CS 288 2018S Section 006
General Announcement 01

In order to be able to work on your homework and gain hands-on experience with the Linux operating system it is mandatory to have access to a Linux machine.

A month or two down the road I'll demonstrate how to install Apache Web server, MySQL database server, Python, and PHP on Ubuntu 16.04. There are many Linux distributions out there, but I only have time to do one demonstration. I, therefore, will use Ubuntu for the in-class demonstrations. However, if you have a different preference, feel free to deviate provided you have the required skills to figure out how to carry the installations on your own.

Note that having access to a Mac OS machine is also a good alternative to Ubuntu. However, it'll be your responsibility to handle any issue you encounter while installing the software servers and programming languages.

Until we get to a point where I am able to demonstrate how to install Ubuntu, you either need to install Linux on your own or use Highlander AFS, primary academic computing environment at NJIT.

- Information about accessing AFS from on-campus is available here:
  https://ist.njit.edu/accessing-afs/
- Information about connecting to AFS from off-campus is available here:
  https://ist.njit.edu/afs-entry-points-outside-njit/

If you are already using UNIX, Linux, or Mac OS, you will be able to do all the work without a need to use AFS. However, if you are a Microsoft Windows user, you will have to use AFS.

In a nutshell, to access AFS you need a special program called SSH client. An open source option is a program called PuTTY. However, NJIT obtained a campus wide license to distribute a more user-friendly SSH client called MobaXterm. You can read more about it and download it at this link:
http://ist.njit.edu/software/display.php?id=632

MobaXterm allows you to seamlessly move files between your laptop and the university servers, which is a bonus.

Lastly, accessing Highlander AFS requires a University Computing ID (UCID). All members of the NJIT community should create a UCID. Students cross-registering from Rutgers and ECC students who are enrolled in NJIT courses are eligible for a UCID as well. For more information, refer to the UCID FAQs at:
https://ist.njit.edu/university-computing-identification-ucid-faqs/