

CIS-350
Infrastructure Technologies
Lab 3 Report

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Linux commands are case sensitive. The vast majority of them is written in lower case. File names and directory names are also case sensitive. For example, John and john are two different files.

1. What command moves you to your home directory from anywhere? **cd**
2. What command moves you to the parent directory? **cd ..**
3. What command displays your working directory? **pwd**
4. What command moves you to the root directory from anywhere? **cd /**
5. What command displays all files and directories in a long form and includes invisible files? **ls -al | more**
6. What command displays the contents of file *john*? **cat john**
7. What command allows you to get the manual on-line help on the *cat* command? **man cat**
8. What command would you use to sort data coming from a file *MyFile* and route the sorted output to a file *MyFileSorted*? **sort -n MyFile > MyFileSorted**
9. Display the content of the directory in a long form. Include invisible files and protect the directory list from scrolling off the screen. **ls -l**
10. What command would you use to open the *pico* editor to create file *homes*? **pico homes**
11. What command would you use to open the *vi* editor to create file *kim*? **vi kim**
12. What command would you use to remove the directory *books*? **rmdir books**
13. What command is used to change the password? **passwd**
14. What does the command *cat kim > names* do?
It routes the contents of file kim to file letters without displaying anything on the screen.
15. Assume that your home directory is your login directory. Write a command that
 - (a) creates 3 directories named *kim1*, *kim2*, and *kim3* in your home directory
mkdir kim1 kim2 kim3
 - (b) copies all files with extension *cc* from your home directory to the *kim2* directory
cp * .c kim2
 - (c) changes your home directory to the *kim2* directory
cd kim2
 - (d) displays all files in a long form including invisible files in the *kim2* directory and protects the files from scrolling off the screen
ls -al | more
16. Describe briefly what does a command *cat tom dick harriet | sort* do.
Displays the contents of those files and displays them in alphabetical order.
17. What command do you use to log off from Linux? **exit**
18. Describe briefly which commands did not work. _____

