

Useful Unix/Linux Terminal Commands!

Note: do not need to include the square brackets for using the below commands; they are used here just to illustrate different folders/files that may be on your computer.

Note: the commands written in blue is what you would actually type into your terminal

SEE WHAT FOLDER YOU'RE IN:

`pwd` : lists (in sequence) folders that you're currently in, starting from your root directory

CHANGING DIRECTORIES

`cd ..` : moves up a directory

`cd [folder_name]` : change directory to a folder named `[folder_name]`

ex. Can do things like `cd ../../Folder1` (moves up to directories and then into a directory called Folder1)

ex. `cd ~` goes to your root folder on your computer, typically the directory containing your user profile

LIST ALL CONTENTS IN A FOLDER

`ls` : lists all files/folders in a directory

`ls -a` : lists all files/folders/hidden files in a directory

MAKE A NEW DIRECTORY:

`mkdir [name]` : makes a folder of the name, `[name]`

REMOVING (deleting) A FILE OR FOLDER

`rm [name]` : removes a file of the name `[name]`

`rm -r [folder_name]` : removes a folder of the name `[folder_name]`

COPYING FILES/FOLDERS

`cp [file1] [file2]` : copies `[file1]` to a new file called `[file2]`

`cp -r [folder_name1] [folder_name2]` : copies an entire folder of name `[folder_name1]` to `[folder_name2]`

HOW TO SSH:

**SSH is used to remotely log into a different computer and run codes/programs/
etc**

EXAMPLE_1:

`ssh -X username@[IP ADDRESS]` : logs you into the computer with the IP_ADDRESS listed, also used X11 forwarding

EXAMPLE_2:

`ssh -X username@elsa.hpc.tcnj.edu` : logs you into the ELSA High Performance Cluster at TCNJ under your TCNJ username