UNIX

Foundation Exercises

Module 07 - More Commands

Module 08 - Environment

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**Perform the following tasks (using a single command line for each)**

1. Using the **day2/accounts** file:
2. Display the fifth character of each line.: cut -c5 accounts
3. Display the first 4 characters of each line.: cut -c1-4 accounts
4. Display the first and sixth characters of each line.: cut -c1,6 accounts
5. Display the first and last names for each account-holder.: cut -d: -f2 accounts
6. Display the account type and balance for each account-holder. Replace the colon with a space.: cut -d: -f3-4 accounts | tr":" " "
7. Display Ray Manzarek’s name and balance only.: grep "Ray Manzarek" accounts | cut -d: -f4
8. Display the file contents sorted by last name of account-holder.
9. Display the file contents sorted numerically by balance.
10. Display the account types in sorted reverse order for every account-holder
11. Output every account-holder’s first and last names in alphabetical order to a file called **sortedByName.txt**
12. Display the file contents with all digits replaced with asterisks (\*)
13. Display the file contents with all upper case letters removed.
14. Display first and last names in upper case for every account-holder.
15. Output file contents as a comma-separated file called **commaStorage.txt**
16. Display only the PIN numbers for each account-holder without the string **PIN**
17. Using the **/etc/passwd** file:
18. Display the first 5 lines.
19. Display the first 5 lines in alphabetical order.
20. Display the username (first column) in alphabetical order.
21. Display the fifth character of **FDM Academy**
22. Display your details from the **finger** command in upper case.
23. Display a list of logged-on users in alphabetical order with a count of sessions for each user.
24. Display a list of all your logins within the last 5 days.
25. Display the name of your shell from the **SHELL** environment variable
26. Display the value of your **PATH** environment variable with all the colons replaced by commas.
27. Create an alias for the command you wrote in exercise 5 above. Call it **uc** (short for *user count*) and test it to make sure it works.
28. Create a new environment variable called **FULLNAME** and set it to your full name (not your username). Use the echo command to display the value.

https://www.guru99.com/linux-commands-cheat-sheet.html