

- 1.Redirect the output of `ls -l` to `file.txt`
- 2.Append the output of `dmesg` command to `file.txt`
- 3.Copy the content of `file.txt` to `new_file.txt`
- 4.Find number of lines in `new_file.txt`
- 5.Find all lines starting with 'd' in `file.txt`
- 6.Find 'cpu' character in `file.txt`
- 7.Find "CPU0",CPU1,CPU2, word in `file.txt`
- 8.Find "acpi" in `file.txt`
- 9.Find all words starting with '0x' and ending with 0 in `file.txt`

- 1.For testing Login on local PC server:

Steps to follow:

->Install the server

->check status of server

`sudo systemctl status ssh`

If status is not running run command: `sudo systemctl start ssh`

->Login to pc

`ssh username@127.0.0.1`

[Optional]

- 2.For testing Login to remote pc(Only for siddhant cloud instance):

Username:ubuntu

Ip address: 3.110.32.97

Hostname: `ec2-3-110-32-97.ap-south-1.compute.amazonaws.com`

Steps to follow:

->Download the key file from below url.

`http://3.110.32.97:3000/file`

->Move key file to your current directory

->Change permission of the key file

`chmod 400 file`

->then login

`ssh -i Key_file_name username@ip`

or

`ssh -i Key_file_name username@hostname`

- 3.Create `data.txt` on your pc and write your name in it.

- 4.Use `scp` command to copy it to Music folder of your pc