## **CIS-350 Infrastructure Technologies**

**Lab 5 Report**

**Student Name**: **Jessica Hoffman**

1. What command would you use to find out which shell is your log in shell?

**echo $SHELL**

1. What command would you use to output the directory listing (in a long form and including invisible files) to both the computer screen and file *myfile* at the same time?  
   **ls –al | tee myfile**
2. Assume a file named *Fruits* that you created in your home directory contains several spelling errors. What command would you use to find these errors in file *Fruits*?  
   **spell Fruits**
3. Assume that you created a script file named *MyMenu*. What command would you use to execute the script file?  
   **./MyMenu**
4. What command would you use to display the first 4 lines in a file named *prog1.c*?  
   **head -4 prog1.c**
5. What command would you use to display the calendar for year 2017?  
   **cal 2017**
6. What command would you use to put a current shell to sleep for 50 seconds?  
   **sleep 50**
7. Assume that a file named *MyNeighbors* exists in your home directory. What would the command *wc MyNeighbors* generate? Describe.  
   **This command would return the amount of line, words, and characters from the MyNeighbors file.**
8. Assume that a file named *LastNames* exists in your home directory. What command would you use to find all occurrences of word *Brown* in file *LastNames*?  
   **grep Brown LastNames**
9. What is the command to display the current date?  
   **date**
10. An *ls –al myfile.c* command displayed the following attributes of file *myfile.c*. Describe all the attributes, including the access permissions given to the three groups of users and the permission types.  
    - rwx r-x r-- asbrow15 250 Nov 20 15:45 myfile.c

**The first attribute is permissions allowed for the types of users that have access to the file myfile.c. The three groups of users in order are the owner, users in the owner’s group, and all other users. The first permission rwx means the owner has permission to read, write, and execute the file. The second permission means the users in the owner’s group can read and execute the file. All other users can only read the file. The second attribute is the name of the owner of the file. The third attribute is the file size in bytes. The fourth attribute is the date the file was modified. The last attribute is the name of the file.**

