<center>**Clion and SDL2 Installation – Mac**</center>
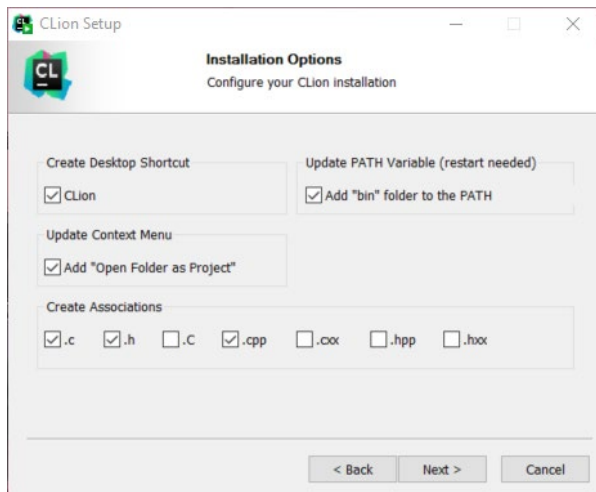
Clion installation:

Step 1 – install clion

Clion is an IDE for C/C++ which we will use throughout the course. You are free to use whatever editor you want to but good luck installing SDL2 and linking it for that editor.

Go to: https://www.jetbrains.com/clion/download/#section=mac

Download it, follow macbook's procedure to install applications (unpackage and drag and drop into applications or something {Shreya lost her macbook}).

During installation if you see this screen, pls follow: (ik this is windows, but similar settings should be there for mac)

After its installed, open terminal anywhere and execute the following commands, (credit to this guy https://medium.com/@navidsarhady/how-to-create-your-first-sdl2-project-using-clion-ide-in-macos-9155764d5765)

Check if brew is installed:

```
brew –version
```

If you don't see the following output, then execute the next command other skip.

```
Homebrew 2.2.2

Homebrew/homebrew-core (git revision 9633; last commit 2019-12-24)
```

To install brew (the quotes here matter, don't skip the quotes):

```
/usr/bin/ruby -e "$(curl -fsSL
https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

After the above command, check for version again.

Next, execute the following line:

```
xcode-select –install
```

if you see the following output then its installed successfully:

```
xcode-select: error: command line tools are already installed
```
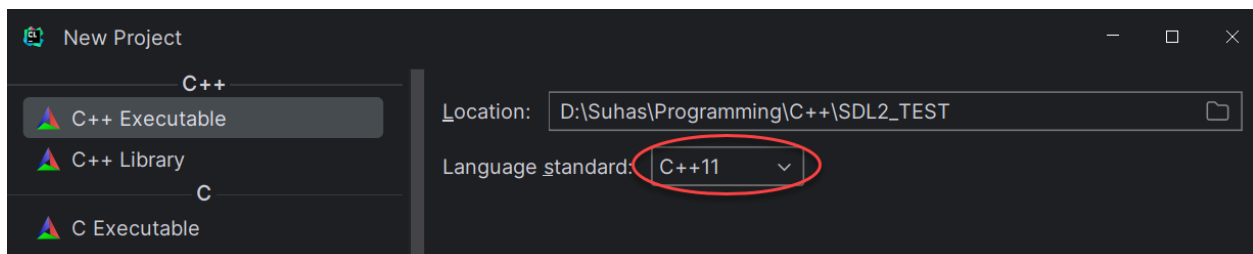
next execute the following commands one by one:
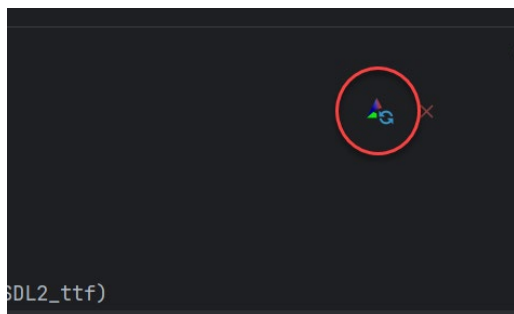
```
brew install sdl2
```

```
brew install sdl2_image
```

```
brew install sdl2_ttf
```

next open clion and create a new **C++ executable** project, make sure to set the **language standard to C++11.**

Head over to this link { https://drive.google.com/drive/folders/1stepkdB6lfud5-zs_SGcbM9OQJ8eGRcU?usp=drive_link} and download the "CMAKE" folder and CMakeLists.txt into the folder of the project. This CMakeLists.txt should replace the one that is already there in the project.

After making the changes, click on this button to reload cmake changes.

If no errors, congratulations you're done!!!!!!!!!!!!!!!!!!!!!.

If you have got any errors at any step pls ask us.

If you need more help refer to this video: https://youtu.be/C6tGtH47iQ0