Programming in C++

ICS 45C

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Install VS Code: https://code.visualstudio.com/docs/setup/setup-overview
Install the Microsoft C++ extension: https://marketplace.visualstudio.com/items?itemName=ms-vscode.cpptools
[optional] Install a separate clang-format: https://pypi.org/project/clang-format/
Setup code formatting

First, open VS Code:
Setup code formatting

Find the extension:
Setup code formatting

Go to extension settings:
Setup code formatting

Search “clang-format” settings:
Setup code formatting

Change the format style to “Google” and save (cmd + s, ctrl + s):
Formatting your code

Open your file:
Formatting your code

Open command palette (cmd/ctrl + shift + p) and use “>format document”: 
Formatting your code

Your file should be nicely formatted:

```
#include <iostream>
using namespace std;

int main() {
    cout << "Hello world!" << endl;
    return 0;
}
```
[OPTIONAL] Setup auto formatting when saving

Search for “format on save” on settings, enable it, and save (cmd + s, ctrl + s):
Let us know if you have any questions!