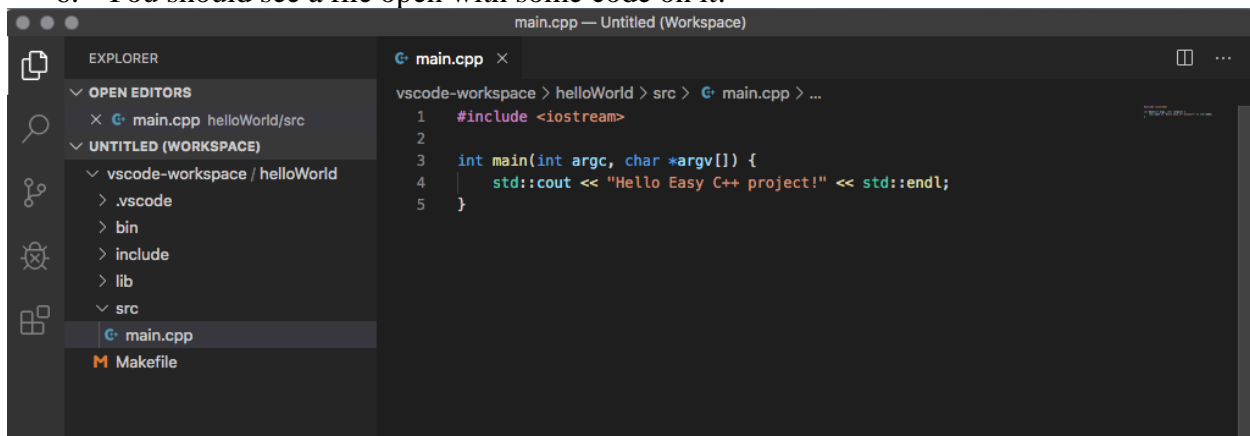


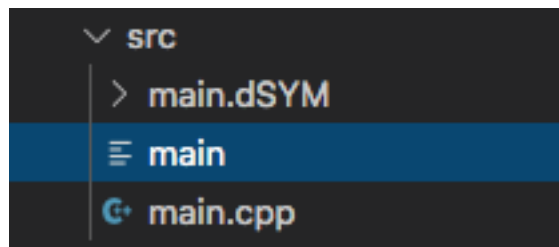
Setting up VS Code for C++ Development

1. Install a C/C++ compiler/debugger (if you don't already have one)
 - Executable installer [here](#) for Windows
 - Instructions [here](#) for MacOS
2. Install [Visual Studio Code](#)
3. Install the [C/C++](#) extension
4. Install the [C/C++ Project Generator](#) extension
5. Create a new C++ project
 - Select “View” --> “Command Palette”
 - Search “C++ project”
 - Select “Create C++ project”
6. You should see a file open with some code on it:



```
main.cpp — Untitled (Workspace)
EXPLORER
OPEN EDITORS
  × main.cpp helloWorld/src
UNTITLED (WORKSPACE)
  vscode-workspace / helloWorld
    > .vscode
    > bin
    > include
    > lib
    > src
      × main.cpp
      M Makefile
main.cpp
vscode-workspace > helloWorld > src > main.cpp > ...
1 #include <iostream>
2
3 int main(int argc, char *argv[]) {
4     std::cout << "Hello Easy C++ project!" << std::endl;
5 }
```

7. Build your project
 - Select “View” --> “Command Palette”
 - Search “build”
 - Select “C/C++ Build and Debug Active File”
 - Select “clang++ build and debug active file”
8. A new file should pop up on your sidebar—this is an executable



9. Run the executable
 - You can do this by either finding it in your folder and opening it OR
 - Run it from the terminal
10. Your terminal should print out: Hello Easy C++ project!