

PRN-84015

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ man man
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ uname
Linux
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ pwd
/home/prasad
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ hostname
prasad-OMEN-by-HP-Laptop-16-b1xxx
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ date
Friday 31 May 2024 05:46:23 PM IST
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ ncal
      May 2024
Su      5 12 19 26
Mo      6 13 20 27
Tu      7 14 21 28
We      1  8 15 22 29
Th      2  9 16 23 30
Fr      3 10 17 24 31
Sa      4 11 18 25
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ ls
cpp_240344220126      Documents      modularity.zip      snap
cpp_240344220126.zip  Downloads      Music                Templates
DBT_240344220126      frontend      Pictures              Videos
DBT_240344220126.zip  mern          pllllllllllll       WPT_240344220126
'dbt exam'           mock.cpp       Public                WPT_240344220126.zip
Desktop              modularity     Que2.cpp
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$ dir
cpp_240344220126      Documents      modularity.zip      snap
cpp_240344220126.zip  Downloads      Music                Templates
DBT_240344220126      frontend      Pictures              Videos
DBT_240344220126.zip  mern          pllllllllllll       WPT_240344220126
dbt\ exam            mock.cpp       Public                WPT_240344220126.zip
Desktop              modularity     Que2.cpp
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~$
```

```

xt
sadfghjprasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat > demo
1.txt
Jay Shree Ram
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat demo1.txt
Jay Shree Ram
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$

```

```

prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat >> demo1.txt
Jay Hanuman
jayprasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat demo1.txt
Jay Shree Ram
Jay Hanuman
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat -n demo1.txt
  1 Jay Shree Ram
  2 Jay Hanuman
  3 jayprasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tac demo1.tx
t
jayJay Hanuman
Jay Shree Ram
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ rev demo1.txt
maR eerhS yaJ
namunaH yaJ
yajprasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$

```

```

2 directories, 3 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cp dhanu/o1.txt monu
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── demo1.txt
├── demo.txt
├── dhanu
│   └── o1.txt
└── monu
    └── o1.txt

```

```

1 sadfghjcode studentsprasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spract
ice$ cp -R dhanu/ monu/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── demo1.txt
├── demo.txt
├── dhanu
│   └── movies
│   └── o1.txt
└── monu
    ├── dhanu
    │   ├── movies
    │   └── o1.txt
    └── o1.txt
5 directories, 5 files

```

```

5 directories, 5 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ mv demo.txt cdac.txt
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── cdac.txt
├── demo1.txt
├── dhanu
│   ├── movies
│   └── o1.txt
└── monu
    ├── dhanu
    │   ├── movies
    │   └── o1.txt
    └── o1.txt

```

```

5 directories, 5 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ mv monu/dhanu/movies/ m
onu/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── cdac.txt
├── dhanu
│   ├── movies
│   └── o1.txt
└── monu
    ├── dhanu
    │   └── o1.txt
    ├── movies
    │   └── demo1.txt
    └── o1.txt

```

5 directories, 5 files

```

prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat -n dhanu/o1.tx
t
    1  suyash
    2  prasad
    3  rohan
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ wc dhanu/o
1.txt
2  3 19 dhanu/o1.txt

```

```

5 directories, 5 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ mkdir aniii
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── aniii
├── cdac.txt
├── dhanu
│   ├── movies
│   └── o1.txt
└── monu
    ├── dhanu
    │   └── o1.txt
    ├── movies
    │   └── demo1.txt
    └── o1.txt

```



```
6 directories, 5 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ sort dhanu/o1.txt
prasad
rohan
suyash
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
suyash
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cd monu/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice/monu$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cd monu/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice/monu$ rm movies/demo1.tx
t
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice/monu$ tree
.
├── dhanu
│   └── o1.txt
├── movies
│   └── o1.txt
```

2 directories, 2 files

```
6 directories, 4 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ rm -R monu/movies/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── aniii
├── cdac.txt
├── dhanu
│   └── movies
│       └── o1.txt
├── monu
│   └── dhanu
│       ├── o1.txt
│       └── o1.txt
```

```
5 directories, 4 files
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ rmdir aniii/
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tree
.
├── cdac.txt
├── dhanu
│   └── movies
│       └── o1.txt
├── monu
│   └── dhanu
│       ├── o1.txt
│       └── o1.txt
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ls -l
total 12
-rw-rw-r-- 1 prasad prasad  7 May 31 18:15 cdac.txt
-rw-rw-r-- 1 prasad prasad  0 May 31 19:17 css.txt
drwxrwxr-x 3 prasad prasad 4096 May 31 18:47 dhanu
drwxrwxr-x 3 prasad prasad 4096 May 31 19:14 monu
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ touch cdac.txt
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ls -l
total 12
-rw-rw-r-- 1 prasad prasad  7 May 31 19:18 cdac.txt
-rw-rw-r-- 1 prasad prasad  0 May 31 19:17 css.txt
drwxrwxr-x 3 prasad prasad 4096 May 31 18:47 dhanu
drwxrwxr-x 3 prasad prasad 4096 May 31 19:14 monu
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ cat css.txt
hello
hello
hello
world
world1
helooo
helooo
world2
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ uniq css.txt
hello
world
world1
helooo
world2
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
world2
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ uniq css.txt
hello
world
world1
helooo
world2
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ head -2 css.txt
hello
hello
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ tail -2 css.txt
helooo
world2
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ factor 22
22: 2 11
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
22: 2 11
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ alias c=clear
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ unalias c
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ c
c: command not found
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```

```
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ env
SHELL=/bin/bash
SESSION_MANAGER=local/prasad-OMEN-by-HP-Laptop-16-b1xxx:@/tmp/.ICE-unix/1860,unix/prasad-OMEN-by-HP-Laptop-16-b1xxx:/tmp/.ICE-unix/1860
QT_ACCESSIBILITY=1
COLORTERM=truecolor
XDG_CONFIG_DIRS=/etc/xdg/xdg-ubuntu:/etc/xdg
SSH_AGENT_LAUNCHER=gnome-keyring
NVM_INC=/home/prasad/.nvm/versions/node/v20.12.2/include/node
XDG_MENU_PREFIX=gnome-
GNOME_DESKTOP_SESSION_ID=this-is-deprecated
LANGUAGE=en_IN:en
GNOME_SHELL_SESSION_MODE=ubuntu
SSH_AUTH_SOCK=/run/user/1000/keyring/ssh
XMODIFIERS=@im=ibus
DESKTOP_SESSION=ubuntu
GTK_MODULES=gail:atk-bridge
PWD=/home/prasad/Desktop/0spractice
LOGNAME=prasad
XDG_SESSION_DESKTOP=ubuntu
XDG_SESSION_TYPE=wayland
SYSTEMD_EXEC_PID=1893
XAUTHORITY=/run/user/1000/.mutter-Xwaylandauth.QFMH02
HOME=/home/prasad
USERNAME=prasad
IM_CONFIG_PHASE=1
LANG=en_IN
LS_COLORS=rs=0:di=01;34:ln=01;36:mh=00:pi=40;33:so=01;35:do=01;35:bd=40;33;01:cd=40;33;01:or=40;31;01:mi=00:su=37;41:sg=30;43:ca=30;41:tw=30;42:ow=34;42:st=37;44:ex=01;32:*.tar=01;31:*.tgz=01;31:*.arc=01;31:*.arj=01;31:*.taz=01;31:*.lha=01;31:*.lz4=01;31:*.lzh=01;31:*.lzma=01;31:*.tlz=01;31:*.txz=01;31:*.tzo=01;31:*.t7z=01;31:*.zip=01;31:*.z=01;31:*.dz=01;31:*.gz=01;31:*.lrz=01;31:*.lz=01;31:*.lzo=01;31:*.xz=01;31:*.zst=01;31:*.t7z=01;31:*.bz2=01;31:*.bz=01;31:*.tbz=01;31:*.tbz2=01;31:*.t7=01;31:*.deb=01;31:*
```

```
NVM_BIN=/home/prasad/.nvm/versions/node/v20.12.2/bin
_=/usr/bin/env
OLDPWD=/home/prasad/Desktop/0spractice/monu
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ echo $SHELL
/bin/bash
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$
```



```

prasad
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ps
  PID TTY          TIME CMD
  9164 pts/0        00:00:00 bash
 11541 pts/0        00:00:00 ps
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ps aux
USER          PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
root           1  0.0  0.0 168284 12444 ?        Ss   17:08   0:04 /sbin/init splash
root           2  0.0  0.0     0     0 ?        S    17:08   0:00 [kthreadd]
root           3  0.0  0.0     0     0 ?        I<   17:08   0:00 [rcu_gp]
root           4  0.0  0.0     0     0 ?        I<   17:08   0:00 [rcu_par_gp]
root           5  0.0  0.0     0     0 ?        I<   17:08   0:00 [slub_flushwq]
root           6  0.0  0.0     0     0 ?        I<   17:08   0:00 [netns]
root           8  0.0  0.0     0     0 ?        I<   17:08   0:00 [kworker/0:0H-event]
root          11  0.0  0.0     0     0 ?        I<   17:08   0:00 [mm_percpu_wq]
root          12  0.0  0.0     0     0 ?        I    17:08   0:00 [rcu_tasks_kthread]
root          13  0.0  0.0     0     0 ?        I    17:08   0:00 [rcu_tasks_rude_kth
root          14  0.0  0.0     0     0 ?        I    17:08   0:00 [rcu_tasks_trace_kt
root          15  0.0  0.0     0     0 ?        S    17:08   0:00 [ksoftirqd/0]
root          16  0.0  0.0     0     0 ?        I    17:08   0:07 [rcu_preempt]
root          17  0.0  0.0     0     0 ?        S    17:08   0:00 [migration/0]
root          18  0.0  0.0     0     0 ?        S    17:08   0:00 [idle_inject/0]
root          19  0.0  0.0     0     0 ?        S    17:08   0:00 [cpuhp/0]
root          20  0.0  0.0     0     0 ?        S    17:08   0:00 [cpuhp/2]
root          21  0.0  0.0     0     0 ?        S    17:08   0:00 [idle_inject/2]
root          22  0.0  0.0     0     0 ?        S    17:08   0:00 [migration/2]
root          23  0.0  0.0     0     0 ?        S    17:08   0:00 [ksoftirqd/2]
root          25  0.0  0.0     0     0 ?        I<   17:08   0:00 [kworker/2:0H-event]
root          26  0.0  0.0     0     0 ?        S    17:08   0:00 [cpuhp/4]
root          27  0.0  0.0     0     0 ?        S    17:08   0:00 [idle_inject/4]
root          28  0.0  0.0     0     0 ?        S    17:08   0:00 [migration/4]
root          29  0.0  0.0     0     0 ?        S    17:08   0:00 [ksoftirqd/4]

```

```

prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ps
  PID TTY          TIME CMD
  9164 pts/0        00:00:00 bash
 11711 pts/0        00:00:00 ps
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ kill 9164
prasad@prasad-OMEN-by-HP-Laptop-16-b1xxx:~/Desktop/0spractice$ ps
  PID TTY          TIME CMD
  9164 pts/0        00:00:00 bash
 11712 pts/0        00:00:00 ps

```