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 month 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