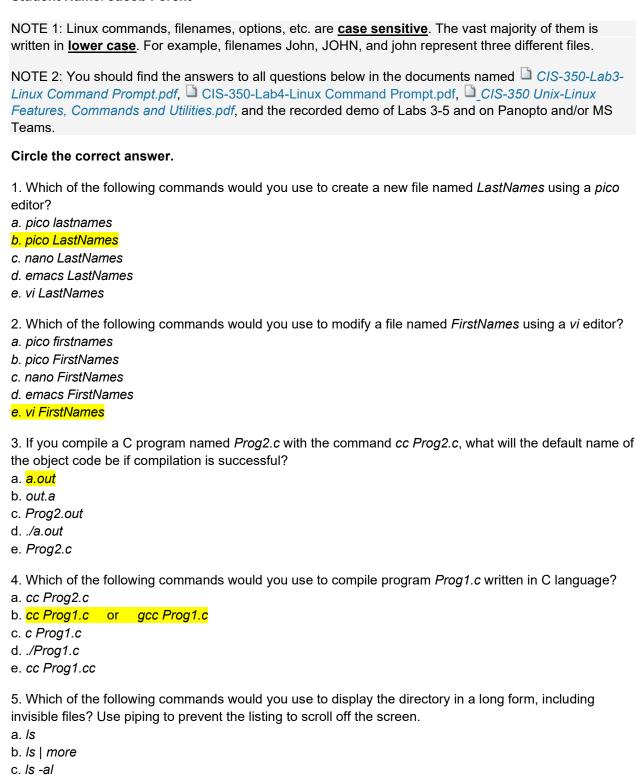
CIS-350 Infrastructure Technologies Lab 4 Report

Student Name: Jacob Forcht

d. Is -al | more e. Is -l | more



- 6. Which of the following commands would you use to sort in the ascending order the data coming from a file named *LastNames* and <u>redirect</u> (<u>route</u>) the output to a file named *LastNamesSorted*? Execute the command in foreground.
- a. sort > LastNames > LastNamesSorted
- b. sort < LastNames > LastNamesSorted &
- c. sort < LastNames > LastNamesSorted
- d. sort < LastNames < LastNamesSorted
- e. sort < LastNames >> LastNamesSorted &
- 7. Which of the following commands would you use to sort in the descending order the data coming from a file named *LastNames* and <u>append</u> the output to a file *LastNamesSorted*? Execute the command in background.
- a. sort > LastNames > LastNamesSorted
- b. sort < LastNames > LastNamesSorted
- c. sort -r < LastNames > LastNamesSorted &
- d. sort < LastNames < LastNamesSorted
- e. sort -r < LastNames >> LastNamesSorted &
- 8. Which of the following commands would you use to grant <u>yourself</u> (the owner) the <u>read</u> authority and <u>deny write</u> and <u>execute</u> authority to a file named *LastNames*?
- a. chmod u+rwx LastNames
- b. chmod u+r-wx LastNames
- c. chmod a+r-wx LastNames
- d. chmod o+r-- LastNames
- e. chmod u-r+wx LastNames
- 9. How would you use the *alias* command to change the name of the *Is* command to the name *list* for the current log in session?
- a. alias Is=list
- b<mark>. alias list=ls</mark>
- c. Is=list
- d. list=ls
- e. change Is to list
- 10. What is the sequence of the two commands/keys that you would use to <u>start</u> (record) and <u>end</u> your interactive session with Linux, and save it in a file named *LinuxLab4*?
- a. Type script LinuxLab4 (to start) and hit CTRL-D to end.
- b. Hit CTRL-D (to start) and type LinuxLab4 to end.
- 11. Which of the following commands would you use to display the terminal control-key settings?
- a. stt -a
- b. *st -a*
- c. stty -a
- d. a -stty
- e. script -a
- 12. Which of the following commands would you use to display a banner for *Mary*?
- a<mark>. banner Mary</mark>
- b. display Mary
- c. show Mary
- d. demonstrate Mary
- e. present Mary

| 13. What command would you use to compile a C program named <i>Prog3.c</i> and save an object file (if compilation is successful) in a file named <i>Prog3.out</i> ? a. cc -o Prog3.out Prog3.c b. cc Prog3.c c. gcc Prog3.c d/Prog3.c e. cc Prog3.cc -o Prog3.out |
|--|
| 14. What sequence of the following steps/commands is needed to move a task/process already running in foreground to background? a. hit Ctrl-C (to kill) and type bg b. type bg and hit Ctrl-Z (to suspend) c. hit Ctrl-Z (to suspend) and type bg d. hit Ctrl-U (to kill) and type bg e. type bg and hit Ctrl-C (to kill) |
| 15. Say, that Linux assigned a job/task id number = 1 to the task running in background. What command would you use to move that task/process from background to foreground? a. fg 2 b. fg 1 c. fg 3 d. fg 4 e. fg 5 |
| 16. Which of the following combination of keys would you press to erase (kill) the entire command on the command line? a. Ctrl-S b. Ctrl-Q c. Ctrl-Z d. Ctrl-U e. Ctrl-X |
| 17. Which of the following commands displays the process status? a. sp b. ls c. man d. ps e. cp |
| 18. Which of the following commands would you use to put a shell to sleep for 1 hour? a. sleep 1 b. sleep 3600 c. sleep 60 d. sleep e. sleep 40 |
| 19. Which of the following commands identifies and displays users currently logged on into the Linux system? a. who am i b. who c. date d. ls e. ps |

- 20. The root directory in Linux is denoted by _____. a. \ (backslash) b. \$ c. & d. / (slash) e. % 21. Look at the Linux directory diagram below. The correct absolute path leading to a file named pay residing in the *letters* directory is ______. a. /programs/pay b. /home/jmzura01/programs/pay c. letters/pay d. /home/jbcobb01/programs/pay e. /home/jmzura01/letters/pay bin usr dev etc home lib boot tmp jmzura01 jmzura02 jbcobb10 programs book letters pay 22. Look at the Linux directory diagram above. The correct relative path leading to a file named pay residing in the *letters* directory is _____. (Assume that you are already in directory *jmzura01*.) a. /programs/pay b. /home/jmzura01/programs/pay c. letters/pay d. /home/jbcobb01/programs/pay e. /home/jmzura01/letters/pay 23. Which of the following Linux directories stores device drivers? a. tmp b. bin c. lib d. dev e. etc
- 24. Which of the following are the features of Unix/Linux?
- a. device independence
- b. portability
- c. powerful interface
- d. asynchronous I/O
- e. All the above
- 25. UNIX/Linux distinguishes between upper case and lower case, so "A" and "a" are different.
- <mark>a. True</mark>
- b. False

- 26. The get to the C shell you need to type ksh and press Enter.
- a. True
- b. False
- 27. Linux is an essential component of the course. By putting my full name below, I testify that I actually logged in to the Ubuntu Linux and worked the commands on the Ubuntu Linux system, not just answered the above questions on paper. I acknowledge that I will lose points for not working the lab in Linux. Jacob William Forcht
- 28. Describe briefly which commands did not work and/or which places in the tutorial need improvement/clarification.

It worked fine