

CIS-350
Infrastructure Technologies
Lab 5 Report

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Your home directory is your login directory. Linux commands are case sensitive, the vast majority of them is in lower case. File names are also case sensitive. Open pico/nano/vi editor and type a brief evaluation of the lab. Describe what commands worked and what did not? Change a directory on your local machine to the Desktop and download the evaluation file to the Desktop of your local computer using a PSFTP client and command *get*. Open the file in Notepad/Word, print it, and attach to this report. Do not use Notepad/Word to type your evaluation. The PSFTP commands such as *lpwd* and *lcd* would be useful to check the default directory and change the directory, respectively, on your local machine. In PSFTP use command *help* to display the list of commands.

1. What command would you use to find out which shell is your log in shell? echo
\$SHELL
2. What command would you use to output the directory listing (in a long form and including invisible files) to both the computer screen and file *myfile* at the same time?
ls -al myfile
3. Assume a file named *Fruits* that you created in your home directory contains several spelling errors. What command would you use to find these errors in file *Fruits*?
spell Fruits
4. Assume that you created a script file named *MyMenu*. What command would you use to execute the script file?
./ MyMenu
5. What command would you use to display the first 4 lines in a file named *prog1.c*?
head -4 prog1.c
6. What command would you use to display the calendar for year 2017?
cal 2017
7. What command would you use to put a current shell to sleep for 50 seconds?
sleep 50
8. Assume that a file named *MyNeighbors* exists in your home directory. What would the command *wc MyNeighbors* generate? Describe.
wc is a command that will count the total number of lines, words, and characters in a file
9. Assume that a file named *LastNames* exists in your home directory. What command would you use to find all occurrences of word *Brown* in file *LastNames*?
grep Brown LastNames
10. What is the command to display the current date?
date
11. An *ls -al myfile.c* command displayed the following attributes of file *myfile.c*. Describe all the attributes, including the access permissions given to the three groups of users and the permission types.
- rwx r-x r-- asbrow15 250 Nov 20 15:45 myfile.c

This shows all of the attributes for the file, including the reading, writing, and executing permissions, the users name, the storage, and the date and time of the file, and finally the files name.