Class 9/5 - Bash environment. Software setup. Server. For loop.

Environment

* In home
* Nano to edit
  + Echo Greeting
  + Source
* Aliases
  + nb/sb
* PS1
* colors

Software

* Mount server, copy Unix local
* Unix
  + environment points computer to new software
    - not everything is run from a GUI
  + c3d
    - install
    - point env to package
    - test c3d
  + dcm2nii (MRIcron)
    - ~/research\_bin
    - Point env
    - Test dcm2nii
  + Mango
    - Install package components
* Linux
  + Login, make ~/research\_bin
    - Push linux/ to research\_bin
  + Env
    - pimp
    - C3d – path
      * Test c3d
    - AFNI
      * Test AFNI
      * R

For loop, expanding brackets

* Geany
* Touch, chmod
* Shebang
* Script
* For loop - variable

HW – AFNI local

HW – write for loops

Loop through numbers 1-99 and echo each

Loop through permutations of a-d and 1-20, and echo each

Loop through “cat bat gnat hat” using brackets, and echo each

HW – ANTs super