LINUX COMMANDS

# hostname -🡪 to display system hostname

#uptime 🡪Display system uptime

#w summary of every user logged into a system

#users 🡪 Shows the user names of those currently logged in to the current host

#whoami the name of the current user

#Ls—List of information about the files and current directories

#pwd displays current working directory

#Mkdir –used to make a new directory

#touch – create an empty file

#cat – allows us to create a view of the file

#Vi to create or edit a file

#Cp –used to copy files or directories

#MV –used to move files or directories

#More –used to view more

#less ----used to view the contents of a file one screen at a time

#sort ----prints the file list in a sorted order

#free ----displays the total amount of free & used memory and swap memory in the system

#top ---🡪 is a task manager program; shows all the proceses running, sleeping, stopped, etc. Also shows the CPU & Memory usage

#Ps displays current running processes, (ps -ef or ps -a ) also works

#Kill to send signals to running processes

#find ---🡪 a command utility that searches in directory trees of a file system

#grep --- searching plain-text data sets for lines that match

#Lsof ---used to find out which processes are opened

#tar (Tape archive)

#tar -cvf archive.tar testdir/ (or to remove the file from archive use) #tar -xvf archive.tar testdir/

#useradd ---crate new users or update default new information

#passwd --🡪 a tool used to change a user’s password

#chmod –used to change the access permission of a file or directory

Df (disk free) 🡪 used to display information related to file systems about total space and available space. (df -h)

#uname 🡪 used to know the

#umount 🡪 used to unmount the file system i.e #umount /dev/mapper/centos-home

#lvremove -🡪 used to remove a logical volume i.e #lvremove /dev/centos

#lvcreate used to create a logical volume

i.e, to create a new 14GB logical volume for /home; #lvcreate -L 14GB -n home centos

#mkfs.xfs --- constructs an XFS filesystem i.e, to format the logical volume /home using mkfs.xfs

#mkfs.xfs /dev/centos/home

#mount used to mount the created file systems or storage device. i.e, to mount the /home

#mount /dev/centos/home

#blkid -🡪 displays information about available block devices i.e #blkid /dev/centos/home

#lvextend used to increase the logical volume size i.e, to extend the /root partition using “lvextend”

#lvextend -r -l +100Ffree /dev/centos/root

#yum ----. used to install