**LINUX COMMANDS PRACTICE**

Whoami

uname -s kernel name

uname -r release

uname -v version

uname -n node name

uname -p processor

usage

uptime

uptime -p pretty format

uptime -s

\*useradd

Useradd roy -d /home/roy adding roy in /home

Useradd roy -e 2018-05-30 from that date acct will be disabled

Useradd roy -f 6 can login for 6 days to change his passwd

Useradd roy -g staff set roy as staff

Userdel

Userdel loginname delete user account

Userdel -r loginname del account with home dir and all files

Userdel -f loginname when logged in

Usermod have to check this

Sleep 5 , 2m , 3h , 5d

Exit or logout

Reboot -p

Reboot -f forcibly

Passwd

Passwd -S display passwd status

Passwd -Sa display for all accounts

Passwd -d roy removing passwd of user

Passwd -e expiry immediately

Passwd -l roy lock

Passwd -u roy unlock

Ls list files

Ls -l lists all files with permission and dates

Ls -a shows hidden files with .

Ls -lh sizes in human readable format

Ls -F add / at end of each dir

Ls -R long listing dir

Ls -r reverse order

Ls -I inode num

Ls -version

Cd /usr/roy changes cd to roy

cd - move one dir back

cd .. curr dir to par dir

cd -- show last working dir

cd ../../ move two dir up

cd ~ move to users home dir

chmod r - 4 , w - 2 , e - 1

chmod 777 1st 7 user 2nd 7 group 3rd 7 everybody

chown have to check

mkdir 1 2 3 creates 1,2,3 directories

mkdir -p roy/roy1 creates roy1 dir under roy dir

pwd

rmdir -rf roy delete dir if it has files and sub dir

rm -I file deletes interactively

echo have to check its use

id UID AND GID

id -u roy UID

id -g roy GID

vi editor have to check this

cp copy

cp 1 2 3 /users/roy

cp -r dir /users/roy copy dir recursive

touch 1 2 3 creates multiple files

touch - c test avoids creating new files

cat file file1 displays contents

cat > roy.txt redircts

cat >> roy.txt appends

cat file1 > file 2 copies content

tail file displays last 10 lines

less command have to check this

zip file1 file2

ls archive.zip

unzip archive.zip

zip -d archive.zip file1

gzip compresses and deltes old file

gzip -c file keeping original file

gunzip file.gz uncompress

gzip -r file.gz compress all files

gunzip -r file.gz uncompress

gzip -fast file.txt compress fastly

tar have to check

ln -s path of original file path of soft link file to create soft link

ln path of original file path of soft link file hard link

top - show processes sorted

when top is running press M for memory , R reverse , k kill

scp source file path destination file path send file from local to remote

wget - download

wget -c resume download

wget -b download file in back ground

curl <http://www.google.com> > google.html redirects web content to html file

du -a disk uage of all files

du -ah

du -ahc grand total

du -sh only total

df file system d

vmstat memory usage

vmstat -a active memory