

Name _____

Mohawk Valley Community College

CI 132 Lab 13

Describe the actions performed by the following commands. Assume any referenced files exist and contain data.

1. `cat data`

2. `sort names`

3. `uniq names`

4. `grep ab data`

5. `grep -v ab data`

6. `cut -d : -f 5 /etc/passwd`

7. `cut -c 5-20 /etc/passwd`

8. `wc -l /etc/passwd`

Provide the command necessary to solve the following problems. The command string provided should be in its simplest possible form (don't use two commands where one will accomplish the task).

9. Sort the contents of the unix password file (**/etc/passwd**)

10. Display only usernames contained in the unix password file

11. Count the total number of lines across the three files **people1**, **people2**, and **people3** using the **wc -l** command. Extra credit will be awarded for accomplishing this goal using a single command line argument.

Complete questions 12-15 using the file **/opt/ci132/submit/checksums** as input

12. Display the first 20 lines of the file

13. Display all lines containing the string lab5

14. Display all lines which do not contain the string lab5

15. Display only the md5 hashes (column 2)

Complete questions 16-19 using the file `/opt/ci132/data/lab13/name_ssn` as sample input

16. Display only names from the file

17. Sort the file by first name

18. Sort the file by last name

19. Sort the file by social security number