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| --- | --- |
| Description | Command |
| all previous command history | [history] |
| print working directory | [pwd] |
| fetches the latest version ubuntu | [sudo apt update] |
| updates for each outdated package and dependency | [sudo apt upgrade |
| get computer name | [hostname] |
| Install packages | [apt packagename install] |
| User | |
| Switch user into root user (its remove sudo typing) | [sudo su] |
| to add new user | [useradd username] |
| to add new user group | [groupadd group\_name] |
| to add user into a group | [gpassword -a group\_name] |
| Single File (create,edit,delete) | |
| create new file and add text. press ctrl+d to exit and save | [cat > file\_name] |
| Read file | [cat file\_name] |
| add new text into existing file | [cat >> file\_name] |
| concatenate files | [cate file\_1 > file\_2] |
| print reverse file | [tac file\_1] |
|  |  |
| make empty files, its use basically for timestamp update | [touch file\_name] |
| to update access time | [touch -a file\_name] |
| to modify time | [touch -m file\_name] |
| Create hidden file | [touch .file\_name] |
| rename file | [mv older\_name new\_name] |
| Delete empty file | [rm file\_name] |
| delete file with content | [rm –rf file\_name] |
|  |  |
| Create new File and edit  to exit press 'esc' then type :[w] for save and [:wq] for save and exit, [:q] without save | [vi file\_name] |
| edit existing file | [vi file\_name] |
| Create new file into editor | [nano file\_name] |
| Edit existing file with nano | [nano file\_name] |
|  |  |
| view all files and folder | [ls] |
| view all files and folder with hidden | [ls -a] |
| file and folder list in list file | [ls -l] |
| file and folder list in list file | [ll] |
| View in tree style | tree |
| Directory (create,delete,rename) | |
| create new folder | [mkdir folder name] |
| create mublitp subfolder | [mkdir folder1/foler2/folder3] |
| rename folder | [mv older\_name new\_name] |
| to check folder permission | [ls -ld foldername] |
| Create hidden folder | [mkdir .folder\_name] |
| delete empty directory | [rmdir dir\_name] |
| delete directory with sub directory and parent | [rmdir -p dir\_name] |
| all delete directory verbose | [rmdir -pv dir\_name] |
| make tar file | [tar -cvf filename] |
| extract tar file | [tar -xvf filename] |
| make zip | [gzip file name] |
| Extract zip | [gunzip file\_name] |
| download from url | [wget url] |
| to make hardlink for sync to backup | [ln dir1 dir2] |
| create shortcut softlink | [ln -s src\_file shorcutname] |
| Apache server | |
|  | [sudo service apache2 start] |
|  | [sudo service apache2 stop] |
|  | [sudo service apache2 status] |
|  |  |
| (Copy paste) | |
| Copy and paste | [cp src\_path destinationpath] |
| Cut and paste | [mv src\_path destinationpath] |
| File/dir permission | |
| change file permission [drwxr-xr--] (r=4, w=2, x=1 -=0) | [chmod 777] |
| change file permission | [chmod u=rwx,g=rwx,o=rwx file\_name] |
| change file owner | [chown user\_name file\_name] |
| change file group | [chgrp group\_name file\_name] |
|  | [chown -R user\_name folder\_name] |