Project #2 Feedback 41/50

CIS 204 - Locke - Tue 6pm-8:50pm

1. **Project Requirements Procedure...**
2. **Project Description**
   a. For these requirements, use ONLY commands we have covered so far in class.
   b. `R02_001`: File wildcards (**20** points). For this section you will write `ls` commands…
      i. Only the files that start with the letter 'p'.
      ii. Only the files that start with the letter 's' AND end in the letter 's'.
      iii. Only the files that start with the letter 'p' AND are 4 characters in length.
      iv. Only the files that start with the letter 'p' OR the letter 'b'.
      v. Only the files that start with the letter 'p' or the letter 'b' and are 5 characters in total length.
   c. Commands and pipelines (**30** points):
      i. Use the following command to get a copy of the United States Constitution...
      ii. Convert the file…
      iii. Use the `vim` editor to remove the "Project Gutenberg" stuff (**exactly lines 681 through 996 and 1 through 81**) from `constitution.txt`
      iv. After the step above…
      v. `R02_002`: Write a **single command line** to print the first 5 lines and the last 10 lines of `constitution.txt` to the screen.
      vi. `R02_003`: Write a **single pipeline** to print line 30 to line 40 of `constitution.txt` to the screen.
      vii. `R02_004`: Write a **single pipeline** as above but this time make it such that you include the US Constitution line number in the output.
      viii. `R02_005`: Write a pipeline using the `tee` command that prints a list of users that are logged in. Make this pipeline such that it prints to the screen *and to a* file. Then use `cat` to print the file so that its contents are captured in your putty log.
      ix. `R02_006`: Write a command sequence as follows:
         1. Start 3 separate processes running (Hint: What is the `sleep` command?).
         2. Use another command to display and verify that the processes are running.
         3. Use another command to terminate the **2nd** process that you started.
      x. `R02_007`: Use the `wc` command and a "here document" to determine the number of lines, words, and bytes of the word list below. Hint: the wordlist will be created with the "here document".
         ```
         Blue
         car
         Supercalifragilisticexpialidocious
         5 6 7
         Spiderman
         ```
3. **Deliverables**

> **Commented [C1]:** -2.5: I don't see a citation for this in your output

a. Your `putty_log.txt` file from sections 2.b. and 2.c. above.

Your output and my comments:

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```
[npawarve@ats-cis ~]$ ls /home/faculty/clocke1/project_3/p*s
/home/faculty/clocke1/project_3/saucepans   /home/faculty/clocke1/project_3/shoes
/home/faculty/clocke1/project_3/scales      /home/faculty/clocke1/project_3/sponges
/home/faculty/clocke1/project_3/sheets      /home/faculty/clocke1/project_3/spoons
/home/faculty/clocke1/project_3/shelves
```

```
[npawarve@ats-cis ~]$ head -n 40 constitution.txt | tail -n 10
according to their respective Numbers, which shall be determined
by adding to the whole number of free Persons, including those
bound to Service for a Term of Years, and excluding Indians not taxed,
three fifths of all other Persons.  The actual Enumeration shall be made
within three Years after the first Meeting of the Congress of the
United States, and within every subsequent Term of ten Years,
in such Manner as they shall by law Direct.  The number of
Representatives shall not exceed one for every thirty Thousand,
but each State shall have at least one Representative;
and until such enumeration shall be made, the State of New Hampshire
[npawarve@ats-cis ~]$
```

```
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Fri Sep 16 10:11:02 CDT 2016
/home/students/npawarve
R02_004_790047
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```

```
[npawarve@ats-cis ~]$ cat -b constitution.txt | head -n 40  | tail -n 1
0
```

```
    21according to their respective Numbers, which shall be determined
    22by adding to the whole number of free Persons, including those
    23bound to Service for a Term of Years, and excluding Indians not taxed,
    24three fifths of all other Persons.  The actual Enumeration shall be made
    25within three Years after the first Meeting of the Congress of the
    26United States, and within every subsequent Term of ten Years,
    27in such Manner as they shall by law Direct.  The number of
    28Representatives shall not exceed one for every thirty Thousand,
    29but each State shall have at least one Representative;
    30and until such enumeration shall be made, the State of New Hampshire
```