

Answer the following questions about bash

a. Pwd

Print current working directory (Absolute File Path)

b. Mkdir

Make a new directory in the current working directory

c. cd <dir>

Change your directory into <dir>, either provided in absolute or relative file path

d. cd ..

Go to the directory above the current working directory

e. Ls

List all the contents in the current working directory

f. rm and the -r flag

Remove. Rm removes a file; -r flag deletes a directory

g. Cat

Concatenate; could be used to combine files or print to terminal

h. Head

Shows the initial 10 lines of the file

i. Tail

Shows the final 10 lines of the file

j. Scp

Secure copy a file or directory to another location

k. nano (including Ctrl+o and Ctrl+x)

Nano opens the nano text editor to edit a particular file

Ctrl+o: write the changes and save

Ctrl+x: exit

l. --help

Flag to give the a run through of all the available flags

m. TAB

Autocomplete the commands when available

n. Ctrl+a

Moves cursor to the beginning of line

o. Ctrl+e

Moves cursor to the end of line

p. Ctrl+r

Used to search for a command

q. Ctrl+k

Removes text from cursor to the end of line

r. Ctrl+u

Moves cursor half page up

s. Ctrl+l

Clears the terminal

What command would you use to navigate to your Desktop from /Users/ using an absolute path? Relative path?

Absolute: `cd /Users/alanxu/Desktop/`

Relative: `cd alanxu/Desktop/`

How would you copy /Desktop/Example Folder/ with multiple documents inside to /Documents/?

`scp -r /Users/alanxu/Desktop/Example Folder/ /Users/alanxu/Documents/`

If you didn't know which folder you were in, how would you navigate back to /Documents/?

`cd /Users/alanxu/Documents/`

Fill in the blank:

- To push your local changes to GitHub, use the following sequence of commands:
 1. to view any unsaved changes. `git status`
 2. to save all files, or to save a specific file/folder. `git add *` or `git add /*file*/`
 3. to commit files for saving. Use '-m' to include a message. `git commit -m "/*your message*/"`
 4. to push your changes to GitHub. `git push`