

# LINUX CLASS-2

## SYSTEM COMMANDS:

1. TO CHANGE HOSTNAME : `hostnamectl set-hostname flm-devops`
2. TO CHANGE TIME ZONE : `timedatectl set-timezone Asia/Kolkata`

## HARDWARE COMMANDS:

1. TO GET THE CPU INFO : `cat /proc/cpuinfo` (or) `lscpu`
2. TO GET THE MEM INFO : `cat /proc/meminfo` (or) `free` (or) `free -m`
3. TO GET LIST OF VOLUMES : `fdisk -l`
4. TO GET THE VOLUME INFO : `df -h`

## FILE COMMANDS:

1. TO CREATE A FILE : `touch filename`
2. TO CREATE MULTIPLE FILES : `touch aws azure gcp`
3. TO CREATE FILES IN SERIALIZED WAY : `touch file{1..7}`
4. TO SEE ALL THE FILES : `ll` (or) `ls`

### ll vs ls

- `ll` (long list) : used to give full info about files
- `ls` (short list) : used to give only file names

## REMOVING A FILE :

- `rm filename` : used to remove single file with permission
- `rm -f filename` : used to remove single file without permission

### HERE -f means forcefully

- `rm aws azure gcp` : used to remove multiple file with permission
- `rm -f aws azure gcp` : used to remove single file without permission
- `rm -f flm{1..8}` : used to remove 8 files without permission
- `rm -f *` : used to remove all files
- `rm -f A*` : used to remove files which are started with A\*
- `rm -f c*` : used to remove files which are started with c\*

## CREATING A FOLDER:

- `mkdir foldername` : used to create a directory
- HERE `mkdir` means make directory
- `mkdir aws azure gcp` : used to create multiple directories
- `mkdir srikanth{1..5}` : used to create 5 directories (srikanth1 to srikanth5)

## DELETING A FOLDER:

- `rmdir foldername` : used to remove single empty directory
- `rmdir aws azure gcp` : used to remove multiple empty directory
- `rmdir srikanth{1..5}` : used to remove srikanth empty directories
- `rmdir *` : used to remove all directories
- `rm -rf *` : used to remove all files & directories

