1 NJIT ID and last 4 digits

NJIT-ID (last 4 digits) and myUCID. Retrieve the last four digits of your NJIT-ID (NOT YOUR SSN):
Handout 0, Section 2 talked about this. If you don't know your NJIT-ID, login to `my.njit.edu` to retrieve
it. Make sure your myUCID work for the Highlander *nix machines (aka AFS machines). If you claimed
your myUCID info through myucid.njit.edu you shouldn't have problems, but VERIFY it.

2 Screen Capture, PDF generation

If you plan to do screen capture you may use Microsoft's snipping tool or other similar tools. Export in .JPG
(preferable). You may then include/import/insert those files into a Microsoft Word document. Capture only
the relevant area and make sure information is viewable afterwards. (This matters for you to keep overall
file size at less than 5MiB.)
PDF generation. There is a PDF printer driver in Microsoft Word that can be used to convert the resulting
document in PDF. (I believe that Pages in OSX offers something similar.)
File size limitation. If there is a requirement to submit a file be considerate: file sizes for submission larger
than 5MiB will not be accepted in canvas. Include your name and four digits of NJIT inside every document
you submit.

3 VPN

If you connect to an NJIT computer from outside NJIT, you need to establish prior to this connection a
VPN connection (eg your home-based PC will have an NJIT IP address). This requires you to download an
NJIT supplied VPN client. Go to `https://ist.njit.edu/vpn/` or type in Google `NJIT VPN client`
and follow through the instructions/links. Our suggestion is for you to work inside NJIT and thus to avoid
the use of VPN completely. (How can you verify the establishment of a connection? Type in google my IP
address and if the displayed IP address starts with 128.235, it is an NJIT one.)

4 Linux and Highlander *Nix

Sometimes we might ask you to work on a linux machine. They used to be called AFS machines, now
they are called Higlander *nix machines. If you know nothing about the Linux operating system and its
command line-based commands, go to the course web-page and Section B3 has two links (URL) to tutorials
that can help you. Such AFS machines (btw, AFS stands for Andrew File System, a network-based global
file system) are located at GITC (2nd floor) and have names such as oslX.njit.edu or oslXY.njit.edu where
X, Y are numeric digits. Machines osl1.njit.edu through osl31.njit.edu should be accessible most of the time.

5 Terminal and MobaXterm

In order to access those linux machines from inside NJIT you need to have an ssh (secure shell) client. An
ssh client can be accessible or retrievable through a Terminal window (application).

Windows users. NJIT has an enhanced terminal application named MobaXterm, available for download at
`http://ist.njit.edu/software-available-download/`.

NJIT

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A terminal application is sometimes known as command window, or command prompt but MobaXterm does more than that. Download it, install it and familiarize with it. You will need it in at least one homework. Included with it there is an ssh client that can be used to connect to other NJIT linux or unix computers.

Mac-OSX users. If you do not own a Windows machine, Mac OSX already has such a program: a MAC terminal available through `Applications->Utilities->Terminal`.

Linux users. A terminal (xterm or uxterm) similar to the one available to Mac-OSX users serves the same purpose.

Grade and Canvas Grading. HW grades will be made available in Canvas. Ignore canvas grade accumulations; canvas has no clue about the course grading scale or scheme. The only deadline is before (12-o'clock) noon of the day specified in the calendar of Handout 1 (Syllabus).