LINUX CLASS-2

HARDWARE COMMANDS:

- lscpu (or) cat /proc/cpuinfo : used to get cpu information
- free -m (or) cat /proc/meminfo: used to get RAM information
- df -h : used to get used, available memory of our system
- fdisk -l : used to get no of volumes that are attached to our system.

FILE COMMANDS:

- To create a file : **touch filename**

To see the list the of files: **ll** (or) **ls**

Diff b/w ll & ls

If we use ll, then we will get full information about files

If we use ls, then we will get only file names

- To create multiple files : **touch file1 file2 file3**
- To create files in sequential order : **touch file{1..7}**

REMOVE A FILE:

- To remove any file with permission : **rm filename**
- To remove multiple files with permissions: **rm file1 file2 file3**
- To remove any file without permission : **rm -f filename**
- To remove multiple files without permissions: **rm -f file1 file2 file3**
- To remove the files without our permission in sequential order : **rm -f file{1..7}**
- To remove all files without permissions : **rm -f * (here * means all)**
- To remove all files which are started with A letter: **rm -f a***
- To remove all .txt files : **rm -f *.txt**

DIRECTORY: (FOLDER)

To create a directory in linux we use mkdir command

mkdir : make directory

- To create a directory : mkdir directory_name
- To create multiple directories : mkdir folder1 folder2 folder3
- To create directories in sequential order : mkdir folder{1..8}

To remove empty directories : rmdir foldername

- To remove multiple empty directories : rmdir folder1 folder2 folder3
- To remove directories in sequential order : rmdir folder{1..5}
- To remove all directoires : rmdir *
- To remove all files & folder at the same time : **rm -rf ***
- To remove non-empty directories : rm -rf folder_name
- To remove multiple non-empty directories : rm -rf folder1 folder2 folder3

Here rm = remove

 rf = recursive forcefully

 * = all

HOW TO CHANGE DIRECTORIES (cd):

- cd folder1 : used to change the directories
- cd : used to go to root directory
- cd - : used to go to previous folder
- cd ../ : used to go to one folder back
- cd ../../ : used to go to 2 folders back