CISC 3140

LAB 5

Task 1:

Step 1: How many people took a civil service exam for a specific government job (in the past 4 years)?

Step 2: dataset used: [Civil Service List (Active)](https://data.cityofnewyork.us/City-Government/Civil-Service-List-Active-/vx8i-nprf)

Step 3: So I figured I’d use github to transfer the CSV file to the linux server to use terminal instead of wget, given my skills with the terminal are shoddy at best and I at least know git clone works. Read up a bit on terminal based commands to parse CSV files and found grep command. After playing a bit with it and reading how to get output to a file I ended up with this list of commands I used to find a list of people who took are on this list under a specific job in this case administrative management auditor and conductor jobs and then all jobs under the department of transportation. I included Screenshots of the output.txt file I made at log 329 because I am pretty sure I messed something up with git and am gonna need to talk to the TA to get it fixed (hopefully)

319 ls

320 git clone https://github.com/SeraphMichael1/CISC-3140-Lab-5.git

321 ls

322 cd CISC-3140-Lab-5

323 ls

324 head Civil\_Service\_List\_\_Active\_

325 head Civil\_Service\_List\_\_Active\_.csv

326 grep ADMINISTRATIVE MANAGEMENT AUDITOR Civil\_Service\_List\_\_Active\_.csv

327 grep -w ADMINISTRATIVE MANAGEMENT AUDITOR Civil\_Service\_List\_\_Active\_.csv

328 grep -w "ADMINISTRATIVE MANAGEMENT AUDITOR" Civil\_Service\_List\_\_Active\_.csv

329 grep -w "ADMINISTRATIVE MANAGEMENT AUDITOR" Civil\_Service\_List\_\_Active\_.csv > output.txt

330 ls

331 cat output.txt

332 grep -w "conductor" Civil\_Service\_List\_\_Active\_.csv

333 grep -w "CONDUCTOR" Civil\_Service\_List\_\_Active\_.csv

334 w

335 history

336 grep -w "DEPARTMENT OF TRANSPORTATION" Civil\_Service\_List\_\_Active\_.csv

337 history