go to 4

If you get ***ANYTHING*** else that looks sus **PROCEED** to step 3!

3. Run this command:

```
Unset
/bin/bash -c "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

Which is going to download Homebrew 🍺 which is a package manager. Woot woot.

4. Run the following command

```
Unset
brew install gcc
```

Which is going to install the compiler!

==Windows:==

Part One: Steps to install VSCode

1. Go to this link
   (https://code.visualstudio.com/docs/setup/windows) and
   download Visual Studio Code for Windows.
   a. Follow the instructions on this webpage under the
      section **Installation**.

🥳 **At this point you should successfully have VSCode on your Mac**
👋

Part Two: Steps to install a C++ Compiler

1. Follow the instructions at this link:
   https://code.visualstudio.com/docs/cpp/config-mingw
   a. You should be doing the instructions under **Installing the**
      MinGW-w64 toolchain.
2. *__After__* fully following the instructions under **Installing the**
   MinGW-w64 toolchain you should now be able to verify
   everything worked by running the following command

```
Unset
g++ --version
```