Bash and GitHub
Due Date: Thursday 9/7 @ 11:59 PM
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Note on Absolute vs Relative File Paths
Absolute File Paths: The entire path of a file or folder starting with "/" or "/mnt/c/"
- Mac example: /Users/wadeb/Documents/QBIO490/course_description.pdf
- PC Example: /mnt/c/Users/wadeb/Documents/QBIO490/course_calendar.pdf
Relative File Paths: A shortened file path that takes your current location into consideration.
- . represents your current directory, .. represents the previous directory (one above)
- In /Documents folder…
  ./QBIO490/ = ../Documents/QBIO490/ = /mnt/c/Users/wadeb/Documents/QBIO490/

Answer the following questions about Bash:
- Type out definitions for the following commands and shortcuts in your own words. Refer to the slides for definitions of commands, and use google to look up the definitions of any unknown shortcuts.
    a. Pwd= a pinpoint marker for where your location is
    b. Mkdir = forming or creating another directory
    c. cd <dir> it specified the movement of the directory.
    d. cd .. cd is meant to change for different folders or other form of movement.
    e. ls = a table of content in the directory
    f. rm and the -r flag rm; is a form of removal or deletion; r s the same for the specific directories.
    g. scp makes another copy of a specific directory.
    h. nano (including Ctrl+o and Ctrl+x) it is another way to code and edit.a command line

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

I could use /Users/~cd/Desktop as an absolute path since you are in your user section. A relative path could be going from the users and then going to either folder in which those folders can be moved to the desktop.

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

You could use scp to take copies of each folder and use cd to move it to the other directory.

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

I could use a relative path, and I could use a pwd function in order to mark my location.

Answer the following questions about Nano:
- How do you create a new unnamed document within a directory?

In the notepad, create a document and in there you can form it. What are the steps to saving and naming a document?

> In the notepad, create a document and in there you can form it. To save is Command+X in order to save in which then it will be saved. To create a name, I think you can edit it in the notes and using one of the below functions.

- When should nano be used for file editing?

It should be used for small edits because there are additional resources that could be better.