Lab 4 Report

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Note that commands and filenames in Linux/Unix are <u>case-sensitive</u>.

1. What command would you use to create a new file named *MyNames* using a *vi* editor?
   vi MyNames

2. What command would you use to create a new file named *Names* using a *pico* editor?
   pico Names

3. What command would you use to compile program *program4.c* written in C language?
   cc progl.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.
   ls –al |more

5. What command would you use to sort in the ascending order the data coming from a text file named *MyNames* and routing the output to a file *NamesSorted*? Execute the command in <u>foreground</u>.
   sort-n <MyNames>NamesSorted

6. What command would you use to sort in the descending order the data coming from a numeric file named *MyNumbers* and routing the output to a file *MyNumbersSorted*. Execute the command in <u>background</u>.
   sort-n <MyNames>NamesSorted &

7. What command would you use to deny <u>yourself</u> (the owner) the <u>write</u> and <u>execute</u> authority to a file named *NamesSorted*?
   chmod u-wx NamesSorted

8. How would you use the *alias* command to change the *cp* command to the *copy* command for the <u>current</u> log in session?
   alias copy=cp

9. What command would you use to start (record) and end your interactive session with Unix/Linux, and save it in file MyLab?
   Start: script MyLab , End the session: 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 *Joe*?
    banner Joe

Eval:

I have completed Lab 4 assignment, all of the commands worked. The most challenging part I found in the lab Question 7 and 9.