

Command	Example Syntax	Description
cd		change directory
mkdir		create directory
mv		move/rename
rm	rm -rf sha* [-r=remove directory]	remove files/folder
rmdir		remove empty directory
cp	[-r=copy directory]	copy file
df	df -h	disk free
du	du -h -c filename	disk usage
find	find /etc -name filename	find files
chgrp		change group ownership for files
chown		change user ownership for files
chmod		change file & folder permission
dd	dd if=/dev/zero of=bigfile1 bs=1000KB count=1	performs conversion while copying
ln	ln -s /usr/opt/misc [-s=symboic link]	make file links
ls		show directory context
touch	touch filename time streams	create file & modify file
kmenuedit		In graphical mode open kde menueditor
kudzu		new hardware detection tool
free	free -h	total ram & uses
pwd		present working directory
cal	cal -y	calendar
mke2fs	mketfs /dev/fd0	
mkfs	mkfs -t vfat /dev/hda6	formatting
Fsck	fsck -a /dev/hda7	linux filesystem check, -a=autamatic, -n
e2fsck		file system check

fdisk	fdisk /dev/hda	partition tool
eject	eject -t	cdrom open in command
locate	locate filename ; locate -u ; updatedb	search for file
find	find / -name filename -print	find a particular file
fdformat	fdformat /dev/fd0	lowlevel floppy format
rm	rm -rf /	Danger, delete all file and folder
finger		when user login
which		which program name to show program address
e2label	e2label /dev/hda2 newlabel "must edit fstab"	partition label change
tune2fs	tune2fs -j /dev/hda8	convert ext2 ---> ext3
chkconfig	chkconfig nfs on	service automatic start/stop at boot time
	chkconfig --level35 named on	
tail	tail -l 1 -f /var/log/httpd/apache/error_log	(realtime logging information show) print the last record of the error file
lspci, lsmod	show pci information	
chsh	chsh -s /bin/bash username	change user login shall
w		who is logged & what they do
tr	tr 'A-Z' 'a-z' < .bash_profile	
mknod	mknod filename	b,c 2 1 create block or cha device
apm	apm -vVmsS	s=suspend advanced power management
modinfo	modinfo module name	(information of module)
ls	ls filename	to show list
grep	grep `^[A-B]` filename	
file	file <filename>	to show file description
head	head file1 file2	compare two files

stat	stat file	to show file description (full)
type	type ls,,man,,more	location of command
cut	cut /etc/passwd cut -d : -f 1	
hotplug		configure usb, memory stick
lsusb	to show selcted usb	
cleanlinks		remove dangling symbolic link & empty directory
df	df -h	disk free ; -h=human readable
who	who -imh	-i=login time; -m=current user;-h=header
switchdesk	switchdesk kde	;graphical & text mode interface for choosing desktop environment
uname	uname -r	-r=kernel version
date	date -s yy-month-d date -s h:minuite	
chage	chage [options] user name	change user password expiry information
apropos	apropos command name	search the whatis database for strings
skill	skill -KILL -u masum skill -STOP -u karim skill -CONT -u karim skill -KILL -v /dev/pts/*	How to kill and logout user called masum? How to halt/stop user called karim? How to resume already halted user called karim?Kill and logout all users.