Linux commands

**ls =** show the all list

**ls –l =** show the all permission

**ls –a =** show hidden files

**cat =** create file & shows content in file

**touch =** create multiple files at a time

**pwd =** present working directory

**mkdir =** create directory

**mkdir –p =** create parent & child directory

**cd =** change directory

**cd .. =** go to one step back

**cd ../.. =** go to two steps back

**rm =** remove the files

**rmdir =** removedirectory

**rm -rf =** remove directoryforcefully

**uname**  **=** show the karnal name & version

**vi mode**

**vi (file name) =** create and edit file

**i =** enter inserte mode

**Esc =** enter command mode

**YY =** copy

**P =** paste

**:wq =** save

**Permission**

**chmod =** change mode

1. Symbolic mode

Syntax: chmod u+x,o+x,g+w file name

1. Decimal mode

Syntax : chmod 775 file name

**User management**

**useradd (username) =** create user

**passwd (username) =** give password to user

**su (username) =** enter into user

**grep username /etc/passwd =** show user details or properties

**grep username /etc/shadow =** show password properties

**usermod -L (username) =** lock to user

**usermod -U (username) =** unlock to user

**head /etc/passwd =**  display first 10 lines

**tail /etc/passwd =** display last 10 lines

**usermod -l new username old user name =** change user name

**userdel username =** delete user

**Group management**

**groupadd groupname =** create group

**gpasswd groupname =** give password to group

**grep groupname /etc/group =** see group properties

**grep groupname /etc/gshadow =** see password properties

**gpasswd -a username groupname =** adding user to group

**gpasswd -M username groupname =** adding multiple users to group

**gpasswd -d username groupname =** delete user from group

**groupmod -n newname oldname =** change group name

**groupdel groupname =** delete group

**head /etc/passwd =**  display first 10 lines

**tail /etc/passwd =** display last 10 lines