

# LINUX CLASS-1

By default we login as ec2-user in our system, but we are going to perform all actions in root user. because root user has full permissions.

command to login as root user : `sudo -i` (or) `sudo su -`

`sudo` : super user do

logout from root user : `exit`

WE HAVE DIFFERENT TYPES OF COMMANDS LINUX:

1. SYSTEM COMMANDS
2. HARDWARE COMMANDS
3. USER COMMANDS
4. FILE COMMANDS
5. PERMISSION COMMANDS
6. SEARCH COMMANDS
7. NETWORKING COMMANDS

1. **SYSTEM COMMANDS:** This commands will describe about the our system

- `uname` : used to get type of the OS
- `uname -r` : used to get kernel version of OS
- `uname -a` : used to get full info about our OS
- `uptime` : used to get our system running time along with no of users and load average
- `uptime -p` : used to get our system running time only
- `ip addr` : used to get ip address of our system
- `ifconfig` : used to get ip address of our system
- `ip route` : used to get ip address of our system
- `hostname -i` : used to get ip address of our system
- `hostname` : used to get system name
- `hostnamectl set-hostname mustafa` : used to change hostname
- `date` : used to get todays date
- `timedatectl` : used to get timezones of our system
- `timedatectl set-timezone Asia/Kolkata` : used to change time zone to IST

- date + "%d" : used to get date only
- date + "%m" : used to get month only
- date + "%y" : used to get year only
- date + "%H" : used to get hours only
- date + "%M" : used to get minutes only
- date + "%S" : used to get seconds only
- date + "%D" : used to get date in different format
- date + "%F" : used to get date only in different format
- date + "%A" : used to get week only
- date + "%B" : used to get month only