

Linux Commands

```
pratik@PRATIK: ~  
pratik@PRATIK:~$ df -h  
Filesystem      Size  Used Avail Use% Mounted on  
/dev/sdc        251G  1.5G  237G   1% /  
none            3.9G   28K   3.9G   1% /mnt/wslg  
none            3.9G   4.0K   3.9G   1% /mnt/wsl  
tools           254G  228G   26G   90% /init  
none            3.9G    0   3.9G   0% /run  
none            3.9G    0   3.9G   0% /run/lock  
none            3.9G    0   3.9G   0% /run/shm  
none            3.9G    0   3.9G   0% /run/user  
tmpfs           3.9G    0   3.9G   0% /sys/fs/cgroup  
drivers         254G  228G   26G   90% /usr/lib/wsl/drivers  
lib             254G  228G   26G   90% /usr/lib/wsl/lib  
none            3.9G   76K   3.9G   1% /mnt/wslg/versions.txt  
none            3.9G   76K   3.9G   1% /mnt/wslg/doc  
drvfs           254G  228G   26G   90% /mnt/c  
drvfs           200G  141G   60G   71% /mnt/d  
pratik@PRATIK:~$ du -h  
8.0K    ./folder1  
4.0K    ../.config/procps  
8.0K    ../.config  
68K     .  
pratik@PRATIK:~$ free -m  
              total        used        free      shared  buff/cache   available  
Mem:          7817         278        7425          0         113        7353  
Swap:         2048           0         2048  
pratik@PRATIK:~$ ls  
Pratik  aditya.txt  count_executables.sh  folder1  linux_commands  new_script.sh  pratik
```

```
pratik@PRATIK:~$ sudo su  
[sudo] password for pratik:  
root@PRATIK:/home/pratik# ls  
Pratik  aditya.txt  count_executables.sh  folder1  linux_commands  new_script.sh  pratik  
root@PRATIK:/home/pratik# chown pratik aditya.txt  
root@PRATIK:/home/pratik# ls  
Pratik  aditya.txt  count_executables.sh  folder1  linux_commands  new_script.sh  pratik  
root@PRATIK:/home/pratik# ls -l  
total 32  
-rw-r--r-- 1 root  root   28 Apr 12 12:30 Pratik  
-rwxr--r-- 1 pratik root   20 Apr 12 12:36 aditya.txt  
-rwxr-xr-x 1 root  root  333 Apr 12 10:50 count_executables.sh  
drwxr-xr-x 2 root  root 4096 Apr 12 12:33 folder1  
-rwxrwxrwx 1 root  root 10240 Apr 12 12:45 linux_commands  
-rwxr-xr-x 1 root  root   262 Apr 12 10:45 new_script.sh  
-rw-r--r-- 1 root  root    0 Apr  9 03:18 pratik  
root@PRATIK:/home/pratik# hostnmae -a
```

```
root@PRATIK: /home/pratik
root@PRATIK:/home/pratik# chmod u=rwx,g=rw,o=rwx linux_commands
root@PRATIK:/home/pratik# ls -l
total 32
-rw-r--r-- 1 root   root    28 Apr 12 12:30 Pratik
-rwxr--r-- 1 pratik root    20 Apr 12 12:36 aditya.txt
-rwxr-xr-x 1 root   root   333 Apr 12 10:50 count_executables.sh
drwxr-xr-x 2 root   root  4096 Apr 12 12:33 folder1
-rwxrw-rwx 1 root   root 10240 Apr 12 12:45 linux_commands
-rwxr-xr-x 1 root   root   262 Apr 12 10:45 new_script.sh
-rw-r--r-- 1 root   root     0 Apr  9 03:18 pratik
root@PRATIK:/home/pratik# fsck
fsck from util-linux 2.37.2
root@PRATIK:/home/pratik# tar -cvf pratik.tar /home/pratik/
tar: Removing leading `/' from member names
/home/pratik/
/home/pratik/.sudo_as_admin_successful
/home/pratik/.bash_history
/home/pratik/folder1/
/home/pratik/folder1/pratik.txt
/home/pratik/aditya.txt
/home/pratik/count_executables.sh
/home/pratik/.motd_shown
/home/pratik/.config/
/home/pratik/.config/procps/
/home/pratik/.profile
/home/pratik/.bash_logout
tar: /home/pratik/pratik.tar: file is the archive; not dumped
/home/pratik/new_script.sh
/home/pratik/pratik
/home/pratik/.bashrc
/home/pratik/linux_commands
/home/pratik/Pratik
/home/pratik/.lessht
root@PRATIK:/home/pratik#
```

```
root@PRATIK:/home/pratik# ping google.com
PING google.com (142.250.66.14) 56(84) bytes of data.
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=1 ttl=118 time=9.39 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=2 ttl=118 time=8.29 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=3 ttl=118 time=9.87 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=4 ttl=118 time=44.5 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=5 ttl=118 time=10.4 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=6 ttl=118 time=9.16 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=7 ttl=118 time=8.72 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=8 ttl=118 time=9.32 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=9 ttl=118 time=9.07 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=10 ttl=118 time=11.3 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=11 ttl=118 time=8.67 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=12 ttl=118 time=9.38 ms
64 bytes from bom07s35-in-f14.1e100.net (142.250.66.14): icmp_seq=13 ttl=118 time=8.97 ms
^Z
[1]+  Stopped                  ping google.com
root@PRATIK:/home/pratik# ps
  PID TTY          TIME CMD
   92 pts/1    00:00:00 sudo
   93 pts/1    00:00:00 su
   94 pts/1    00:00:00 bash
  113 pts/1    00:00:00 ping
  114 pts/1    00:00:00 ps
root@PRATIK:/home/pratik# kill 113
root@PRATIK:/home/pratik# dd
0+0 records in
0+0 records out
0 bytes copied, 32.9495 s, 0.0 kB/s
```