

```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$
```



```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
```

```
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
```

```
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
```

```
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
```

```
sep-03  sep-04
```

```
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd sep-03
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ ls
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ nano linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cat linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd sep-03
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ ls
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ nano linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cat linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cd ..
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-03 Sep-03-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-04 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ █
```



```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd sep-03
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ ls
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ nano linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cat linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cd ..
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-03 Sep-03-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-04 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ pwd
/home/sarananan-k/Freshers
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```

```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd sep-03
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ ls
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ nano linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cat linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cd ..
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-03 Sep-03-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-04 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ pwd
/home/sarananan-k/Freshers
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cp Sep-03-2024/linux-cmds.txt Sep-04-2024/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls Sep-04-2024/
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```


sarananan-k@ThinkPad-E15-Gen-2: ~/Freshers

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```
sarananan-k@ThinkPad-E15-Gen-2:~$ mkdir Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls
Desktop  Documents  Downloads  Freshers  Music  Pictures  Public  snap  Templates  Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ cd Freshers/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mkdir sep-03 sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ touch sep-03/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
sep-03  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd sep-03
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ ls
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ nano linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cat linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers/sep-03$ cd ..
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-03 Sep-03-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  sep-04
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ mv sep-04 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls
Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ pwd
/home/sarananan-k/Freshers
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cp Sep-03-2024/linux-cmds.txt Sep-04-2024/
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls Sep-04-2024/
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ grep "nano" Sep-03-2024/linux-cmds.txt
To Edit a text file we can use nano editor
$ nano file.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```


ActivitiesTerminal

Sep 3 18:14

sarananan-k@ThinkPad-E15-Gen-2: ~/Freshers

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\$ nano file.txt

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$ top

top - 18:14:30 up 8:19, 1 user, load average: 0.18, 0.17, 0.20

Tasks: 339 total, 1 running, 338 sleeping, 0 stopped, 0 zombie

%Cpu(s): 0.6 us, 0.2 sy, 0.0 ni, 99.1 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st

MiB Mem : 15199.9 total, 9943.1 free, 2855.6 used, 2401.2 buff/cache

MiB Swap: 2048.0 total, 2048.0 free, 0.0 used. 11837.1 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
10431	saranan+	20	0	562272	59228	45936	S	4.3	0.4	0:09.25	gnome-terminal-
1622	saranan+	20	0	5839564	350144	152500	S	3.6	2.2	8:58.91	gnome-shell
10901	saranan+	20	0	13352	4352	3328	R	0.7	0.0	0:00.10	top
119	root	20	0	0	0	0	I	0.3	0.0	0:00.10	kworker/7:1-events
558	root	-51	0	0	0	0	S	0.3	0.0	5:43.80	irq/67-rtw88_pci
2032	saranan+	39	19	646240	39144	23108	S	0.3	0.3	0:02.19	tracker-miner-f
2448	saranan+	20	0	32.7g	357024	210928	S	0.3	2.3	8:17.59	chrome
2495	saranan+	20	0	32.4g	147340	106128	S	0.3	0.9	2:25.00	chrome
10195	root	20	0	0	0	0	I	0.3	0.0	0:02.98	kworker/u24:11-events_power_efficient
10223	root	20	0	0	0	0	I	0.3	0.0	0:02.53	kworker/u24:26-events_unbound
10342	saranan+	20	0	3076456	75232	55704	S	0.3	0.5	0:02.03	gjs
1	root	20	0	167952	13160	8248	S	0.0	0.1	0:02.78	systemd
2	root	20	0	0	0	0	S	0.0	0.0	0:00.02	kthreadd
3	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	rcu_par_gp
5	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	slub_flushwq
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
11	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
12	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_kthread
13	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_rude_kthread
14	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_trace_kthread
15	root	20	0	0	0	0	S	0.0	0.0	0:00.31	ksoftirqd/0
16	root	20	0	0	0	0	I	0.0	0.0	0:17.22	rcu_preempt
17	root	rt	0	0	0	0	S	0.0	0.0	0:00.18	migration/0
18	root	-51	0	0	0	0	S	0.0	0.0	0:00.00	idle_inject/0


```
sarananan-k@ThinkPad-E15-Gen-2: ~/Freshers

10431 saranan+ 20 0 562784 59612 45936 S 2.6 0.4 0:10.91 gnome-terminal-
2448 saranan+ 20 0 32.8g 357060 210984 S 1.3 2.3 8:24.37 chrome
2493 saranan+ 20 0 32.8g 273312 146524 S 1.0 1.8 5:01.93 chrome
5668 saranan+ 20 0 1159.8g 549572 145104 S 1.0 3.5 4:57.28 chrome
2495 saranan+ 20 0 32.4g 147184 106044 S 0.7 0.9 2:26.23 chrome
10225 root 20 0 0 0 0 I 0.7 0.0 0:03.86 kworker/u24:28-events_unbound
558 root -51 0 0 0 0 S 0.3 0.0 5:45.29 irq/67-rtw88_pci
1733 saranan+ 20 0 597524 29344 21052 S 0.3 0.2 0:00.88 xdg-desktop-por
1931 saranan+ 20 0 348868 30600 18688 S 0.3 0.2 0:04.06 ibus-extension-
2021 saranan+ 20 0 345660 27364 18888 S 0.3 0.2 0:00.57 xdg-desktop-por
2403 saranan+ 20 0 494796 32300 23600 S 0.3 0.2 0:01.35 update-notifier
8469 root 20 0 441380 81504 28540 S 0.3 0.5 0:01.89 fwupd
10901 saranan+ 20 0 13352 4352 3328 R 0.3 0.0 0:02.99 top
1 root 20 0 167952 13160 8248 S 0.0 0.1 0:02.80 systemd
2 root 20 0 0 0 0 S 0.0 0.0 0:00.02 kthreadd
3 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu_gp
4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 rcu_par_gp
5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 slub_flushwq
6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 netns
11 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 mm_percpu_wq
12 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_kthread
13 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_rude_kthread
14 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthread
15 root 20 0 0 0 0 S 0.0 0.0 0:00.31 ksoftirqd/0
16 root 20 0 0 0 0 I 0.0 0.0 0:17.49 rcu_preempt
17 root rt 0 0 0 0 S 0.0 0.0 0:00.18 migration/0
18 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/0
19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
21 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/2
22 root rt 0 0 0 0 S 0.0 0.0 0:00.43 migration/2
23 root 20 0 0 0 0 S 0.0 0.0 0:00.06 ksoftirqd/2
26 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/4
27 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/4
28 root rt 0 0 0 0 S 0.0 0.0 0:00.42 migration/4
29 root 20 0 0 0 0 S 0.0 0.0 0:00.06 ksoftirqd/4
32 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/6
33 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/6
34 root rt 0 0 0 0 S 0.0 0.0 0:00.16 migration/6
35 root 20 0 0 0 0 S 0.0 0.0 0:00.05 ksoftirqd/6
38 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/8
39 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/8
40 root rt 0 0 0 0 S 0.0 0.0 0:00.42 migration/8
41 root 20 0 0 0 0 S 0.0 0.0 0:00.04 ksoftirqd/8
43 root 0 -20 0 0 0 I 0.0 0.0 0:00.05 kworker/8:0H-ttm
44 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/10
45 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/10

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ updatedb
/var/lib/plocate/: Permission denied
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ sudo updatedb
[sudo] password for sarananan-k:
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ locate linux-cmds.txt
/home/sarananan-k/Freshers/Sep-03-2024/linux-cmds.txt
/home/sarananan-k/Freshers/Sep-04-2024/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```


sarananan-k@ThinkPad-E15-Gen-2: ~/Freshers

2493

saranan+

20

0

32.8g

273312

146524

S

1.0

1.8

5:01.93

chrome

5668

saranan+

20

0

1159.8g

549572

145104

S

1.0

3.5

4:57.28

chrome

2495

saranan+

20

0

32.4g

147184

106044

S

0.7

0.9

2:26.23

chrome

10225

root

20

0

0

0

0

I

0.7

0.0

0:03.86

kworker/u24:28-events_unbound

558

root

-51

0

0

0

0

S

0.3

0.0

5:45.29

irq/67-rtw88_pci

1733

saranan+

20

0

597524

29344

21052

S

0.3

0.2

0:00.88

xdg-desktop-por

1931

saranan+

20

0

348868

30600

18688

S

0.3

0.2

0:04.06

ibus-extension-

2021

saranan+

20

0

345660

27364

18888

S

0.3

0.2

0:00.57

xdg-desktop-por

2403

saranan+

20

0

494796

32300

23600

S

0.3

0.2

0:01.35

update-notifier

8469

root

20

0

441380

81504

28540

S

0.3

0.5

0:01.89

fwupd

10901

saranan+

20

0

13352

4352

3328

R

0.3

0.0

0:02.99

top

1

root

20

0

167952

13160

8248

S

0.0

0.1

0:02.80

systemd

2

root

20

0

0

0

0

S

0.0

0.0

0:00.02

kthreadd

3

root

0

-20

0

0

0

I

0.0

0.0

0:00.00

rcu_gp

4

root

0

-20

0

0

0

I

0.0

0.0

0:00.00

rcu_par_gp

5

root

0

-20

0

0

0

I

0.0

0.0

0:00.00

slub_flushwq

6

root

0

-20

0

0

0

I

0.0

0.0

0:00.00

netns

11

root

0

-20

0

0

0

I

0.0

0.0

0:00.00

mm_percpu_wq

12

root

20

0

0

0

0

I

0.0

0.0

0:00.00

rcu_tasks_kthread

13

root

20

0

0

0

0

I

0.0

0.0

0:00.00

rcu_tasks_rude_kthread

14

root

20

0

0

0

0

I

0.0

0.0

0:00.00

rcu_tasks_trace_kthread

15

root

20

0

0

0

0

S

0.0

0.0

0:00.31

ksoftirqd/0

16

root

20

0

0

0

0

I

0.0

0.0

0:17.49

rcu_preempt

17

root

rt

0

0

0

0

S

0.0

0.0

0:00.18

migration/0

18

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/0

19

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/0

20

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/2

21

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/2

22

root

rt

0

0

0

0

S

0.0

0.0

0:00.43

migration/2

23

root

20

0

0

0

0

S

0.0

0.0

0:00.06

ksoftirqd/2

26

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/4

27

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/4

28

root

rt

0

0

0

0

S

0.0

0.0

0:00.42

migration/4

29

root

20

0

0

0

0

S

0.0

0.0

0:00.06

ksoftirqd/4

32

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/6

33

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/6

34

root

rt

0

0

0

0

S

0.0

0.0

0:00.16

migration/6

35

root

20

0

0

0

0

S

0.0

0.0

0:00.05

ksoftirqd/6

38

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/8

39

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/8

40

root

rt

0

0

0

0

S

0.0

0.0

0:00.42

migration/8

41

root

20

0

0

0

0

S

0.0

0.0

0:00.04

ksoftirqd/8

43

root

0

-20

0

0

0

I

0.0

0.0

0:00.05

kworker/8:0H-ttm

44

root

20

0

0

0

0

S

0.0

0.0

0:00.00

cpuhp/10

45

root

-51

0

0

0

0

S

0.0

0.0

0:00.00

idle_inject/10

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$ updatedb

/var/lib/plocate/: Permission denied

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$ sudo updatedb

[sudo] password for sarananan-k:

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$ locate linux-cmds.txt

/home/sarananan-k/Freshers/Sep-03-2024/linux-cmds.txt

/home/sarananan-k/Freshers/Sep-04-2024/linux-cmds.txt

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$ date

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sarananan-k@ThinkPad-E15-Gen-2:~/Freshers\$


```
1 root      20    0 167952 13160 8248 S   0.0   0.1 0:02.80 systemd
2 root      20    0      0      0      0 S   0.0   0.0 0:00.02 kthreadd
3 root       0 -20      0      0      0 I   0.0   0.0 0:00.00 rcu_gp
4 root       0 -20      0      0      0 I   0.0   0.0 0:00.00 rcu_par_gp
5 root       0 -20      0      0      0 I   0.0   0.0 0:00.00 slub_flushwq
6 root       0 -20      0      0      0 I   0.0   0.0 0:00.00 netns
11 root      0 -20      0      0      0 I   0.0   0.0 0:00.00 mm_percpu_wq
12 root      20    0      0      0      0 I   0.0   0.0 0:00.00 rcu_tasks_kthread
13 root      20    0      0      0      0 I   0.0   0.0 0:00.00 rcu_tasks_rude_kthread
14 root      20    0      0      0      0 I   0.0   0.0 0:00.00 rcu_tasks_trace_kthread
15 root      20    0      0      0      0 S   0.0   0.0 0:00.31 ksoftirqd/0
16 root      20    0      0      0      0 I   0.0   0.0 0:17.49 rcu_preempt
17 root      rt    0      0      0      0 S   0.0   0.0 0:00.18 migration/0
18 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/0
19 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/0
20 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/2
21 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/2
22 root      rt    0      0      0      0 S   0.0   0.0 0:00.43 migration/2
23 root      20    0      0      0      0 S   0.0   0.0 0:00.06 ksoftirqd/2
26 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/4
27 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/4
28 root      rt    0      0      0      0 S   0.0   0.0 0:00.42 migration/4
29 root      20    0      0      0      0 S   0.0   0.0 0:00.06 ksoftirqd/4
32 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/6
33 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/6
34 root      rt    0      0      0      0 S   0.0   0.0 0:00.16 migration/6
35 root      20    0      0      0      0 S   0.0   0.0 0:00.05 ksoftirqd/6
38 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/8
39 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/8
40 root      rt    0      0      0      0 S   0.0   0.0 0:00.42 migration/8
41 root      20    0      0      0      0 S   0.0   0.0 0:00.04 ksoftirqd/8
43 root       0 -20      0      0      0 I   0.0   0.0 0:00.05 kworker/8:0H-ttm
44 root      20    0      0      0      0 S   0.0   0.0 0:00.00 cpuhp/10
45 root     -51    0      0      0      0 S   0.0   0.0 0:00.00 idle_inject/10

sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ updatedb
/var/lib/plocate/: Permission denied
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ sudo updatedb
[sudo] password for sarananan-k:
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ locate linux-cmds.txt
/home/sarananan-k/Freshers/Sep-03-2024/linux-cmds.txt
/home/sarananan-k/Freshers/Sep-04-2024/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ date
Tuesday 03 September 2024 06:31:14 PM IST
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -la
.  ..  Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -R
.:
Sep-03-2024  Sep-04-2024

./Sep-03-2024:
linux-cmds.txt

./Sep-04-2024:
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```



```

20 root      20    0    0    0    0 S   0.0  0.0  0:00.00 cpuhp/2
21 root     -51    0    0    0    0 S   0.0  0.0  0:00.00 idle_inject/2
22 root      rt    0    0    0    0 S   0.0  0.0  0:00.43 migration/2
23 root      20    0    0    0    0 S   0.0  0.0  0:00.06 ksoftirqd/2
26 root      20    0    0    0    0 S   0.0  0.0  0:00.00 cpuhp/4
27 root     -51    0    0    0    0 S   0.0  0.0  0:00.00 idle_inject/4
28 root      rt    0    0    0    0 S   0.0  0.0  0:00.42 migration/4
29 root      20    0    0    0    0 S   0.0  0.0  0:00.06 ksoftirqd/4
32 root      20    0    0    0    0 S   0.0  0.0  0:00.00 cpuhp/6
33 root     -51    0    0    0    0 S   0.0  0.0  0:00.00 idle_inject/6
34 root      rt    0    0    0    0 S   0.0  0.0  0:00.16 migration/6
35 root      20    0    0    0    0 S   0.0  0.0  0:00.05 ksoftirqd/6
38 root      20    0    0    0    0 S   0.0  0.0  0:00.00 cpuhp/8
39 root     -51    0    0    0    0 S   0.0  0.0  0:00.00 idle_inject/8
40 root      rt    0    0    0    0 S   0.0  0.0  0:00.42 migration/8
41 root      20    0    0    0    0 S   0.0  0.0  0:00.04 ksoftirqd/8
43 root       0 -20    0    0    0  I   0.0  0.0  0:00.05 kworker/8:0H-ttm
44 root      20    0    0    0    0 S   0.0  0.0  0:00.00 cpuhp/10
45 root     -51    0    0    0    0 S   0.0  0.0  0:00.00 idle_inject/10
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ updatedb
/var/lib/plocate/: Permission denied
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ sudo updatedb
[sudo] password for sarananan-k:
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ locate linux-cmds.txt
/home/sarananan-k/Freshers/Sep-03-2024/linux-cmds.txt
/home/sarananan-k/Freshers/Sep-04-2024/linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ date
Tuesday 03 September 2024 06:31:14 PM IST
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -la
.  ..  Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -R
.:
Sep-03-2024  Sep-04-2024

./Sep-03-2024:
linux-cmds.txt

./Sep-04-2024:
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ip address show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp2s0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether 88:a4:c2:25:5d:62 brd ff:ff:ff:ff:ff:ff
3: wlp3s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether 4c:d5:77:7a:29:d1 brd ff:ff:ff:ff:ff:ff
    inet 10.0.4.81/24 brd 10.0.4.255 scope global dynamic noprefixroute wlp3s0
        valid_lft 5826sec preferred_lft 5826sec
    inet6 fe80::1298:ef7f:acf3:91cc/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$

```



```
sarananan-k@ThinkPad-E15-Gen-2: ~/Freshers$ date
Tuesday 03 September 2024 06:31:14 PM IST
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -la
.  ..  Sep-03-2024  Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ls -R
.:
Sep-03-2024  Sep-04-2024

./Sep-03-2024:
linux-cmds.txt

./Sep-04-2024:
linux-cmds.txt
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ip address show
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp2s0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc fq_codel state DOWN group default qlen 1000
    link/ether 88:a4:c2:25:5d:62 brd ff:ff:ff:ff:ff:ff
3: wlp3s0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue state UP group default qlen 1000
    link/ether 4c:d5:77:7a:29:d1 brd ff:ff:ff:ff:ff:ff
    inet 10.0.4.81/24 brd 10.0.4.255 scope global dynamic noprefixroute wlp3s0
        valid_lft 5826sec preferred_lft 5826sec
    inet6 fe80::1298:ef7f:acf3:91cc/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ping knackforge.com
PING knackforge.com (54.240.162.80) 56(84) bytes of data.
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=1 ttl=248 time=14.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=2 ttl=248 time=20.8 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=3 ttl=248 time=20.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=4 ttl=248 time=19.0 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=5 ttl=248 time=19.6 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=6 ttl=248 time=22.7 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=7 ttl=248 time=19.7 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=8 ttl=248 time=16.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=9 ttl=248 time=22.4 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=10 ttl=248 time=100 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=11 ttl=248 time=126 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=12 ttl=248 time=20.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=13 ttl=248 time=120 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=14 ttl=248 time=24.8 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=15 ttl=248 time=17.0 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=16 ttl=248 time=14.4 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=17 ttl=248 time=25.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=18 ttl=248 time=73.1 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=19 ttl=248 time=17.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=20 ttl=248 time=32.1 ms
^C
--- knackforge.com ping statistics ---
20 packets transmitted, 20 received, 0% packet loss, time 19034ms
rtt min/avg/max/mdev = 14.197/37.346/126.455/35.224 ms
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$
```



```
sarananan-k@ThinkPad-E15-Gen-2: ~
valid_lft 5826sec preferred_lft 5826sec
inet6 fe80::1298:ef7f:acf3:91cc/64 scope link noprefixroute
valid_lft forever preferred_lft forever
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ ping knackforge.com
PING knackforge.com (54.240.162.80) 56(84) bytes of data:
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=1 ttl=248 time=14.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=2 ttl=248 time=20.8 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=3 ttl=248 time=20.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=4 ttl=248 time=19.0 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=5 ttl=248 time=19.6 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=6 ttl=248 time=22.7 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=7 ttl=248 time=19.7 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=8 ttl=248 time=16.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=9 ttl=248 time=22.4 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=10 ttl=248 time=100 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=11 ttl=248 time=126 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=12 ttl=248 time=20.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=13 ttl=248 time=120 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=14 ttl=248 time=24.8 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=15 ttl=248 time=17.0 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=16 ttl=248 time=14.4 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=17 ttl=248 time=25.9 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=18 ttl=248 time=73.1 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=19 ttl=248 time=17.2 ms
64 bytes from server-54-240-162-80.hyd57.r.cloudfront.net (54.240.162.80): icmp_seq=20 ttl=248 time=32.1 ms
^C
-- knackforge.com ping statistics --
20 packets transmitted, 20 received, 0% packet loss, time 19034ms
rtt min/avg/max/mdev = 14.197/37.346/126.455/35.224 ms
sarananan-k@ThinkPad-E15-Gen-2:~/Freshers$ cd ..
sarananan-k@ThinkPad-E15-Gen-2:~$ ls -l
total 40
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  3 14:42 Desktop
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  2 13:18 Documents
drwxr-xr-x 3 sarananan-k sarananan-k 4096 Sep  3 11:33 Downloads
drwxrwxr-x 4 sarananan-k sarananan-k 4096 Sep  3 18:04 Freshers
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  2 13:18 Music
drwxr-xr-x 3 sarananan-k sarananan-k 4096 Sep  3 17:52 Pictures
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  2 13:18 Public
drwx----- 3 sarananan-k sarananan-k 4096 Sep  2 13:18 snap
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  2 13:18 Templates
drwxr-xr-x 2 sarananan-k sarananan-k 4096 Sep  2 13:18 Videos
sarananan-k@ThinkPad-E15-Gen-2:~$ ls -l Freshers/
total 8
drwxrwxr-x 2 sarananan-k sarananan-k 4096 Sep  3 18:02 Sep-03-2024
drwxrwxr-x 2 sarananan-k sarananan-k 4096 Sep  3 18:06 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~$ du -h Freshers
8.0K    Freshers/Sep-03-2024
8.0K    Freshers/Sep-04-2024
20K     Freshers
sarananan-k@ThinkPad-E15-Gen-2:~$ ls -l Freshers
total 8
drwxrwxr-x 2 sarananan-k sarananan-k 4096 Sep  3 18:02 Sep-03-2024
drwxrwxr-x 2 sarananan-k sarananan-k 4096 Sep  3 18:06 Sep-04-2024
sarananan-k@ThinkPad-E15-Gen-2:~$
```