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

**Student Name**: **Jessica Hoffman**

1. What command displays your working directory? **pwd**

2. What command moves you to the parent directory? **cd..**

3. What command allows one to go to the root directory? **cd /**

4. What command displays all files and directories in a short form? **ls -a**

5. What command displays all files (excluding invisible files) and directories in a long form? **ls -l**

6. What command displays the content of file *mary*? **cat mary**

7. What command allows one to obtain the manual on-line help on the *mkdir* command? **man mkdir**

For answers to questions 8 and 9 you may have to refer to the class notes posted on Blackboard. This material is covered more explicitly in Lab 4. It was also covered in class demos on Linux.

8. What steps/commands are needed to move a task/process already running in foreground to background? a. **CTRL Z** b. **bg**

9. Say, that Linux assigned the job id number = 5 to a task running in background. What command would you use to move this process from background to foreground? **fg 5**

10. What command would you use to sort (in the ascending order) data coming from a numeric file *MyNumbers* and reroute the sorted output to a file *MyNumbersSorted*? **sort –n MyNumbers > MyNumbersSorted**

11. 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**

12. What command would you use to open the *pico* editor to create file *students*? **pico students**

13. What command would you use to open the *vi* editor to create file *joe*? **vi joe**

14. What command would you use to remove the directory *letters*? **rmdir letters**

15. What command is used to change the password? **passwd**

16. What does the command *cat mary > letters* do? **It redirects the contents of the mary file into the letters file**

17. (a) **cd /home**

(b) **mkdir joe1 joe2 joe3 joe4**

(c) **cp /home/\*.c /home/joe1**

(d) **cd /joe1**

(e) **more joe1 joe2 joe3 joe4**

