

ssh username@ipaddress => to connect to linux machine

ls => list all the files in the current working directory

ls -l => It will list all the files in the current working directory in the long format which contains file permissions, size in bytes, date and time.

ls -al=> It will list all the files in the current working directory in the long format along with hidden stuff

pwd=> Print working directory. It will print the current working directory

cd=> To change directory

cd /=> To change the directory to root directory

cd ..=> To jump back one directory

cd /Users/Mahender=> To change directory to specific path

cd=> To get back home

touch file.txt=> Used to create a file

touch files.txt{1..10}=> This will create 10 empty files like files.txt1 files.txt2 .. upto files.txt9

touch -d tomorrow mahender.txt=> To create a file for tomorrow

echo hello world=> is used to print something

echo hello world > mahender.txt - to create a file and write something into it if it is doesn't exists directly write into it

vim mahender.txt => to directly write in the file to exit and save the file after writing hit esc :wq

nano mahender.txt => to directly write in the file in the command =>to save and exit hit ctrl+x+y enter

cat mahender.txt => to see what inside the file

cat > mahender.txt => to create and write in text in the file in the command line and to exit hit ctrl+D

mkdir folder => used to create directory

cp folder folder/mahender.txt => copying a file

mv filename folder/filename => moving a file

`rm file.txt` => removes a file

`rmdir file` => removes a directory

`rm -r filename` => It deletes the directory if it is not empty

`ln -s filename description` like `ln -s mahender.txt alinktothisfile`

`clear` is used to clean the terminal

`whoami` - tells who you are

`sudo useradd siraj`

`sudo adduser siraj`

`su austin` - for switching b/w the users

`exit` - from the user austin

`sudo passwd username` - to create passwords

`man` - help command

`zip mahender.zip mahender.txt` - to create a zip file for mahender.txt

`unzip mahender.zip`

`less` - is used to read the para at one time

`head` - to see beginning of the file

`tail` - to see end of the file

`curl websiteurl > mahender.txt`

`wget websiteurl`

`cmp bible.txt mahender.txt` => to compare the two files

`diff bible.txt mahender.txt` => says the diff b/w two files

`cat mahender.txt | sort` => to sort the files in alphabetical order

`chmod +x mahender.txt` => to execute the file name mahender.txt

`chmod 755 mahender.txt` => to have user to have read and write permissions and only read permissions to others and group

`chown austin mahender.txt` => to change the ownership for mahender.txt from mahender to austin

ifconfig => to know the ip address

ip address => to know the ip address in better way

ip address | grep eth0 => to know the ip address of only eth0

ping google.com => to communicate with google.com

uname => displays the system information

cal => gives calendar

free => to see how much memory is in your system

df => to see how much disk space you have

ps => to see stuff running on your system

history => to see the history

sudo reboot

sudo shutdown => shutdown machine in 1 min

sudo shutdownm -h now => to shut it now