

## CS120 Assignment #0

**Instruction:** Jia Song

**Due date:** Before your first lab.

**Turn in:** There is nothing to turn in.

1) Log into the CS department machines.

**Mac users:** open a terminal window. Type `ssh wormulon.cs.uidaho.edu`. Use your vandal username and password to log in.

If you are using your own computer, you may want to give your user name (vandal username) by using `ssh joev1234@wormulon.cs.uidaho.edu`, and then type in your password when the system asks.

**Windows users:** Download putty from ITS <http://support.uidaho.edu/software/>, scroll down to the ITS Specialized Tools heading and follow the directions/links to install putty. Once you have putty installed, run it and enter the host name: `wormulon.cs.uidaho.edu`, then use your vandal username and password to log in.

If your vandal ID and password don't work send an email to me ([jsong@uidaho.edu](mailto:jsong@uidaho.edu)) explaining the situation (you are in CS120 and can't log into wormulon), include your name and vandal ID number, and the section number you registered.

2) Copy/type in, compile, and run the Hello, World program.

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

int main(){
    cout << "Hello, World!\n";
}
```

This requires the following steps:

- Log on to wormulon (see above)
- Use nano to create a new file called something like: **hello.cpp**, e.g. the command is `nano hello.cpp` Note that the file extension for C++ programs is .cpp file.
- Copy or type in the code from the Hello, World program above into the file and save and close the file (the command in nano is control X, it will ask if you want to save the file - say yes).

- Use the command `g++ hello.cpp` to compile the program. This will create a new, executable file called `a.out`. (Or it may give you an error message - use nano to reopen the file and make sure everything is copied/typed correctly.)
- Once the file compiles without error type `./a.out` to run the program. (You should be able to see “Hello, World!” on your screen.)
- Once the program runs use nano to modify program so that it prints your name (and maybe a different message).