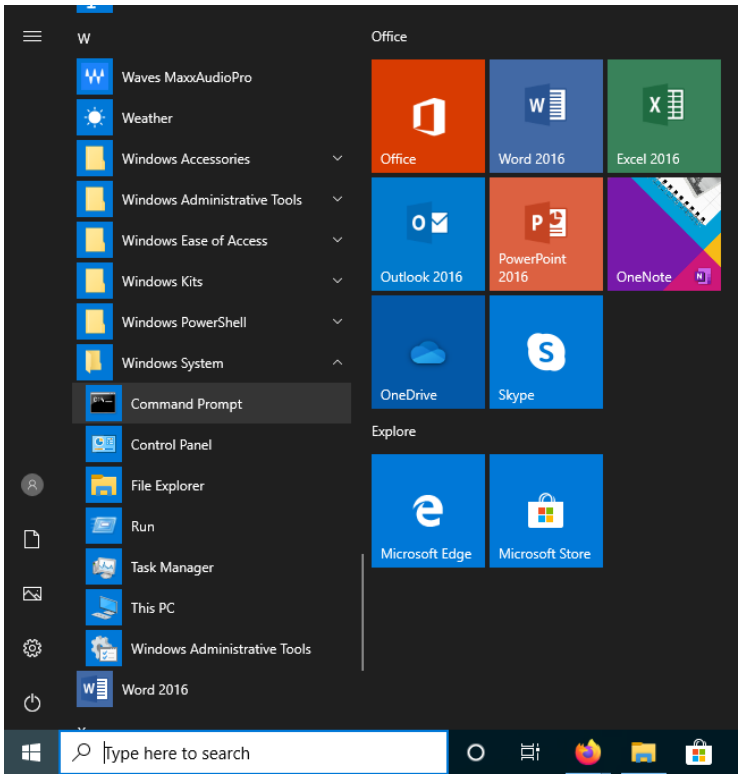
Logging in to the Linux servers from Windows via SSH

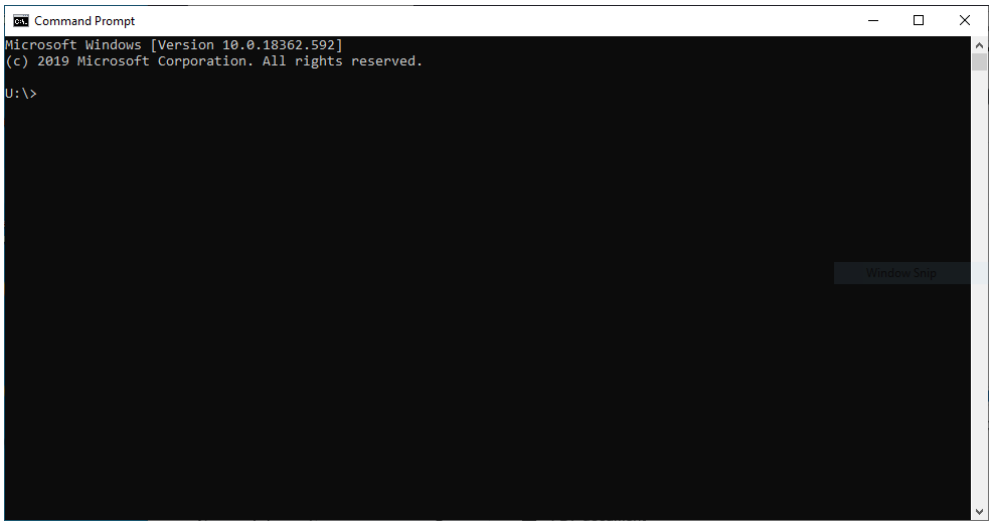
1. Open a Command Prompt You can find this by looking through your start menu

   (a) Find the folder called `Windows System`, open it.

   (b) Click on `Command Prompt`



Alternatively, search for `Command Prompt`. Once you have it open, it should look like this:



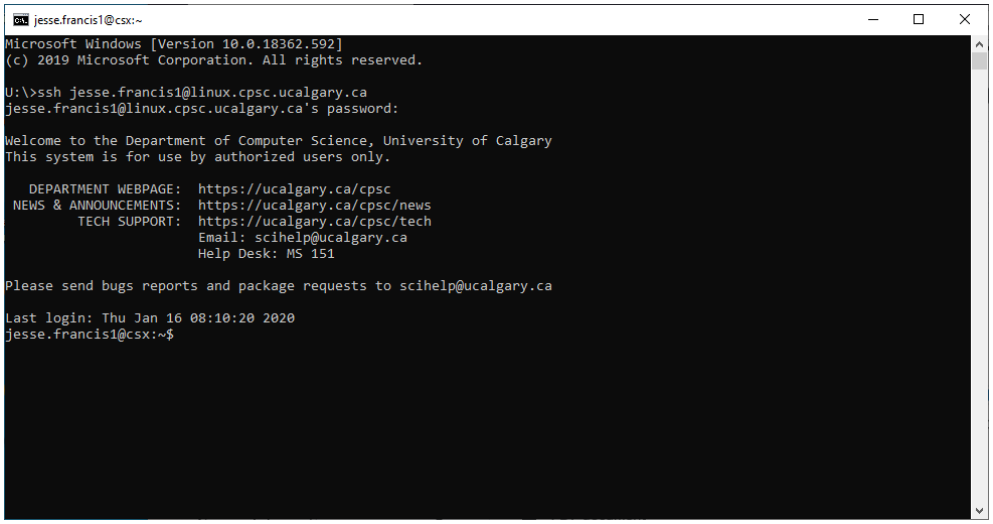
2. Type `ssh <cpsc username>@linux.cpsc.ucalgary.ca` in the command prompt and hit enter.

   i.e., `ssh jesse.francis1@linux.cpsc.ucalgary.ca`

   (a) If it says that the authenticity of the host can't be established, type `yes` and hit enter to continue connecting.

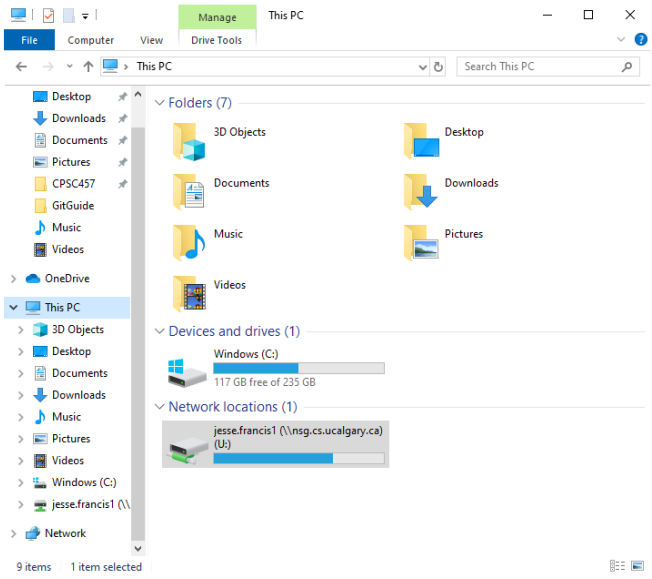
3. Enter your password when asked.

   - You should now be connected to the linux server.



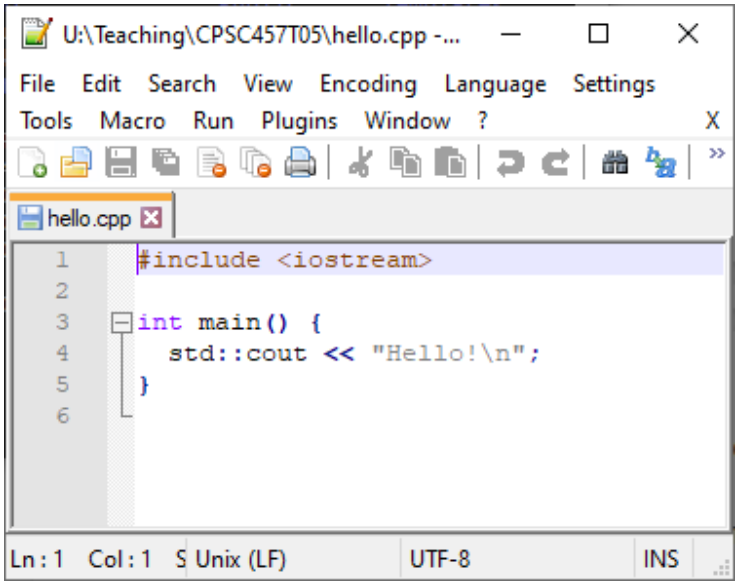
Editing Code in Windows

1. Find your network drive



2. Use your favorite editor to create a `.cpp` file and save it somewhere in your network drive. (`U:` drive for me)

   i.e., `U:\Teaching\CPSC457T05\hello.cpp`



Compiling code in Linux

1. Go back to the command prompt window you used to SSH, and then `cd` to the folder where you saved your `.cpp` file.

   i.e., `cd ~/Teaching/CPSC457T05/`

2. Run `g++ <in file> -O2 -Wall -o <out name>`

   i.e., `g++ hello.cpp -O2 -Wall -o hello`

3. Run the program with `./<out name>`

   i.e., `./hello`