CIS-350 Infrastructure Technologies Lab 4 Report

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| Your home directory is your login directory. 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 would you use | to create a new file named FirstNames using a pico editor? _pico FirstNames_ |
| 2. | What command would you use | to create a new file named LastNames using a vi editor?vi LastNames |
| 3. | What command would you use | to compile program <i>Prog2.c</i> written in C language?cc Prog2.c |
| 4. | What command would you use to display the directory in a long form, including invisible files? Use piping to prevent the listing to scroll off the screen is -al more | |
| 5. | What command would you use to sort in the descending order the data coming from a file named FirstNames and routing the output to a file FirstNamesSorted? Execute the command in foreground. sort -r FirstNames > FirstNamesSorted | |
| 6. | What command would you use to sort in the descending order the data coming from a file named FirstNames and routing the output to a file FirstNamesSorted? Execute the command in background. sort -r FirstNames > FirstNamesSorted & | |
| 7. | What command would you use to grant <u>yourself</u> (the owner) the <u>read</u> , <u>write</u> and <u>execute</u> authority to a file named FirstNames?chmod u-w FirstNames | |
| 8. | How would you use the <i>alias</i> command to change the <i>ls</i> command to the <i>list</i> command for the <u>current</u> log in session?alias list=ls | |
| 9. | What commands/keys would you use to <u>start</u> (record) and <u>end</u> your interactive session with Linux, and save it in file <i>Lab4Linux</i> ? Start: script Lab4Linuix End: CTRL-D | |
| 10. | What command would you use | to display the terminal control-key settings?stty -a |
| 11. | What command would you use | to display a banner for Kim?banner Joe |
| 12. | - | to compile a C program named <i>Prog4.c</i> and save an object file (if compilation is g4.outcc -o Prog4.out Prog4.c |
| 13. | • | ed to move a task/process already running in foreground to background? bg |
| 14. | Say, that Linux assigned the job/task id number = 3 to a task running in background. What command would you use to move this task/process from background to foreground?fg 3 | |
| 15. | What combination of keys would you use to erase the entire command?CRTL X then backspace | |
| 16. | - | ommand stty -a dostty -a is a way to print all the current settings in a |
| 17. | Describe briefly which command | s did not workthe only command that I had a problem with was #7. |
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