**SHELL COMMANDS**

**Cal Command:**

[it@localhost ~]$ cal

July 2017

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

[it@localhost ~]$ cal -1

July 2017

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

[it@localhost ~]$ cal -3

June 2017 July 2017 August 2017

Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa

1 2 3 1 1 2 3 4 5

4 5 6 7 8 9 10 2 3 4 5 6 7 8 6 7 8 9 10 11 12

11 12 13 14 15 16 17 9 10 11 12 13 14 15 13 14 15 16 17 18 19

18 19 20 21 22 23 24 16 17 18 19 20 21 22 20 21 22 23 24 25 26

25 26 27 28 29 30 23 24 25 26 27 28 29 27 28 29 30 31

30 31

[it@localhost ~]$ cal -s

July 2017

Su Mo Tu We Th Fr Sa

1

2 3 4 5 6 7 8

9 10 11 12 13 14 15

16 17 18 19 20 21 22

23 24 25 26 27 28 29

30 31

[it@localhost ~]$ cal -m

July 2017

Mo Tu We Th Fr Sa Su

1 2

3 4 5 6 7 8 9

10 11 12 13 14 15 16

17 18 19 20 21 22 23

24 25 26 27 28 29 30

31

[it@localhost ~]$ cal -j

July 2017

Sun Mon Tue Wed Thu Fri Sat

182

183 184 185 186 187 188 189

190 191 192 193 194 195 196

197 198 199 200 201 202 203

204 205 206 207 208 209 210

211 212

[it@localhost ~]$ cal -y

2017

January February March

Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa

1 2 3 4 5 6 7 1 2 3 4 1 2 3 4

8 9 10 11 12 13 14 5 6 7 8 9 10 11 5 6 7 8 9 10 11

15 16 17 18 19 20 21 12 13 14 15 16 17 18 12 13 14 15 16 17 18

22 23 24 25 26 27 28 19 20 21 22 23 24 25 19 20 21 22 23 24 25

29 30 31 26 27 28 26 27 28 29 30 31

April May June

Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa

1 1 2 3 4 5 6 1 2 3

2 3 4 5 6 7 8 7 8 9 10 11 12 13 4 5 6 7 8 9 10

9 10 11 12 13 14 15 14 15 16 17 18 19 20 11 12 13 14 15 16 17

16 17 18 19 20 21 22 21 22 23 24 25 26 27 18 19 20 21 22 23 24

23 24 25 26 27 28 29 28 29 30 31 25 26 27 28 29 30

30

July August September

Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa

1 1 2 3 4 5 1 2

2 3 4 5 6 7 8 6 7 8 9 10 11 12 3 4 5 6 7 8 9

9 10 11 12 13 14 15 13 14 15 16 17 18 19 10 11 12 13 14 15 16

16 17 18 19 20 21 22 20 21 22 23 24 25 26 17 18 19 20 21 22 23

23 24 25 26 27 28 29 27 28 29 30 31 24 25 26 27 28 29 30

30 31

October November December

Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa Su Mo Tu We Th Fr Sa

1 2 3 4 5 6 7 1 2 3 4 1 2

8 9 10 11 12 13 14 5 6 7 8 9 10 11 3 4 5 6 7 8 9

15 16 17 18 19 20 21 12 13 14 15 16 17 18 10 11 12 13 14 15 16

22 23 24 25 26 27 28 19 20 21 22 23 24 25 17 18 19 20 21 22 23

29 30 31 26 27 28 29 30 24 25 26 27 28 29 30

31

[it@localhost ~]$ cal -V

cal from util-linux-ng 2.16

[it@localhost ~]$

**mkdir:**

[it@localhost ~]$ mkdir testDirectory

[it@localhost ~]$ mkdir -p test

**cd:**

[it@localhost ~]$ cd testDirectory

[it@localhost testDirectory]$ cd ..

[it@localhost ~]$

**touch:**

[it@localhost ~]$ touch testDirectory

**ls:**

[it@localhost ~]$ ls

a.out Desktop prime\_seq.sh String\_Operation.sh~

book.cpp Documents prime\_seq.sh~ Templates

book.cpp~ Downloads prime.sh test

com.c inheritance.cpp prime.sh~ test.c

demoAbnormal.c inheritance.cpp~ Public test.c~

demoAbnormal.c~ manali.c search.c testDirectory

demo.c manali.c~ search.c~ trial.c

demo.c~ Music selection.c Videos

demoOrphan.c Naman sp.c wr.cpp

demoOrphan.c~ Pictures string.c wr.cpp~

demoZombie.c prime\_composite.sh string.c~

demoZombie.c~ prime\_composite.sh~ String\_Operation.sh

[it@localhost ~]$ ls -l

total 188

-rwxrwxr-x. 1 it it 7392 2017-07-19 00:25 a.out

-rw-rw-r--. 1 it it 3446 2016-08-05 09:45 book.cpp

-rw-rw-r--. 1 it it 3446 2016-08-05 09:38 book.cpp~

-rw-rw-r--. 1 it it 115 2016-08-04 08:41 com.c

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c~

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c~

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c~

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c~

drwxr-xr-x. 2 it it 4096 2016-08-05 17:10 Desktop

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Documents

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Downloads

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp~

-rw-rw-r--. 1 it it 1143 2016-08-08 08:58 manali.c

-rw-rw-r--. 1 it it 1067 2016-08-08 08:55 manali.c~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Music

drwxrwxr-x. 2 it it 4096 2017-07-22 10:56 Naman

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Pictures

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh~

-rw-rw-r--. 1 it it 376 2017-07-05 00:30 prime\_seq.sh

-rw-rw-r--. 1 it it 365 2017-07-04 23:16 prime\_seq.sh~

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Public

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c~

-rw-rw-r--. 1 it it 19 2016-09-01 10:39 selection.c

-rw-rw-r--. 1 it it 19 2016-08-22 19:35 sp.c

-rw-rw-r--. 1 it it 955 2016-08-04 11:53 string.c

-rw-rw-r--. 1 it it 739 2016-08-04 11:40 string.c~

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Templates

drwxrwxr-x. 2 it it 4096 2017-07-22 11:17 test

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c~

drwxrwxr-x. 2 it it 4096 2017-07-22 11:24 testDirectory

-rw-rw-r--. 1 it it 167 2017-07-19 00:32 trial.c

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Videos

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp~

[it@localhost ~]$ ls -all

total 328

drwx------. 33 it it 4096 2017-07-22 18:59 .

drwxr-xr-x. 5 root root 4096 2013-04-04 03:02 ..

-rwxrwxr-x. 1 it it 7392 2017-07-19 00:25 a.out

-rw-------. 1 it it 1408 2017-07-22 00:43 .bash\_history

-rw-r--r--. 1 it it 18 2009-09-16 03:15 .bash\_logout

-rw-r--r--. 1 it it 176 2009-09-16 03:15 .bash\_profile

-rw-r--r--. 1 it it 124 2009-09-16 03:15 .bashrc

-rw-rw-r--. 1 it it 3446 2016-08-05 09:45 book.cpp

-rw-rw-r--. 1 it it 3446 2016-08-05 09:38 book.cpp~

drwxr-xr-x. 3 it it 4096 2016-08-03 17:55 .cache

drwxrwxr-x. 2 it it 4096 2016-08-03 17:18 .ccache

-rw-rw-r--. 1 it it 115 2016-08-04 08:41 com.c

drwxr-xr-x. 5 it it 4096 2016-08-03 17:15 .config

drwx------. 3 it it 4096 2016-08-03 12:43 .dbus

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c~

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c~

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c~

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c~

drwxr-xr-x. 2 it it 4096 2016-08-05 17:10 Desktop

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Documents

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Downloads

-rw-------. 1 it it 16 2016-08-03 12:43 .esd\_auth

drwx------. 4 it it 4096 2017-07-22 18:49 .gconf

drwx------. 2 it it 4096 2017-07-22 19:00 .gconfd

drwxr-xr-x. 7 it it 4096 2017-07-22 18:58 .gnome2

drwx------. 2 it it 4096 2016-08-03 12:43 .gnome2\_private

drwxrwxr-x. 3 it it 4096 2016-08-03 12:44 .gnote

drwx------. 2 it it 4096 2017-07-22 18:49 .gnupg

drwxrwxr-x. 2 it it 4096 2016-08-03 12:44 .gstreamer-0.10

-rw-rw-r--. 1 it it 122 2017-07-22 18:50 .gtk-bookmarks

dr-x------. 2 it it 0 2017-07-22 18:49 .gvfs

-rw-------. 1 it it 6200 2017-07-22 18:49 .ICEauthority

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp~

drwxr-xr-x. 3 it it 4096 2016-08-03 12:43 .local

-rw-rw-r--. 1 it it 1143 2016-08-08 08:58 manali.c

-rw-rw-r--. 1 it it 1067 2016-08-08 08:55 manali.c~

drwx------. 3 it it 4096 2017-07-16 21:31 .mission-control

drwxr-xr-x. 4 it it 4096 2013-04-04 05:35 .mozilla

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Music

drwxrwxr-x. 2 it it 4096 2017-07-22 10:56 Naman

drwxr-xr-x. 2 it it 4096 2016-08-03 12:44 .nautilus

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Pictures

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh~

-rw-rw-r--. 1 it it 376 2017-07-05 00:30 prime\_seq.sh

-rw-rw-r--. 1 it it 365 2017-07-04 23:16 prime\_seq.sh~

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Public

drwx------. 2 it it 4096 2016-08-03 12:44 .pulse

-rw-------. 1 it it 256 2016-08-03 12:43 .pulse-cookie

-rw-------. 1 it it 6015 2017-07-19 00:32 .recently-used.xbel

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c~

-rw-rw-r--. 1 it it 19 2016-09-01 10:39 selection.c

-rw-rw-r--. 1 it it 19 2016-08-22 19:35 sp.c

drwx------. 2 it it 4096 2016-08-03 12:43 .ssh

-rw-rw-r--. 1 it it 955 2016-08-04 11:53 string.c

-rw-rw-r--. 1 it it 739 2016-08-04 11:40 string.c~

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Templates

drwxrwxr-x. 2 it it 4096 2017-07-22 11:17 test

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c~

dr---w---x. 2 it it 4096 2017-07-22 11:24 testDirectory

drwxrwxr-x. 2 it it 4096 2017-07-22 18:59 text.txt

drwx------. 3 it it 4096 2017-07-16 21:31 .thumbnails

-rw-rw-r--. 1 it it 167 2017-07-19 00:32 trial.c

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Videos

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp~

-rw-------. 1 it it 3219 2017-07-22 19:01 .xsession-errors

-rw-------. 1 it it 5857 2017-07-22 11:44 .xsession-errors.old

**stat:**

[it@localhost ~]$ stat pqr

stat: cannot stat `pqr': No such file or directory

[it@localhost ~]$ stat test

File: `test'

Size: 4096 Blocks: 8 IO Block: 4096 directory

Device: 805h/2053d Inode: 57237 Links: 2

Access: (0775/drwxrwxr-x) Uid: ( 501/ it) Gid: ( 501/ it)

Access: 2017-07-22 11:17:13.152817070 -0700

Modify: 2017-07-22 11:17:01.239412431 -0700

Change: 2017-07-22 11:17:01.239412431 -0700

**echo:**

[it@localhost ~]$ echo HELLO... HI..

HELLO... HI..

[it@localhost ~]$ echo -n HELLO...HI..

HELLO...HI..[it@localhost ~]$

**chmod:**

[it@localhost ~]$ chmod 421 testDirectory

[it@localhost ~]$ ls -l

total 192

-rwxrwxr-x. 1 it it 7392 2017-07-19 00:25 a.out

-rw-rw-r--. 1 it it 3446 2016-08-05 09:45 book.cpp

-rw-rw-r--. 1 it it 3446 2016-08-05 09:38 book.cpp~

-rw-rw-r--. 1 it it 115 2016-08-04 08:41 com.c

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c

-rw-rw-r--. 1 it it 2709 2017-07-19 00:26 demoAbnormal.c~

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c

-rw-rw-r--. 1 it it 2688 2017-07-18 23:06 demo.c~

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c

-rw-rw-r--. 1 it it 2665 2017-07-19 00:26 demoOrphan.c~

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c

-rw-rw-r--. 1 it it 2842 2017-07-19 00:26 demoZombie.c~

drwxr-xr-x. 2 it it 4096 2016-08-05 17:10 Desktop

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Documents

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Downloads

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp

-rw-rw-r--. 1 it it 2125 2016-08-08 19:05 inheritance.cpp~

-rw-rw-r--. 1 it it 1143 2016-08-08 08:58 manali.c

-rw-rw-r--. 1 it it 1067 2016-08-08 08:55 manali.c~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Music

drwxrwxr-x. 2 it it 4096 2017-07-22 10:56 Naman

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Pictures

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh

-rw-rw-r--. 1 it it 624 2017-07-05 00:30 prime\_composite.sh~

-rw-rw-r--. 1 it it 376 2017-07-05 00:30 prime\_seq.sh

-rw-rw-r--. 1 it it 365 2017-07-04 23:16 prime\_seq.sh~

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh

-rw-rw-r--. 1 it it 209 2017-07-05 00:31 prime.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Public

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c

-rw-rw-r--. 1 it it 938 2016-08-23 08:56 search.c~

-rw-rw-r--. 1 it it 19 2016-09-01 10:39 selection.c

-rw-rw-r--. 1 it it 19 2016-08-22 19:35 sp.c

-rw-rw-r--. 1 it it 955 2016-08-04 11:53 string.c

-rw-rw-r--. 1 it it 739 2016-08-04 11:40 string.c~

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh

-rw-rw-r--. 1 it it 1023 2017-07-05 00:30 String\_Operation.sh~

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Templates

drwxrwxr-x. 2 it it 4096 2017-07-22 11:17 test

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c

-rw-rw-r--. 1 it it 423 2017-07-13 02:24 test.c~

**dr---w---x. 2 it it 4096 2017-07-22 11:24 testDirectory**

drwxrwxr-x. 2 it it 4096 2017-07-22 18:59 text.txt

-rw-rw-r--. 1 it it 167 2017-07-19 00:32 trial.c

drwxr-xr-x. 2 it it 4096 2016-08-03 12:43 Videos

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp

-rw-rw-r--. 1 it it 1681 2016-08-05 18:24 wr.cpp~

**cat:**

[it@localhost testDirectory]$ cat test.txt

cat: test.txt: No such file or directory

[it@localhost testDirectory]$ cat > test.txt

Hi..Hello

This is a file.

A File for testing

File is used as testing file[it@localhost testDirectory]$ cat test.txt

Hi..Hello

This is a file.

A File for testing

File is used as testing file[it@localhost testDirectory]$

[it@localhost testDirectory]$ cat -b test.txt

1 Hi..Hello

2 This is a file.

3 A File for testing

4 File is used as testing file[it@localhost testDirectory]$

[it@localhost testDirectory]$ cat -E test.txt

Hi..Hello$

This is a file.$

A File for testing$

File is used as testing file[it@localhost testDirectory]$

**grep:**

[it@localhost testDirectory]$ grep file test.txt

This is a file.

File is used as testing file

[it@localhost testDirectory]$ grep File test.txt

A File for testing

File is used as testing file

[it@localhost testDirectory]$

it@localhost testDirectory]$ grep -V test.txt

GNU grep 2.5.3

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This is free software; see the source for copying conditions. There is NO

warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

[it@localhost testDirectory]$ grep -i file test.txt

This is a file.

A File for testing

File is used as testing file

[it@localhost testDirectory]$ grep -v file test.txt

Hi..Hello

A File for testing

[it@localhost testDirectory]$ grep -c file test.txt

2

[it@localhost testDirectory]$ grep -H file test.txt

test.txt:This is a file.

test.txt:File is used as testing file

**ps:**

it@localhost testDirectory]$ ps

PID TTY TIME CMD

2013 pts/1 00:00:00 bash

2299 pts/1 00:00:00 grep

2313 pts/1 00:00:00 ps

[it@localhost testDirectory]$ ps -A

PID TTY TIME CMD

1 ? 00:00:01 init

2 ? 00:00:00 kthreadd

3 ? 00:00:00 migration/0

4 ? 00:00:00 ksoftirqd/0

5 ? 00:00:00 watchdog/0

6 ? 00:00:00 events/0

7 ? 00:00:00 cpuset

8 ? 00:00:00 khelper

9 ? 00:00:00 netns

10 ? 00:00:00 async/mgr

11 ? 00:00:00 kintegrityd/0

12 ? 00:00:00 kblockd/0

13 ? 00:00:00 kacpid

14 ? 00:00:00 kacpi\_notify

15 ? 00:00:00 kacpi\_hotplug

16 ? 00:00:04 ata/0

17 ? 00:00:00 ata\_aux

18 ? 00:00:00 ksuspend\_usbd

19 ? 00:00:00 khubd

20 ? 00:00:00 kseriod

21 ? 00:00:00 khungtaskd

22 ? 00:00:00 pdflush

23 ? 00:00:00 pdflush

24 ? 00:00:00 kswapd0

25 ? 00:00:00 ksmd

26 ? 00:00:00 aio/0

27 ? 00:00:00 crypto/0

32 ? 00:00:00 pciehpd

34 ? 00:00:00 scsi\_eh\_0

35 ? 00:00:01 scsi\_eh\_1

37 ? 00:00:00 kpsmoused

38 ? 00:00:00 kstriped

39 ? 00:00:00 ksnapd

40 ? 00:00:00 usbhid\_resumer

194 ? 00:00:00 mpt\_poll\_0

195 ? 00:00:00 mpt/0

209 ? 00:00:00 scsi\_eh\_2

231 ? 00:00:00 kjournald2

258 ? 00:00:00 kauditd

324 ? 00:00:00 udevd

509 ? 00:00:00 kgameportd

592 ? 00:00:00 kmpathd/0

593 ? 00:00:00 kmpath\_handlerd

637 ? 00:00:00 kjournald2

638 ? 00:00:00 kjournald2

767 ? 00:00:00 udevd

947 ? 00:00:00 vmmemctl

1098 ? 00:00:06 vmtoolsd

1186 ? 00:00:00 auditd

1188 ? 00:00:00 audispd

1189 ? 00:00:00 sedispatch

1204 ? 00:00:00 rsyslogd

1222 ? 00:00:00 rpcbind

1235 ? 00:00:00 dbus-daemon

1245 ? 00:00:00 avahi-daemon

1246 ? 00:00:00 avahi-daemon

1267 ? 00:00:00 acpid

1275 ? 00:00:00 hald

1278 ? 00:00:00 console-kit-dae

1343 ? 00:00:00 hald-runner

1371 ? 00:00:00 hald-addon-inpu

1389 ? 00:00:01 hald-addon-stor

1390 ? 00:00:00 hald-addon-stor

1391 ? 00:00:00 hald-addon-acpi

1407 ? 00:00:00 pcscd

1422 ? 00:00:00 NetworkManager

1426 ? 00:00:00 modem-manager

1437 ? 00:00:00 rpc.statd

1462 ? 00:00:00 wpa\_supplicant

1463 ? 00:00:00 dhclient

1472 ? 00:00:00 rpciod/0

1479 ? 00:00:00 rpc.idmapd

1494 ? 00:00:00 sshd

1529 ? 00:00:00 abrtd

1543 ? 00:00:00 crond

1561 ? 00:00:00 atd

1590 ? 00:00:00 gdm-binary

1591 tty4 00:00:00 mingetty

1592 tty5 00:00:00 mingetty

1593 tty2 00:00:00 mingetty

1594 tty3 00:00:00 mingetty

1595 tty6 00:00:00 mingetty

1597 ? 00:00:00 udevd

1615 ? 00:00:00 sendmail

1617 ? 00:00:00 sendmail

1639 ? 00:00:00 gdm-simple-slav

1640 tty1 00:02:13 Xorg

1658 ? 00:00:00 dbus-launch

1664 ? 00:00:00 devkit-power-da

1701 ? 00:00:00 polkitd

1711 ? 00:00:00 rtkit-daemon

1716 ? 00:00:00 gdm-session-wor

1749 ? 00:00:00 gnome-keyring-d

1758 ? 00:00:00 gnome-session

1767 ? 00:00:00 dbus-launch

1768 ? 00:00:00 dbus-daemon

1801 ? 00:00:00 gconfd-2

1809 ? 00:00:01 gnome-settings-

1810 ? 00:00:00 seahorse-daemon

1817 ? 00:00:00 gvfsd

1829 ? 00:00:03 metacity

1830 ? 00:00:00 gvfs-fuse-daemo

1840 ? 00:00:01 gnome-panel

1841 ? 00:00:03 pulseaudio

1848 ? 00:00:00 gconf-helper

1849 ? 00:00:03 nautilus

1851 ? 00:00:00 bonobo-activati

1855 ? 00:00:06 vmware-user-loa

1856 ? 00:00:00 nm-applet

1858 ? 00:00:00 gnome-power-man

1860 ? 00:00:00 bluetooth-apple

1861 ? 00:00:00 gpk-update-icon

1862 ? 00:00:00 gdu-notificatio

1869 ? 00:00:00 gnome-volume-co

1872 ? 00:00:00 restorecond

1874 ? 00:00:00 notification-da

1877 ? 00:00:00 polkit-gnome-au

1879 ? 00:00:00 python

1885 ? 00:00:00 abrt-applet

1887 ? 00:00:00 seapplet

1890 ? 00:00:00 devkit-disks-da

1893 ? 00:00:01 devkit-disks-da

1894 ? 00:00:00 gnome-screensav

1897 ? 00:00:01 wnck-applet

1900 ? 00:00:00 trashapplet

1905 ? 00:00:00 gvfsd-trash

1909 ? 00:00:00 gvfs-gdu-volume

1911 ? 00:00:00 gvfs-gphoto2-vo

1914 ? 00:00:00 gnote

1917 ? 00:00:00 clock-applet

1920 ? 00:00:00 gdm-user-switch

1923 ? 00:00:00 notification-ar

1943 ? 00:00:00 gvfsd-burn

1946 ? 00:00:00 gvfsd-metadata

1971 ? 00:00:18 gnome-terminal

1972 ? 00:00:00 gnome-pty-helpe

1973 pts/0 00:00:00 bash

1992 pts/0 00:00:00 man

1995 pts/0 00:00:00 sh

1996 pts/0 00:00:00 sh

2001 pts/0 00:00:00 less

2013 pts/1 00:00:00 bash

2065 pts/0 00:00:00 man

2068 pts/0 00:00:00 sh

2069 pts/0 00:00:00 sh

2076 pts/0 00:00:00 less

2088 ? 00:00:00 gvfsd-computer

2144 pts/0 00:00:00 man

2147 pts/0 00:00:00 sh

2148 pts/0 00:00:00 sh

2155 pts/0 00:00:00 less

2173 pts/0 00:00:00 man

2176 pts/0 00:00:00 sh

2177 pts/0 00:00:00 sh

2184 pts/0 00:00:00 less

2253 pts/0 00:00:00 man

2256 pts/0 00:00:00 sh

2257 pts/0 00:00:00 sh

2262 pts/0 00:00:00 less

2299 pts/1 00:00:00 grep

2316 pts/0 00:00:00 man

2319 pts/0 00:00:00 sh

2320 pts/0 00:00:00 sh

2327 pts/0 00:00:00 less

2339 pts/1 00:00:00 ps

[it@localhost testDirectory]$

[it@localhost testDirectory]$ ps r

PID TTY STAT TIME COMMAND

2013 pts/1 Rs 0:00 bash

2352 pts/1 R+ 0:00 ps r

**pwd:**

[it@localhost ~]$ pwd

/home/it

**cp:**

[it@localhost ~]$ cp test.txt test1.txt

[it@localhost ~]$ cat test1.txt

1 Naman TE 65%

2 Shubham SE 72%

[it@localhost ~]$

**mv:**

[it@localhost ~]$ mv test1.txt testDirectory

[it@localhost ~]$ ls testDirectory

test1.txt test.txt

[it@localhost ~]$

**Wc:**

[it@localhost ~]$ cat > test.txt

Hii..

Bye..

Hello..

Good Day

Night..

[it@localhost ~]$ wc test.txt

5 6 37 test.txt

[it@localhost ~]$

**Sort:**

[it@localhost ~]$ sort -r test.txt

Night..

Hii..

Hello..

Good Day

Bye..

[it@localhost ~]$

**Piped:**

it@localhost ~]$ cat test.txt | wc

5 6 37

[it@localhost ~]$ cat test.txt | sort

Bye..

Good Day

Hello..

Hii..

Night..

[it@localhost ~]$ cat test.txt | grep -i a

Good Day

[it@localhost ~]$