|  |
| --- |
| To open cmd terminal: |
|  | Ctrl + Alt + t |
|  |  |
|  | Current directory path: |
|  | pdw |
|  |  |
|  | One step backword directory: |
|  | cd .. |
|  |  |
|  | Folder and file list: |
|  | ls |
|  |  |
|  | Folder and file list (with details): |
|  | ls -l |
|  |  |
|  | Folder and file list (with hidden files): |
|  | ls -al |
|  |  |
|  | Details formate is: |
|  | drwxr-xr-x arif arif f/d\_size modified\_time f/d\_name |
|  | file or directory, access for user, group, others, username, groupname, f/d\_size, date\_time, f/d\_name |
|  |  |
|  | Vsiting a specific directory: |
|  | cd folder\_name |
|  | or, cd /folder\_path |
|  |  |
|  | Displaing file content: |
|  | cat filename |
|  | or, cat /file\_path  cat > f1 // file cteate and value entre . for exit ctrl+d |
|  |  |
|  | Creating a folder: |
|  | mkdir foldername |
|  | mkdir /folder\_path/folder\_name |
|  |  |
|  | File create: |
|  | touch filename |
|  | touch /file\_path/file\_name |
|  |  |
|  | Coping file: |
|  | cp source\_path destination\_path |
|  |  |
|  | Coping directory: |
|  | cp -r source\_path destination\_path |
|  |  |
|  | Rename file/directory: |
|  | mv current\_name new\_name |
|  |  |
|  | Delete file: |
|  | rm source\_path |
|  | or, rm -f source\_path |
|  |  |
|  | Delete directory: |
|  | rm -r source\_path |
|  | or, rm -rf source\_path |
|  |  |
|  | Permission change file: |
|  | chmod xxx file\_name |
|  | \*if chmod not work, use 'sudo chmod' |
|  |  |
|  | Permission change directory: |
|  | chmod -R 756 dir\_name |
|  | 756 stands for: rwx r-x rw- |
|  | \*if chmod not work, use 'sudo chmod' |
|  |  |
|  | Create user: |
|  | sudo adduser user\_name |

-------------------------------lab-2--------------------------------

|  |
| --- |
| Create group: |
|  | sudo groupadd group\_name |
|  |  |
|  | Checking group file: |
|  | cat /etc/group |
|  |  |
|  | Seeing group list, where user joined: |
|  | groups user\_name |
|  |  |
|  | Seeing currents user'sID's (username, group, etc.): |
|  | id |
|  |  |
|  | Seeing specific user'sID's (username, group, etc.): |
|  | id user\_name |
|  |  |
|  | Add a user to a group: |
|  | sudo usermod -a -G group\_name user\_name |
|  |  |
|  | Adding a user to root group: |
|  | sudo usermod -a -G sudo user\_name |
|  |  |
|  | Changing primary group: |
|  | sudo usermod -g group\_name |
|  |  |
|  | Change ownership of a file/dir: |
|  | sudo chown user\_name file\_name/dir |
|  |  |
|  | Change group of a file/dir: |
|  | sudo chgrp group\_name file\_name/dir |
|  |  |
|  | Change permission on a folder and it's all files: |
|  | sudo chown -R user\_name dir\_name |
|  |  |
|  | Delete group: |
|  | sudo groupdel grp\_name |
|  |  |
|  | Delete User: |
|  | sudo userdel user\_name |
|  |  |
|  | List of modified files in last 7 days: |
|  | find -mtime -7 -ls |
|  | or, |
|  | find dir\_path -mtime -7 -ls |
|  |  |
|  | Names of all files: |
|  | find -name '\*' |
|  | find -name '\*.c' |
|  | find path -name 'group' |
|  |  |
|  | List of file types: |
|  | find -type f |
|  |  |
|  | List of dir types: |
|  | find -type d |
|  |  |
|  | File: |
|  | uniq file\_name |
|  | sort file\_name |
|  | sort file\_name | uniq |
|  | sort file\_name | uniq -i (i for case insensetive) |
|  | sort file\_name | uniq -ic (c for count) |
|  | sort file\_name | uniq -icu (u for uniq) |
|  | sort file\_name | uniq -icd (d for not uniq) |
|  |  |
|  | In File Search: |
|  | grep hi file\_name (hi as a sunstring) |
|  | grep -w hi file\_name (hi as a word) |
|  | grep -iw hi file\_name (hi as a case insecsetive word) |
|  | grep -iwn hi file\_name (hi as a case insecsetive word count) |
|  | grep -iwnv hi file\_name (hi as a case REST OF insecsetive word count) |
|  |  |
|  | File word count: |
|  | wc file\_name |
|  | Output - line numbers, word numbers, file\_size in byte |
|  |  |
|  | File line count: |
|  | wc -l file\_name |
|  |  |
|  | File word count: |
|  | wc -w file\_name |
|  |  |
|  | Open file in editor: |
|  | gedit file\_name |
|  |  |
|  | Printing first 10 lines: |
|  | head file\_name |
|  |  |
|  | Printing first 5 lines: |
|  | head -5 file\_name |
|  |  |
|  | Printing last 10 lines: |
|  | tail file\_name |
|  |  |
|  | Printing last 5 lines: |
|  | tail -5 file\_name |
|  |  |
|  | Printing 7-9 lines: |
|  | head -9 file\_name | tail -3 |