

# LINUX-1

login:

Console = Screen Terminal - Run on windows

25 people ~~that~~ could run single user.

Remote GUI connection Remote desktop tool  
(1) VNC and (2) RDP (only for windows)

↓  
• Screen sharing tool that also let the remote computer take control

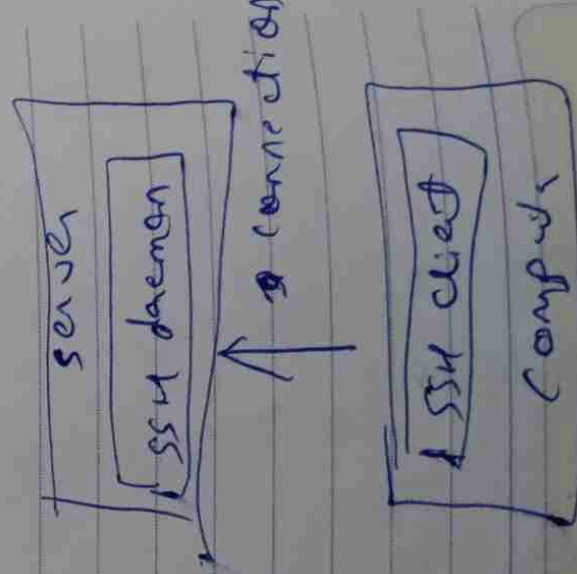
• port forwarding

→ SSH protocol via thar encryption to avoid data leak and the openssl daemon is build very carefully to avoid security bugs or pitfalls

→ IP we use like ip - a

to login

~~ssh~~ ssh username @ 191.21.0.0



## Linux Commands

ls --help



1) journalctl --help (To view system logs)

2) man journalctl 4) man man

3) find / -type d -name directory

sudo mandb - karna padega

apt-get install -s 1, 8 director

4) we can enter Tab twice for suggestions  
Enter Tab once for autocomplete.

PAUSE

\$ (Comments We need

1) ls 2) Use Tab 3) ls \*.txt 4) ls -la

for hidden files

5) cd 6) ~~cd /~~ cd / 7) cd /etc (to go to home directory)

8) mkdir backup/folder (folder will create in desktop)

9) touch a) rm 10) rm dir

11) mv myfile.txt backup /

12) cp document/myfile.txt backup/

13) rm \*.txt





pr-command ? ? ?

lp -ac, lp -c: print (copies of) file

→ lp -t lp -f specifies the name of printer

mail -s 'subject'  
-c 'cc-address'  
-b 'bcc-address'  
'to-address'

TO send email with attach

mail -s 'subject'  
to-address  
file name

env variable command

echo \$variable - to display value

env - displays all env variable

variable-name = var-name create a variable

unset = remove

export var name = value

✓ view magnet command

finger - show info of all the user logged in

sudo adduser manave = to add a user

## CONTINUE TO CODE



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ls -alh

```
cd / - Go to root directory
cd - go to previous directory
cd - go to home directory
```

Absolute path and relative path

# to copy complete directory

cp -r Repts / Backup of Repts /

# to move we use mv

mv old\_dir / new\_dir /

ln file nm -s directory /

Stat - To keep track of data using inode

1) Hard link:  
ln path to target file path to link file

Limitation

1) Only file can hardlink not folder

2) Can't hardlink on diff file system

3) Soft link

ln -s path to target path to link