**CIS-350  
Infrastructure Technologies**

**Lab 4 Report**

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

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

**vi MyNames**

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

**pico Names**

1. What command would you use to compile program *program4.c* written in C language?

**cc program4.c**

1. 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**
2. 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 foreground.  
   **sort MyNames > NamesSorted**
3. 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 background.  
   **sort –nr MyNumbers > MyNumbersSorted &**
4. What command would you use to deny yourself (the owner) the write and execute authority to a file named *NamesSorted*?  
   ­­­­­­­­­­­­­­­­­­­­­­**chmod ug-w ug-e NamesSorted**
5. How would you use the *alias* command to change the *cp* command to the *copy* command for the current log in session?  
   **alias copy=cp**
6. What command would you use to start (record) and end your interactive session with Unix/Linux, and save it in file MyLab?  
   **^Q ^D Lab4**
7. What command would you use to display the terminal control-key settings?  
   **stty –a**
8. What command would you use to display a banner for *Joe*?  
   **banner Joe**

