Tuesday, 21 May 2024

Basic Uniux Terminal Commands (BASH) :

Directories :

Command Name	Command function
cd (directory name)	Changes to that directory
cd ~	Changes to the main directory
rm –r (directory name)	Removes that directory
pwd	Lists current directory
ls	Lists all directories

Files :

Command Name	Command Function
Touch (File name)	CRETES NEW FILE
cp (file name) (destination directory)	COPIES FILE TO THAT LOCATION WITHOUT MOVING IT
mv (file name) (destination directory)	MOVES THE FILE COMPLETELY TO THAT LOCATION
mv (initial directory/file name) (destination directory)	MOVES FILE FROM ONE DIRECTORY TO ANOTHER
rm -r (initial directory/file name)	REMOVES FILE IN ANOTHER DIRECTORY
cat (file location/name)	SHOWS CONTENT OF FILE
nano (file name)	OPENS A TEXT EDITOR
echo "content" > (new file name)	WRITES CONTENT INSIDE A FILE (YOU SHOULD BE INSIDE THE DIRECTORY)

System Information :

Command Name	Command Function
uname	shows system information
df -h	displays disk usage space
top	displays active processes in real time (don't use)
ps aux	displays current running processes
kill PID	— — — — — — — — — — —
killall (process name)	— — — — — — — — — — —

Networking :

Command Name	Command Function
ifconfig	uk the drill
ip a	shows all IP address
ping (website name/ip address)	to check whether it is active or not
nmap (IP adress)	Tells all the active ports

Packet Management :

Command Name	Command Function
apt update	— — — — — — — — — — —
apt upgrade	— — — — — — — — — — —
apt install (packet)	— — — — — — — — — — —
apt remove (packet)	— — — — — — — — — — —

User Management :

Command Name	Command Function
adduser (new username)	adds a new user
passwd (username)	changes the password of the user
su (username)	switches user
sudo (command)	does the command as another user

OTHER COMMANDS:

Command Name	Command Function
grep (pattern) (file)	search for a pattern in file
chmod 755 (file)	changes file permission
find (path) (filename)	searches for file
history	shows history
clear	clears terminal