**CIS-350  
Infrastructure Technologies  
Lab 3 Report**

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Linux commands are case sensitive, the vast majority of them is in lower case. File names and directory names are also case sensitive.

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 -la\_\_\_

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 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 -la | more \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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? \_\_\_\_\_\_\_\_\_passwrd\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

14. What does the command *cat kim > names* do? \_\_\_\_\_\_\_ displays and redirects the output from the kim file to the names directory \_\_\_\_

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 \*.cc 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

\_\_\_\_\_\_\_\_\_\_\_ more ls -la kim2\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

16. Describe briefly what does a command *cat tom dick harriet | sort* do.

\_\_\_\_this command will sort and display the contents of the tom dick and harriet files in alphabetical order \_\_\_\_

17. What command do you use to log off from Linux? \_\_\_\_\_\_\_\_ Ctrl-D \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

18. Describe briefly which commands did not work. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_