

CIS-350 Infrastructure Technologies  
Lab 4 Report

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1. What command would you use to create a new file named *FullNames* using a *vi* editor? **vi FullNames**
2. What command would you use to create a new file named *LastNames* using a *nano* editor? **nano LastNames**
3. What command would you use to compile a program *SortFile.c* written in C language? **cc SortFile.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 the data coming from a file named *UnsortedNames* and routing the output to a file *SortedNames*? Execute the command in foreground.  
**sort < UnsortedNames > SortedNames**  
**sort UnsortedNames > SortedNames**  
**sort -nr < UnsortedNames > SortedNames (in the descending order)**
6. What command would you use to sort the data coming from a file named *UnsortedNames* and routing the output to a file *SortedNames*? Execute the command in background.  
**sort < UnsortedNames > SortedNames &**  
**sort UnsortedNames > SortedNames &**  
**sort -nr < UnsortedNames > SortedNames & (in the descending order)**
7. What command would you use to deny the write, read, and execute authority to a file named *SortedNames* for users in the owner's group?  
**chmod g-rwx SortedNames**
8. How would you use the *alias* command to change the *ls* command to the *list* command for the current log in session?  
**alias list=ls**
9. What command would you use to record your interactive session with Unix/Linux?  
**script filename**
10. What command would you use to display the terminal control-key settings?  
**stty -a**