CIS-350
Infrastructure Technologies
Lab 3 Report

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Linux commands are <u>case sensitive</u>. The vast majority of them is written in <u>lower case</u>. 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**_____

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 cp**_____

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 – al | 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? _____**passwd**_____

14. What does the command *cat kim > names* do? _____**The command routes the contents of the kim file to names**. _____
_____

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
          _____**ls – al | more**_____

16. Describe briefly what does a command *cat tom dick harriet | sort* do.
_____I**t displays the contents of tom, dick, and harriet files and sorts them all on one page.**
_____

17. What command do you use to log off from Linux? _____**exit**_____

18. Describe briefly which commands did not work. _____**I did not have any problems with any of my commands throughout the duration of this lab.** _____
_____
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