Computational Science 605: Scientific Computing and Parallel Processing

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1 Accessing the Cluster

As of 2/6, we can only access the computing cluster while physically on the SDSU campus. From a terminal on campus, type:

```
$ ssh porter@tuckoo.sdsu.edu
```

My default password is

```
Porter_2020_SDSU
```

Use nano editor (has shortcut commands to follow). We can create a new document with nano as well. Here's a quick axample of how to make, compile, and run a c++ program:

```
$ nano hello.cpp
```

In the editor that appears, write the program:

```
#include <iostream>

int main{
    std::cout << "hello" << '\n';
    return 0;
}
```

Press ctrl + O to save, then ctrl + X to exit. To compile and run, use the command prompt to write:

```
c++ hello.cpp
./a.out
```