```
shubham@DESKTOP-670QJ40:~$ mkdir shub
shubham@DESKTOP-670QJ40:~$ cd shub
shubham@DESKTOP-670QJ40:~/shub$ touch demo.txt
shubham@DESKTOP-670QJ40:~/shub$ vi demo.txt
shubham@DESKTOP-670QJ40:~/shub$ head demo.txt
hii infobell
ls
touch
pwd
mkdir
rm
cp
ls -a
find
grep
shubham@DESKTOP-670QJ40:~/shub$ tail demo.txt
mkdir
rm
cp
ls -a
find
grep
shubham
raj
ajay
vickey
shubham@DESKTOP-670QJ40:~/shub$ grep "shubham" demo.txt
shubham
shubham@DESKTOP-670QJ40:~/shub$ touch demo1 demo2 demo3 demo4
shubham@DESKTOP-670QJ40:~/shub$ ls
```

```
shubham@DESKTOP-670QJ40:~/shub$ grep "shubham" demo.txt
shubham
shubham@DESKTOP-670QJ40:~/shub$ touch demo1 demo2 demo3 demo4
shubham@DESKTOP-670QJ40:~/shub$ ls
demo.txt  demo1  demo2  demo3  demo4
shubham@DESKTOP-670QJ40:~/shub$ cd ..
shubham@DESKTOP-670QJ40:~$ find . -name "demo2"
./shub/demo2
shubham@DESKTOP-670QJ40:~$ whoami
shubham
shubham@DESKTOP-670QJ40:~$ cd shub
shubham@DESKTOP-670QJ40:~/shub$ rm demo1
shubham@DESKTOP-670QJ40:~/shub$ ls
demo.txt  demo2  demo3  demo4
shubham@DESKTOP-670QJ40:~/shub$ date
Wed Apr 12 16:31:57 IST 2023
shubham@DESKTOP-670QJ40:~/shub$ cal
Command 'cal' not found, but can be installed with:
sudo apt install ncal
shubham@DESKTOP-670QJ40:~/shub$ wc demo.txt
14 16 82 demo.txt
shubham@DESKTOP-670QJ40:~/shub$ chmod
chmod: missing operand
Try 'chmod --help' for more information.
shubham@DESKTOP-670QJ40:~/shub$ chmod --help
Usage: chmod [OPTION]... MODE[,MODE]... FILE...
  or:  chmod [OPTION]... OCTAL-MODE FILE...
  or:  chmod [OPTION]... --reference=RFILE FILE...
Change the mode of each FILE to MODE.
With --reference, change the mode of each FILE to that of RFILE.

  -c, --changes          like verbose but report only when a change is made
  -f, --silent, --quiet  suppress most error messages
```

```
shubham@DESKTOP-670QJ40:~/shub$ chmod --help
Usage: chmod [OPTION]... MODE[,MODE]... FILE...
  or:  chmod [OPTION]... OCTAL-MODE FILE...
  or:  chmod [OPTION]... --reference=RFILE FILE...
Change the mode of each FILE to MODE.
With --reference, change the mode of each FILE to that of RFILE.

  -c, --changes          like verbose but report only when a change is made
  -f, --silent, --quiet  suppress most error messages
  -v, --verbose          output a diagnostic for every file processed
      --no-preserve-root  do not treat '/' specially (the default)
      --preserve-root    fail to operate recursively on '/'
      --reference=RFILE  use RFILE's mode instead of MODE values
  -R, --recursive        change files and directories recursively
      --help     display this help and exit
      --version  output version information and exit

Each MODE is of the form '[ugoa]*([-+=]([rwxXst]*|[ugo]))+|[-+=][0-7]+'.

GNU coreutils online help: <https://www.gnu.org/software/coreutils/>
Report any translation bugs to <https://translationproject.org/team/>
Full documentation <https://www.gnu.org/software/coreutils/chmod>
or available locally via: info '(coreutils) chmod invocation'
shubham@DESKTOP-670QJ40:~/shub$ ls -a
.  ..  demo.txt  demo2  demo3  demo4
shubham@DESKTOP-670QJ40:~/shub$ ps
  PID TTY          TIME CMD
   10 pts/0    00:00:00 bash
   69 pts/0    00:00:00 ps
shubham@DESKTOP-670QJ40:~/shub$ ps -a
  PID TTY          TIME CMD
   70 pts/0    00:00:00 ps
shubham@DESKTOP-670QJ40:~/shub$ ls -l
total 4
-rw-r--r-- 1 shubham shubham 82 Apr 12 16:24 demo.txt
```

```
shubham@DESKTOP-670QJ40:~/shub$ ls -l
total 4
-rw-r--r-- 1 shubham shubham 82 Apr 12 16:24 demo.txt
-rw-r--r-- 1 shubham shubham  0 Apr 12 16:28 demo2
-rw-r--r-- 1 shubham shubham  0 Apr 12 16:28 demo3
-rw-r--r-- 1 shubham shubham  0 Apr 12 16:28 demo4
shubham@DESKTOP-670QJ40:~/shub$ head -5 demo.txt
hii infobell
ls
touch
pwd
mkdir
shubham@DESKTOP-670QJ40:~/shub$ top demo.txt
top: bad delay interval 'emo.txt'
shubham@DESKTOP-670QJ40:~/shub$ top -2 demo.txt
top: unknown option '2'
Usage:
  top -hv | -bcEeHiOSs1 -d secs -n max -u|U user -p pid(s) -o field -w [cols]
shubham@DESKTOP-670QJ40:~/shub$ dig amazon.com

; <<>> DiG 9.18.1-1ubuntu1.3-Ubuntu <<>> amazon.com
;; global options: +cmd
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36883
;; flags: qr rd ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 0
;; WARNING: recursion requested but not available

;; QUESTION SECTION:
;amazon.com.                    IN      A

;; ANSWER SECTION:
amazon.com.             0       IN      A       54.239.28.85
amazon.com.             0       IN      A       52.94.236.248
amazon.com.             0       IN      A       205.251.242.103
```

```
;; flags: qr rd ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 0
;; WARNING: recursion requested but not available

;; QUESTION SECTION:
;amazon.com.                    IN      A

;; ANSWER SECTION:
amazon.com.            0       IN      A       54.239.28.85
amazon.com.            0       IN      A       52.94.236.248
amazon.com.            0       IN      A       205.251.242.103

;; Query time: 130 msec
;; SERVER: 172.24.224.1#53(172.24.224.1) (UDP)
;; WHEN: Wed Apr 12 16:38:38 IST 2023
;; MSG SIZE  rcvd: 86

shubham@DESKTOP-670QJ40:~/shub$ tee demo5.txt
shubham bal
shubham bal
^C
shubham@DESKTOP-670QJ40:~/shub$ cat demo5.txt
shubham bal
shubham@DESKTOP-670QJ40:~/shub$ cat >> demo5.txt
raj ahirwar
shubham@DESKTOP-670QJ40:~/shub$ cat demo5.txt
shubham bal
raj ahirwar
shubham@DESKTOP-670QJ40:~/shub$ cat > demo5.txt
ajay sarkar
shubham@DESKTOP-670QJ40:~/shub$ cat demo5.txt
ajay sarkar
shubham@DESKTOP-670QJ40:~/shub$ cp demo.txt demo5.txt
shubham@DESKTOP-670QJ40:~/shub$ cat demo5.txt
hii infobell
ls
```

```
shubham@DESKTOP-670QJ40:~/shub$ cp demo.txt demo5.txt
shubham@DESKTOP-670QJ40:~/shub$ cat demo5.txt
hii infobell
ls
touch
pwd
mkdir
rm
cp
ls -a
find
grep
shubham
raj
ajay
vickey
shubham@DESKTOP-670QJ40:~/shub$ mv demo5.txt demo4.txt
shubham@DESKTOP-670QJ40:~/shub$ cat demo4.txt
hii infobell
ls
touch
pwd
mkdir
rm
cp
ls -a
find
grep
shubham
raj
ajay
vickey
shubham@DESKTOP-670QJ40:~/shub$ df
Filesystem      1K-blocks     Used   Available Use% Mounted on
```

```
shubham@DESKTOP-670QJ40:~/shub$ df
Filesystem        1K-blocks       Used   Available Use% Mounted on
none               1966048          4     1966044   1% /mnt/wsl
none             249461284  100883804   148577480  41% /usr/lib/wsl/drivers
none               1966048          0     1966048   0% /usr/lib/wsl/lib
/dev/sdc         1055762868    1255176  1000804220   1% /
none               1966048         76     1965972   1% /mnt/wslg
rootfs             1962816       1912     1960904   1% /init
none               1966048          0     1966048   0% /run
none               1966048          0     1966048   0% /run/lock
none               1966048          0     1966048   0% /run/shm
none               1966048          0     1966048   0% /run/user
tmpfs              1966048          0     1966048   0% /sys/fs/cgroup
none               1966048         76     1965972   1% /mnt/wslg/versions.txt
none               1966048         76     1965972   1% /mnt/wslg/doc
drvfs            249461284  100883804   148577480  41% /mnt/c
drvfs            976760828  352608916   624151912  37% /mnt/d
shubham@DESKTOP-670QJ40:~/shub$ du
12      .
shubham@DESKTOP-670QJ40:~/shub$ lsblk
NAME MAJ:MIN RM   SIZE RO TYPE MOUNTPOINTS
sda    8:0    0 363.1M  1 disk
sdb    8:16   0     1G  0 disk [SWAP]
sdc    8:32   0     1T  0 disk /mnt/wslg/distro
                                /
shubham@DESKTOP-670QJ40:~/shub$ chown
chown: missing operand
Try 'chown --help' for more information.
shubham@DESKTOP-670QJ40:~/shub$ id
uid=1000(shubham) gid=1000(shubham) groups=1000(shubham),4(adm),20(dialout),24(cdrom),25(floppy),27(sudo),29(audio),30(dip),44(video),46(plugdev),
116(netdev),1001(docker)
shubham@DESKTOP-670QJ40:~/shub$ hostname
DESKTOP-670QJ40
shubham@DESKTOP-670QJ40:~/shub$ uname
Linux
```