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| COMMANDS | PROCESS |
| pwd | /home/beryl (Present Working Directory) |
| cd Desktop  cd ..  cd /  cd Desktop/test | /home/beryl /Desktop (Change Directory)  /home/beryl (return to 1 level low directoy)  / (Root directory)  /home/beryl /Desktop/test ( comes to specific directory according to path) |
| ls  ls -al  ls -R  ls -a  ls -l | List all files in pwd  List all files in a long listing (detailed) format  Show all files of subdirectories too  Show all files nd files start with .a  list files from the pwd along with their permissions |
| cat > test  cat > test1 test 2  cat test1 test 2 > test1  cat test3  touch f.txt  rm filename  cp f.txt test3  mv test3 t  mv t Desktop  sudo | Create new file name test in pwd  Create multiple new file name test1 test2 in pwd  Combine files nd put into test3  Show file contents  Create new file name f.txt in pwd  Remove file  Copy file f.txt to test3  Rename test3 to t  Change location to Desktop  For super user access |
| mkdir ram  mkdir ram raman  rmdir ram  rm -r ram raman | Create new directory in pwd  Create multiple directory in pwd  remove directory in pwd  remove recursive directory which contain something |
| man man | Give manual of man |
| clear | Clear screen |
| history | History of old command list |
| date | Print date |
| cal | Print calander |
| Sudo apt-get update  Sudo apt-get upgrade  Sudo apt-get install ‘mailutils’ | List of update  Download updates  Install email package |
| vi hello | Create hello file if not exist nd direct to vi editor  I= insert mode ; esc=cmd mode //also made some programs using shell script |
| bash hello | Execute hello file |
| chmod 750 Hello | Give rwx to owner r-x to group nd --- to public access of file hello |
| scp -r test1 sahil@192.168.1.4:/home/sahil/Desktop | copies directory test1 from pwd to host with the given ip address at specified directory |
| ifconfig | returns ip address of the machine and realtive information |
| sudo apt-get install git | Installs git on machine |
| whereis firefox | returns location of the specified application |
| Gedit | opens Gedit text editor |
| grep ‘he’ hello.txt | Highlight following string in file content |
| ls | grep z | returns files containing ‘z’ in their names in pwd |
| ls | grep -c txt | returns count of files containing ‘txt’ in their names in pwd |