Review: UNIX Terminal Essentials

- Try the following commands
  - echo $SHELL - echo reports the value of a variable. $SHELL is the terminal interface you are using, and will affect the details of all other commands. bash is a popular shell.
  - File operations
    - ls – list files and directories
    - cp – copy files
    - rm – remove files and directories
    - mv – rename or move files and directories to another location
  - Directory management
    - pwd – confirm current directory
    - cd – change directory
    - mkdir – make new directory
    - rmdir – remove directory
- Also see
  - https://www.unixtutorial.org/basic-unix-commands
  - An Introduction to Linux (https://www.youtube.com/watch?v=IVquJh3DXUA). Work with the terminal starts at 3:35.

- A lot of what we will work through today is covered in the“Getting started with XSEDE” tutorial.
- This can be found at http://portal.xsede.org/. Click on the tabs marked “Documentation” and “Get Started”.
- You should already have
  - an XSEDE account and access to the class allocation
  - signed up for Multi-Factor Authentication with Duo (https://portal.xsede.org/mfa)
- So you can start from “Login to your Allocated Resources” on the left pane.