

CIS-350
Infrastructure Technologies
Lab 5 Report

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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 | tee 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?
./ show menu
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 will generate the number of lines, words and characters in the file MyNeighbors
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 Last Names
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--:

- - Ordinary file, Owner permission.
- rwx Read, write and execute access, user group permission.
- r-x Read and execute access, other user permission.
- r-- Read access only, no write or execute.

asbrow15: Owner

250: Size

Nov 20 15:45: Last modification date and time

myfile.c: Entity

Eval:

I have completed Lab 5 assignment, all of the commands worked. The most challenging part I found in the lab Question # 8.