

## Linux

ls - list Show তাত্ত্বিক

cd - Change directory

mkdir - make " "

touch — make file

nano — file এর সম্পাদনা করে

Cat — file এর উকি লিখা দেখতে

cp — file / dir → COPY

cp 1 2 → 1 কপি করো  
Hob

mv — file move করত

mv 2 1 — 2 করো  
Move করে

del 1 4 মাত্র আঁক 2 মাত্র করুন

clear — clear করুন

rm — remove

rm -r → remove folder.

**Napa® Rapid**

who am i → for check

uptime → time

cal → calendar

### Permission

sudo → super user "#"

\* New user account create

(1) Sudo useradd Name

\* create password

Sudo passwd Name

\* create group:

Sudo groupadd Name

\* Add user on group

Sudo usermod -a -G

groupname userna

Sudo Chown. Username : groupname -  
file name

Stat

\* user delete & user group  
use

Sudo userdel Name

Sudo usergroup groupname

## ~~\*~~ Permission - Change ~~\*~~

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sudo chmod 764 file name

\* Search file → (grep)

cat text name | grep Name

\* ~~short~~ Sort Command

Sort pass.txt

# Managing Process

& Task

Pause - Ctrl + Shift + Z

Continue - fg

Close - Ctrl + C

\*\* Top → Running → top  
process

\*\* Running Process off  
→ sudo kill (number)

\*\* User login running process  
→ PS UX

\* Ping

## SSH - FTP - TELNET

access other os system

SSH - Secure shell

# ssh -h

SSH username @ IP address

## FTP

ftp -h

ftp . ip address

Telnet telnet -h

telnet ip address

## SET UP IP Address & Internet

If config:

eth0 — lan port / ethernet port

lo — localhost

wlan — wifi card / external USB card

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Network Interface card

Down / Up

# Sudo ifconfig eth0 down

off [ctrl+r] [q]

# Sudo ifconfig \$ name up

## Manual IP Setup

ifconfig

Sudo - ifconfig wlx0 inet  
+ ip  
netmask address

u u a  
Netmask  
Broadcast

## Enumerate User systeminfo

hostnamectl → Information  
System

Change hostname -

sudo nano /etc/host  
name

## Install Software & Tools

Install

Package Manager - apt

→ sudo apt install (vlc)

Search - tool / app

sudo apt search vlc

vlc --help



manual

man ~~for~~ vlc

## vim

Edit A file :-

Insert → I

quit - Esc      w → save

:q, :wq

h → left, l → right, J - D, K = UP

Shift + y → last

Copy - Shift V - Shift

↳ Y

Shift Y  
write

Paste → P

DD → Delete line

D I w → word u

Difalt → Cd / user share / vim ls

vim , vimrc

Num line

vim rc

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line - Switch

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E<sup>sc</sup> + ~

line no — 2 & Z

shift - g