**Assignment:**

Create a script file for each section below and name according to the following convention: LastnameFirstinitial#.sh, example: kaned1.sh.  All work will be done within these script files and will be submitted to the instructor.  Please demonstrate the following:

***Section 1: Provide the code for:***

1. Making a new directory
2. Creating new empty files (minimum of 2)
3. Moving at least 1 of your created files to a new folder within your directory

***Section 2: Provide the code for:***

1. Choose a classic book from Project Gutenberg (PG): [https://www.gutenberg.org/ (Links to an external site.)](https://www.gutenberg.org/). Download ebook as plain text and save it into your first directory from section 1. In the comments of your script file add the following information:
2. The name of the text and link into your documentation
3. Using the text from above write the code to run a word count command that counts the number of lines, words, and characters. Have the code save the result to a new .txt file
4. Using a pipe, write code that uses *head* and *tail* on your .txt file. Have the code save the output to a new file.
5. Create a *for* loop which does the following:
6. Echo’s the filename to the screen, uses the head and tail code from #3
7. Saves a section of the text to a new .txt file
8. Write a*grep* statement that searches for a certain word within your PG file. Have the code save the output to a new file

***Section 3: Write a short paragraph***

1. About any of the issues you struggled with in completing this assignment and how you overcame them.
2. How you think using a command-line interface may help you in your current or future work.