

## Bash and GitHub

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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: print working directory, basically says where exactly you are
  - b. Mkdir: make directory (create a new directory)
  - c. cd <dir>: change directory
  - d. cd ..: goes directly to the previous directory
  - e. ls: lists out what's in the directory
  - f. rm and the -r flag: deletes file, deletes directory irreversibly
  - g. scp: copies something to another location
  - h. nano (including Ctrl+o and Ctrl+x): saving file, exiting nano
- What command would you use to navigate to your Desktop from /Users/ using an absolute path? Relative path?  
For an absolute path, I would say `cd /Users/Erika Li/Desktop`, and for relative path I would do `cd Erika Li/Desktop`.
- How would you copy /Desktop/Example Folder/ with multiple documents inside to /Documents/?  
`cp -r /Users/Erika Li/Desktop/Example Folder//Users/Erika LiDocuments/`
- If you didn't know which folder you were in, how would you navigate back to /Documents/?  
`cd /Users/Erika Li/Documents`

Answer the following questions about Nano:

- How do you create a new unnamed document within a directory?  
`nano`
- What are the steps to saving and naming a document?  
`Ctrl-O`, which will save and prompt you to name it.
- When should nano be used for file editing?  
Nano should only be used for small edits to files.