LINUX CLASS-6

OWNER COMMANDS:

- to change the user of a file : **chown user filename**
- to change group of a file : **chgrp group file**
- to change user and group at a time : **chown user:group filename**
- to change user & group to multiple files : **chown user:group file1 file2 file3**
- to change owners to folder only : **chown user:group folder**
- to change owners to files only in folder : **chown user:group folder/***
- to change owners to file & folder at a time : **chown -R user:group folder**

PERMISSION COMMANDS:

- to change the permissions of a file : **chmod 754 filename**
- to change permissions to multiple files : **chmod 777 file1 file2 file3**
- to change permissions to folder only : **chmod 654 folder**
- to change permissions to files only in folder : **chmod 567 folder/***
- to change permissions to file & folder at a time : **chmod -R 123 folder**

SEARCH COMMANDS: It is used to search for a file, To search for a file we have 2 commands

1. find command
2. locate command

FIND COMMAND:

SYNTAX: find path -name file_name

- **find . -name file** : used to find a file in current directory
- **find /proc/ -name filename** : used to find a file in proc directory

- **find . -type d -name folder** : used to find a folder in current director
- **find . -type f -name <file1.txt>** : used to find a file in current directory
- **find . -type f -perm 777** : Finds all the files whose permissions are 777 in the current directory
- **find . -type f ! -perm 777** : Finds all the files whose permissions are NOT 777 in the current directory
- **find / -user <username>** : Finds all the files specific user owned in / directory
- **find / -group groupname** : Finds all the files specific group owned in / directory

LOCATE COMMAND:

SYNTAX: locate filename

NOTE: If you are using locate command, we have to update the db of linux before performing locate command.

find vs locate : find commands will search as per the path that we mentioned in command, but locate command will search for a file on entire database.

TODAY'S TASK:

- Change the permissions of a files which are present in folder
- Change the permissions of a folder along with files which are present inside of a folder

SOME TIPS:

To delete a full command: ctrl + u

To cut the command : ctrl + k

To go to the starting of the command : ctrl + a

To go to the end of the command : ctrl + e

For reverse search : crtl + r

To see the history of commands: history