

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ ping 8.8.8.8
```

```
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
```

```
64 bytes from 8.8.8.8: icmp_seq=1 ttl=120 time=14.0 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=2 ttl=120 time=4.93 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=3 ttl=120 time=5.42 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=4 ttl=120 time=9.30 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=5 ttl=120 time=5.07 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=6 ttl=120 time=12.5 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=7 ttl=120 time=12.9 ms
```

```
64 bytes from 8.8.8.8: icmp_seq=8 ttl=120 time=9.89 ms
```

```
^C
```

```
--- 8.8.8.8 ping statistics ---
```

```
8 packets transmitted, 8 received, 0% packet loss, time 7010ms
```

```
rtt min/avg/max/mdev = 4.932/9.250/13.975/3.493 ms
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads$ du -h Freshers
```

```
8.0K    Freshers/sep-04-2024
```

```
8.0K    Freshers/sep-03-2024
```

```
20K     Freshers
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/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:c2:25:5f:00 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:4e:e7 brd ff:ff:ff:ff:ff:ff
    inet 10.0.4.83/24 brd 10.0.4.255 scope global dynamic noprefixroute wlp3s0
        valid_lft 6603sec preferred_lft 6603sec
    inet6 fe80::ba86:e42f:2afc:2974/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ ls -R
```

```
..:
```

```
sep-03-2024  sep-04-2024
```

```
./sep-03-2024:  
linux-cmds.txt
```

```
./sep-04-2024:  
linux-cmds.txt
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ date  
Tuesday 03 September 2024 06:31:41 PM IST  
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$
```

[9000] passwords for srikrishwin

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ locate linux-cmds  
/home/srikrishwin/Downloads/Freshers/sep-03-2024/linux-cmds.txt  
/home/srikrishwin/Downloads/Freshers/sep-04-2024/linux-cmds.txt
```

srikrishwin@ThinkPad-E15-Gen-2: ~/Downloads/Freshers

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers\$ top

top - 18:24:59 up 8:25, 1 user, load average: 0.24, 0.16, 0.14
Tasks: 319 total, 2 running, 317 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.6 us, 0.7 sy, 0.0 ni, 97.6 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 23248.2 total, 18309.6 free, 2517.9 used, 2420.7 buff/cache
MiB Swap: 2048.0 total, 2048.0 free, 0.0 used, 20241.3 avail Mem

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1644	srikris	20	0	5919880	351596	150420	S	9.0	1.5	11:11.77	gnome-shell


```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ pwd
/home/srikrishwin/Downloads/Freshers
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ grep sample linux-cmds.txt
grep: linux-cmds.txt: No such file or directory
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ grep sample sep-04-2024/linux-cmds.txt
sample text 1
sample text 2
sample text 3
```


linux-cmds.txt

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03-2024$ cp linux-cmds.txt ../sep-04-2024/
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03-2024$ ls ../sep-04-2024/
```

linux-cmds.txt

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03-2024$
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ mv sep-03 sep-03-2024
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ mv sep-04 sep-04-2024
mv: cannot stat 'sep-04': No such file or directory
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers$ mv sep04 sep-04-2024
```

```
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03$ touch linux-cmds.txt
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03$ ls
linux-cmds.txt
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03$ nano linux-cmds.txt
srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers/sep-03$ cat linux-cmds.txt
sample text 1
sample text 2
sample text 3
```

bash: cd: Downloads: No such file or directory

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Assignment\$ cd

srikrishwin@ThinkPad-E15-Gen-2:~\$ cd Downloads/

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads\$ rmdir Assignment

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads\$ mkdir Freshers

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads\$ cd Freshers

srikrishwin@ThinkPad-E15-Gen-2:~/Downloads/Freshers\$ mkdir sep-03 sep04