

Lab 01

Enter your chosen Unix environment. For the word 'command' assume it is a one line command unless explicitly stated otherwise. State what command(s) you used to accomplish each item.

1. What unix-based OS you are using (Ubuntu, Fedora, OSX, etc...)?
2. What are command line options (also called parameters)?
3. What are **ALL** the files in your home directory (the directory you start in) whose name contains the word 'bash'? What command did you use?
4. Create a new directory in your home and call it Lab1.
5. Create a directory inside of Lab1 named Lab1Sub while still in the home directory.
6. Create a file inside Lab1Sub named readme.please.txt, the file can be empty
7. What is the full (absolute) path of Lab1Sub? What command did you use?
8. If your present working directory is Lab1, name three 1 line commands that will return you to your home directory?
9. Copy the readme.please.txt (that is in the current working directory) file into your home directory (not the directory named home, the top level directory of your personal files)
10. Rename this new file to be useless.txt

11. Explain what |, <, >, and >> do when used on the command prompt.
12. What is the difference between * and ? in filename wildcards?
13. What command would you type in order to determine the number of lines in somefile.txt that do NOT contain HI hi Hi or hI? Hint, grep is your friend.
14. What 1 line command would you type to generate a file names.txt that contains a list of users currently on the system sorted lexicographically (default order of sort) (hint: *who* is on the system)?
15. What does the -r option do for the rm command? How about -f? Hint: use man.
16. Is executing the command "rm -r *" from your home directory a good idea? Why/why not (what would it do)?

Turn in: Please edit this document and submit via github as a pdf.

Due: August 18, 2017 2359

How to Turn in: Make sure you unix-commands.pdf is in your lab01 directory. Then enter the directory and type:

\$ git pull

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$ git add unix-command.pdf  
$ git commit -m "lab01"  
$ git push
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Note: There is no auto-grader for this assignment.