

```
Activities Terminal Sep 13 16:41 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$ mkdir rahul
ubuntu@ubuntu:~$ ls
4b.html Desktop Downloads pg3.html pg4.html pg5.html pgm2.html Public rahulgn Templates
8p.php Documents Music pg4a.html pg5.css pg8.php Pictures rahul snap Videos
ubuntu@ubuntu:~$ ls -a
. .config pg3.html .profile .thunderbird
.. Desktop pg4a.html Public .vboxclient-clipboard.pid
4b.html Documents pg4.html rahul .vboxclient-display-svga-x11.pid
8p.php Downloads pg5.css rahulgn .vboxclient-draganddrop.pid
.bash_history .gnupg pg5.html snap .vboxclient-seamless.pid
.bash_logout .local pg8.php .ssh Videos
.bashrc .mozilla pgm2.html .sudo_as_admin_successful
.cache Music Pictures Templates
ubuntu@ubuntu:~$ ls -l
total 76
-rw-rw-r-- 1 ubuntu ubuntu 336 Jan 27 2021 4b.html
-rw-rw-r-- 1 ubuntu ubuntu 909 Jan 26 2021 8p.php
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 Desktop
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Documents
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Downloads
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Music
-rw-rw-r-- 1 ubuntu ubuntu 741 Jan 26 2021 pg3.html
-rw-rw-r-- 1 ubuntu ubuntu 348 Jan 26 2021 pg4a.html
-rw-rw-r-- 1 ubuntu ubuntu 395 Jan 26 2021 pg4.html
-rw-rw-r-- 1 ubuntu ubuntu 187 Jan 26 2021 pg5.css
-rw-rw-r-- 1 ubuntu ubuntu 214 Jan 26 2021 pg5.html
-rw-rw-r-- 1 ubuntu ubuntu 0 Jan 26 2021 pg8.php
-rw-rw-r-- 1 ubuntu ubuntu 399 Jan 26 2021 pgm2.html
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Pictures
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Public
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:29 rahul
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:19 rahulgn
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 snap
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Templates
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Videos
ubuntu@ubuntu:~$ rmdir rahulgn
rmdir: failed to remove 'rahulgn': No such file or directory

Activities Terminal Sep 14 12:28 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~$ man chmod
ubuntu@ubuntu:~$ cat -m
cat: invalid option -- 'm'
Try 'cat --help' for more information.
ubuntu@ubuntu:~$ cat -n rahul.txt
cat: rahul.txt: No such file or directory
ubuntu@ubuntu:~$ cd rahul
ubuntu@ubuntu:~/rahul$ cat -n rahul.txt
 1 How are you
 2 i'm fine
ubuntu@ubuntu:~/rahul$ cat >demo.txt
Hi
hello
^Z
[1]+  Stopped                  cat > demo.txt
ubuntu@ubuntu:~/rahul$ ls
demo.txt rahul.txt
ubuntu@ubuntu:~/rahul$ demo.txt
demo.txt: command not found
ubuntu@ubuntu:~/rahul$ gedit demo.txt
ubuntu@ubuntu:~/rahul$ cat demo.txt
Hi
hello
ubuntu@ubuntu:~/rahul$ cat -n demo.txt
 1 Hi
 2 hello
ubuntu@ubuntu:~/rahul$ cat -n demo.txt rahul.txt
 1 Hi
 2 hello
 3 How are you
 4 i'm fine
ubuntu@ubuntu:~/rahul$ cat demo.txt> rahul.txt
ubuntu@ubuntu:~/rahul$ cat demo.txt
Hi
hello
ubuntu@ubuntu:~/rahul$ cat rahul.txt
Hi
hello
ubuntu@ubuntu:~/rahul$ cat demo.txt> rahul.txt
```

```
Activities Terminal Sep 14 12:28 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ cat demo.txt
Hi
hello
ubuntu@ubuntu:~/rahul$ cat rahul.txt
Hi
hello
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ cat demo1.txt
Hi rahul how are you?
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ man vim
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vi demo1.txt
ubuntu@ubuntu:~/rahul$ nano demo.txt
ubuntu@ubuntu:~/rahul$ ge

Command 'ge' not found, but can be installed with:
sudo apt install pvm-examples

ubuntu@ubuntu:~/rahul$ ge
gedit      geqn      geteltorito  getkeycodes  getpcaps      getty
genisoimage  getcap    getent      getopt      gettext      getweb
genl        getconf   getfacl     getopts     gettext.sh

ubuntu@ubuntu:~/rahul$ chmod 555 demo.txt
ubuntu@ubuntu:~/rahul$ ls-l
ls-l: command not found
ubuntu@ubuntu:~/rahul$ ls -l
total 12
-rw-rw-r-- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu  10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu  10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$ chmod 222 demo1.txt
ubuntu@ubuntu:~/rahul$ ls -l
total 12
-rw-rw-r-- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu  10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu  10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$
```

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Activities Terminal Sep 14 12:28 ubuntu@ubuntu: ~/rahul

hello
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ cat demo1.txt
Hi rahul how are you?
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ man vim
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vim demo1.txt
ubuntu@ubuntu:~/rahul$ vi demo1.txt
ubuntu@ubuntu:~/rahul$ nano demo.txt
ubuntu@ubuntu:~/rahul$ ge

Command 'ge' not found, but can be installed with:
sudo apt install pvm-examples

ubuntu@ubuntu:~/rahul$ ge
gedit      geqn      geteltorito  getkeycodes  getpcaps      getty
genisoimage  getcap    getent      getopt      gettext      getweb
genl        getconf   getfacl     getopts     gettext.sh

ubuntu@ubuntu:~/rahul$ chmod 555 demo.txt
ubuntu@ubuntu:~/rahul$ ls-l
ls-l: command not found
ubuntu@ubuntu:~/rahul$ ls -l
total 12
-rw-rw-r-- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu  10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu  10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$ chmod 222 demo1.txt
ubuntu@ubuntu:~/rahul$ ls -l
total 12
-rw-rw-r-- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu  10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu  10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$
```

```
Activities Terminal ▾ Sep 14 12:53 ● ubuntu@ubuntu: ~/rahul
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ grep line rahul.txt
ubuntu@ubuntu:~/rahul$ grep of rahul.txt
ubuntu@ubuntu:~/rahul$ ls
demo1.txt demo.txt rahul.txt
ubuntu@ubuntu:~/rahul$ grep line demo1.txt
grep: demo1.txt: Permission denied
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
ubuntu@ubuntu:~/rahul$ grep -i of demoo.txt
ubuntu@ubuntu:~/rahul$ grep hi demoo.txt
hi
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
[3]+ Stopped grep --color=auto -i demoo.txt
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
you hi statement line
line
of line to line
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
[4]+ Stopped grep --color=auto -i demoo.txt
ubuntu@ubuntu:~/rahul$ grep -t demoo.txt
grep: invalid option -- 't'
Usage: grep [OPTION]... PATTERNS [FILE]...
Try 'grep --help' for more information.
ubuntu@ubuntu:~/rahul$ grep -n demoo.txt
^[D^Z
[5]+ Stopped grep --color=auto -n demoo.txt
ubuntu@ubuntu:~/rahul$ grep -n of demoo.txt
6:of line to line
ubuntu@ubuntu:~/rahul$ grep -i of demoo.txt
of line to line
ubuntu@ubuntu:~/rahul$ grep -c of demoo.txt
1
ubuntu@ubuntu:~/rahul$
```

```
Activities Terminal ▾ Sep 14 14:02 ● ubuntu@ubuntu: ~/rahul
total 12
-rw-rw-r-- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu 10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu 10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$ chmod 222 demo1.txt
ubuntu@ubuntu:~/rahul$ ls -l
total 12
--w--w--w- 1 ubuntu ubuntu 268 Sep 14 12:19 demo1.txt
-r-xr-xr-x 1 ubuntu ubuntu 10 Sep 14 11:19 demo.txt
-rw-rw-r-- 1 ubuntu ubuntu 10 Sep 14 11:22 rahul.txt
ubuntu@ubuntu:~/rahul$ man grep
ubuntu@ubuntu:~/rahul$ grep demo1.txt
^Z
[2]+ Stopped grep --color=auto demo1.txt
ubuntu@ubuntu:~/rahul$ grep line demo1.txt
grep: demo1.txt: Permission denied
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ grep line rahul.txt
ubuntu@ubuntu:~/rahul$ grep of rahul.txt
ubuntu@ubuntu:~/rahul$ ls
demo1.txt demo.txt rahul.txt
ubuntu@ubuntu:~/rahul$ grep line demo1.txt
grep: demo1.txt: Permission denied
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
ubuntu@ubuntu:~/rahul$ grep -i of demoo.txt
ubuntu@ubuntu:~/rahul$ grep hi demoo.txt
hi
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
[3]+ Stopped grep --color=auto -i demoo.txt
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
you hi statement line
line
of line to line
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
```



```
Activities Terminal Sep 14 14:02 ubuntu@ubuntu: ~/rahul

^Z
[2]+ Stopped grep --color=auto demo1.txt
ubuntu@ubuntu:~/rahul$ grep line demo1.txt
grep: demo1.txt: Permission denied
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ grep line rahul.txt
ubuntu@ubuntu:~/rahul$ grep of rahul.txt
ubuntu@ubuntu:~/rahul$ ls
demo1.txt demo.txt rahul.txt
ubuntu@ubuntu:~/rahul$ grep line demo1.txt
grep: demo1.txt: Permission denied
ubuntu@ubuntu:~/rahul$ grep line demo.txt
ubuntu@ubuntu:~/rahul$ gedit demo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
ubuntu@ubuntu:~/rahul$ grep -i of demoo.txt
ubuntu@ubuntu:~/rahul$ grep hi demoo.txt
hi
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
[3]+ Stopped grep --color=auto -i demoo.txt
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ grep line demoo.txt
you hi statement line
line
of line to line
ubuntu@ubuntu:~/rahul$ grep -i demoo.txt
^Z
[4]+ Stopped grep --color=auto -i demoo.txt
ubuntu@ubuntu:~/rahul$ grep -t demoo.txt
grep: invalid option -- 't'
Usage: grep [OPTION]... PATTERNS [FILE]...
Try 'grep --help' for more information.
ubuntu@ubuntu:~/rahul$ grep -n demoo.txt
^[[D^Z
[5]+ Stopped grep --color=auto -n demoo.txt
ubuntu@ubuntu:~/rahul$ grep -n of demoo.txt
6:of line to line
ubuntu@ubuntu:~/rahul$ grep -i of demoo.txt
of line to line

Activities Terminal Sep 14 14:32 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ head demoo.txt
hi
hello
bye see
you hi statement line
line
of line to line
ubuntu@ubuntu:~/rahul$ tail demoo.txt
hi
hello
bye see
you hi statement line
line
of line to line
ubuntu@ubuntu:~/rahul$ gedit demoo.txt
ubuntu@ubuntu:~/rahul$ head demoo.txt
hi
hello
bye see
you hi statement line
line
of line to line
see
big
head
tail
ubuntu@ubuntu:~/rahul$ tail demoo.txt
bye see
you hi statement line
line
of line to line
see
big
head
tail
bone
India
ubuntu@ubuntu:~/rahul$ head-n 4 demoo.txt
head: no command not found
```



```
Activities Terminal Sep 14 17:50
ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ bg
[8]+ sort - name.txt &
ubuntu@ubuntu:~/rahul$ fg
sort - name.txt
^C
ubuntu@ubuntu:~/rahul$ bg
[7]+ wc &
ubuntu@ubuntu:~/rahul$ fg
wc
^C
ubuntu@ubuntu:~/rahul$ fg
telnet
^Z
[6]+ Stopped telnet
ubuntu@ubuntu:~/rahul$ bg
[6]+ telnet &
ubuntu@ubuntu:~/rahul$ fg
[6]+ Stopped telnet
ubuntu@ubuntu:~/rahul$ gedit name.txt&
[7] 109850
ubuntu@ubuntu:~/rahul$ fg name.txt
bash: fg: name.txt: no such job
ubuntu@ubuntu:~/rahul$ ps
  PID TTY          TIME CMD
 2543 pts/0    00:00:00 bash
106027 pts/0    00:00:00 cat
106622 pts/0    00:00:00 grep
106651 pts/0    00:00:00 grep
106667 pts/0    00:00:00 grep
106669 pts/0    00:00:00 grep
109122 pts/0    00:00:00 telnet
109850 pts/0    00:00:01 gedit
109857 pts/0    00:00:00 ps
ubuntu@ubuntu:~/rahul$ fg 109850
bash: fg: 109850: no such job
ubuntu@ubuntu:~/rahul$
```

```
Activities Terminal Sep 14 17:50
ubuntu@ubuntu: ~/rahul

-Z,--context REGEXP kill only process(es) having context
(must precede other arguments)

ubuntu@ubuntu:~/rahul$ bg
[9]+ sort - name.txt &
ubuntu@ubuntu:~/rahul$ fg
sort - name.txt
^Z
[9]+ Stopped sort - name.txt
ubuntu@ubuntu:~/rahul$ fg
sort - name.txt
^C
ubuntu@ubuntu:~/rahul$ bg
[8]+ sort - name.txt &
ubuntu@ubuntu:~/rahul$ man fg
No manual entry for fg
ubuntu@ubuntu:~/rahul$ man bg
No manual entry for bg
ubuntu@ubuntu:~/rahul$ bg
[8]+ sort - name.txt &
ubuntu@ubuntu:~/rahul$ fg
sort - name.txt
^C
ubuntu@ubuntu:~/rahul$ bg
[7]+ wc &
ubuntu@ubuntu:~/rahul$ fg
wc
^C
ubuntu@ubuntu:~/rahul$ fg
telnet
^Z
[6]+ Stopped telnet
ubuntu@ubuntu:~/rahul$ bg
[6]+ telnet &
```

```
Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

< rahul
9a7,9
> rahul
> gn
> gnr
ubuntu@ubuntu:~/rahul$ gedit name.txt
ubuntu@ubuntu:~/rahul$ gedit name1.txt
ubuntu@ubuntu:~/rahul$ diff name.txt name1.txt
ubuntu@ubuntu:~/rahul$ gedit name1.txt
ubuntu@ubuntu:~/rahul$ diff name.txt name1.txt
9a10
> Rahul
ubuntu@ubuntu:~/rahul$ dir name.txt
name.txt
ubuntu@ubuntu:~/rahul$ dir name
dir: cannot access 'name': No such file or directory
ubuntu@ubuntu:~/rahul$ dir name.txt
name.txt
ubuntu@ubuntu:~/rahul$ man dirname
ubuntu@ubuntu:~/rahul$ dirname name.txt
.
ubuntu@ubuntu:~/rahul$ ls
demo1.txt demo1.txt~ demoo.txt demo.txt index.html index.html.1 name1.txt name.txt rahul.txt
ubuntu@ubuntu:~/rahul$ dirname
dirname: missing operand
Try 'dirname --help' for more information.
ubuntu@ubuntu:~/rahul$ dirname name.txt
.
ubuntu@ubuntu:~/rahul$ pwd
/home/ubuntu/rahul
ubuntu@ubuntu:~/rahul$ dir
demo1.txt demo1.txt~ demoo.txt demo.txt index.html index.html.1 name1.txt name.txt rahul.txt
ubuntu@ubuntu:~/rahul$ dirname /home/ubuntu/rahul/name.txt
/home/ubuntu/rahul
ubuntu@ubuntu:~/rahul$ killall
Usage: killall [ -Z CONTEXT ] [ -u USER ] [ -y TIME ] [ -o TIME ] [ -eIgiqrwv ]
[ -s SIGNAL | -SIGNAL ] NAME...
killall -l, --list

Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

gn
dhoni
darshan
ubuntu@ubuntu:~/rahul$ gedit name1.txt
ubuntu@ubuntu:~/rahul$ diff name.txt name1.txt
1,6c1
< Rahul
< gn
< yuvi
< dhoni
< virat
< darshan
...
> rahul gnr
8a4
> gnr
ubuntu@ubuntu:~/rahul$ gedit name1.txt
ubuntu@ubuntu:~/rahul$ diff name.txt name1.txt
1c1
< Rahul
...
> rahul
6,8d5
< darshan
< gn
< rahul
9a7,9
> rahul
> gn
> gnr
ubuntu@ubuntu:~/rahul$ gedit name1.txt
ubuntu@ubuntu:~/rahul$ gedit name.txt
ubuntu@ubuntu:~/rahul$ diff name.txt name1.txt
1c1
< rahul
...
> rahul
6,8d5
```

```
Activities Terminal ▾ Sep 14 17:50 • ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ uniq name.txt | uniq
Rahul
gn
yuvi
dhoni
virat
darshan
gn
rahul
yuvi
ubuntu@ubuntu:~/rahul$ sort name.txt | uniq
darshan
dhoni
gn
rahul
Rahul
virat
yuvi
ubuntu@ubuntu:~/rahul$ sort - name.txt
^Z
[9]+  Stopped                  sort - name.txt
ubuntu@ubuntu:~/rahul$ sort -name.txt
sort: invalid option -- 'a'
Try 'sort --help' for more information.
ubuntu@ubuntu:~/rahul$ sort -1 name.txt
sort: invalid option -- '1'
Try 'sort --help' for more information.
ubuntu@ubuntu:~/rahul$ man sort
ubuntu@ubuntu:~/rahul$ sort -r name.txt
yuvi
yuvi
virat
Rahul
rahul
gn
gn
dhoni
dhoni
```

```
Activities Terminal ▾ Sep 14 17:50 • ubuntu@ubuntu: ~/rahul

virat
yuvi
yuvi
ubuntu@ubuntu:~/rahul$ uniq name.txt
Rahul
gn
yuvi
dhoni
virat
darshan
gn
rahul
yuvi
ubuntu@ubuntu:~/rahul$ uniq name.txt|uniq
Rahul
gn
yuvi
dhoni
virat
darshan
gn
rahul
yuvi
ubuntu@ubuntu:~/rahul$ uniq name.txt | uniq
Rahul
gn
yuvi
dhoni
virat
darshan
gn
rahul
yuvi
ubuntu@ubuntu:~/rahul$ uniq name.txt |uniq
Rahul
gn
yuvi
dhoni
```



```
Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

/usr/bin/ls
ubuntu@ubuntu:~/rahul$ wc
^Z
[7]+ Stopped wc
ubuntu@ubuntu:~/rahul$ man wc
ubuntu@ubuntu:~/rahul$ man wc
ubuntu@ubuntu:~/rahul$ wc demoo.txt
12 19 90 demoo.txt
ubuntu@ubuntu:~/rahul$ gedit name.txt
ubuntu@ubuntu:~/rahul$ gedit name.txt
ubuntu@ubuntu:~/rahul$ sort name.txt
darshan
dhoni
gn
gn
rahul
Rahul
virat
yuvi
yuvi
ubuntu@ubuntu:~/rahul$ sort -name.txt
sort: invalid option -- 'a'
Try 'sort --help' for more information.
ubuntu@ubuntu:~/rahul$ sort - name.txt
^Z
[8]+ Stopped sort - name.txt
ubuntu@ubuntu:~/rahul$ sort -name.txt
sort: invalid option -- 'a'
Try 'sort --help' for more information.
ubuntu@ubuntu:~/rahul$ sort name.txt
darshan
dhoni
gn
gn
rahul
Rahul
virat
yuvi
yuvi
```

```
Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ telnet
telnet> ^Z
[6]+ Stopped telnet
ubuntu@ubuntu:~/rahul$ man telnet
ubuntu@ubuntu:~/rahul$ hostname
ubuntu
ubuntu@ubuntu:~/rahul$ who
ubuntu :0 2021-09-14 08:43 (:0)
ubuntu@ubuntu:~/rahul$ who am i
ubuntu@ubuntu:~/rahul$ whoami
ubuntu
ubuntu@ubuntu:~/rahul$ where
where: command not found
ubuntu@ubuntu:~/rahul$ man where
No manual entry for where
ubuntu@ubuntu:~/rahul$ echo >demo.txt
bash: demo.txt: Permission denied
ubuntu@ubuntu:~/rahul$ echo >demo1.txt
ubuntu@ubuntu:~/rahul$ echo > demo1.txt
ubuntu@ubuntu:~/rahul$ alias la='ls-a'
ubuntu@ubuntu:~/rahul$ ls-a
ls-a: command not found
ubuntu@ubuntu:~/rahul$ ls -a
. . . demo1.txt demo1.txt~ demoo.txt demo.txt index.html index.html.1 rahul.txt
ubuntu@ubuntu:~/rahul$ la
ls-a: command not found
ubuntu@ubuntu:~/rahul$ alias la='ls -a'
ubuntu@ubuntu:~/rahul$ ls -a
. . . demo1.txt demo1.txt~ demoo.txt demo.txt index.html index.html.1 rahul.txt
ubuntu@ubuntu:~/rahul$ la
. . . demo1.txt demo1.txt~ demoo.txt demo.txt index.html index.html.1 rahul.txt
ubuntu@ubuntu:~/rahul$ which
ubuntu@ubuntu:~/rahul$ man which
ubuntu@ubuntu:~/rahul$ which -a
ubuntu@ubuntu:~/rahul$ which ls
/usr/bin/ls
ubuntu@ubuntu:~/rahul$ wc
^Z
```

```
Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

ubuntu@ubuntu:~/rahul$ ip r
default via 10.0.2.2 dev enp0s3 proto dhcp metric 100
10.0.2.0/24 dev enp0s3 proto kernel scope link src 10.0.2.15 metric 100
169.254.0.0/16 dev enp0s3 scope link metric 1000
ubuntu@ubuntu:~/rahul$ ifconfig
Command 'ifconfig' not found, but can be installed with:
sudo apt install net-tools

ubuntu@ubuntu:~/rahul$ sudo apt-get install net-tools
[sudo] password for ubuntu:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
  libfprint-2-tod1 libllvm9 linux-headers-5.4.0-26 linux-headers-5.4.0-26-generic
  linux-image-5.4.0-26-generic linux-modules-5.4.0-26-generic linux-modules-extra-5.4.0-26-generic
Use 'sudo apt autoremove' to remove them.
The following NEW packages will be installed:
  net-tools
0 upgraded, 1 newly installed, 0 to remove and 227 not upgraded.
Need to get 196 kB of archives.
After this operation, 864 kB of additional disk space will be used.
Get:1 http://in.archive.ubuntu.com/ubuntu focal/main amd64 net-tools amd64 1.60+git20180626.aebd88e-1ubu
ntu1 [196 kB]
Fetched 196 kB in 1s (213 kB/s)
Selecting previously unselected package net-tools.
(Reading database ... 223247 files and directories currently installed.)
Preparing to unpack .../net-tools_1.60+git20180626.aebd88e-1ubuntu1_amd64.deb ...
Unpacking net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Setting up net-tools (1.60+git20180626.aebd88e-1ubuntu1) ...
Processing triggers for man-db (2.9.1-1) ...
ubuntu@ubuntu:~/rahul$ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
    inet6 fe80::f01c:2876:5c75:d8d8 prefixlen 64 scopeid 0x20<link>
    ether 08:00:27:1d:71:10 txqueuelen 1000 (Ethernet)

Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahul

39 pwd
40 mkdir rahul
41 clear
42 pwd
43 mkdir rahulgn
44 ls
45 ls -a
46 ls -l
47 rmdir -r rahul
48 rmdir rahul
49 pwd
50 mkdir rahul
51 ls
52 ls -a
53 ls -l
54 rmdir rahulgn
55 cd rahul
56 pwd
57 cd..
58 cd ..
59 cd /
60 pwd
61 cd/home/ubuntu/
62 cd/home/ubuntu
63 cd ..
64 /cd/home/ubuntu
65 cd /home/ubuntu
66 pwd
67 cd rahul
68 vi rahul.java
69 gedit rahul.java
70 cc rahul.java
71 vim rahul.java
72 sudo apt instal vim
73 sudo apt install vim
74 vim rahul.java
75 vim rahulgn.java
76 ls
77 cd rahulgn
```

```
Activities Terminal Sep 13 16:41 ubuntu@ubuntu: ~/rahu

ubuntu@ubuntu:~$ pwd
/home/ubuntu
ubuntu@ubuntu:~$ mkdir rahu
ubuntu@ubuntu:~$ ls
4b.html Desktop Downloads pg3.html pg4.html pg5.html pgm2.html Public rahuign Templates
8p.php Documents Music pg4a.html pg5.css pg8.php Pictures rahu snap Videos
ubuntu@ubuntu:~$ ls -a
. .config pg3.html .profile .thunderbird
.. Desktop pg4a.html Public .vboxclient-clipboard.pid
4b.html Documents pg4.html rahu .vboxclient-display-svga-x11.pid
8p.php Downloads pg5.css rahuign .vboxclient-draganddrop.pid
.bash_history .gnupg pg5.html snap .vboxclient-seamless.pid
.bash_logout .local pg8.php .ssh Videos
.bashrc .mozilla pgm2.html .sudo_as_admin_successful
.cache Music Pictures Templates
ubuntu@ubuntu:~$ ls -l
total 76
-rw-rw-r-- 1 ubuntu ubuntu 336 Jan 27 2021 4b.html
-rw-rw-r-- 1 ubuntu ubuntu 909 Jan 26 2021 8p.php
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 Desktop
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Documents
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Downloads
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Music
-rw-rw-r-- 1 ubuntu ubuntu 741 Jan 26 2021 pg3.html
-rw-rw-r-- 1 ubuntu ubuntu 348 Jan 26 2021 pg4a.html
-rw-rw-r-- 1 ubuntu ubuntu 395 Jan 26 2021 pg4.html
-rw-rw-r-- 1 ubuntu ubuntu 187 Jan 26 2021 pg5.css
-rw-rw-r-- 1 ubuntu ubuntu 214 Jan 26 2021 pg5.html
-rw-rw-r-- 1 ubuntu ubuntu 0 Jan 26 2021 pg8.php
-rw-rw-r-- 1 ubuntu ubuntu 399 Jan 26 2021 pgm2.html
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Pictures
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Public
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:29 rahu
drwxrwxr-x 2 ubuntu ubuntu 4096 Sep 13 12:19 rahuign
drwxr-xr-x 3 ubuntu ubuntu 4096 Jan 26 2021 snap
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Templates
drwxr-xr-x 2 ubuntu ubuntu 4096 Jan 26 2021 Videos
ubuntu@ubuntu:~$ rmdir rahuign
rmdir: failed to remove 'rahuign': Directory not empty

Activities Terminal Sep 14 17:50 ubuntu@ubuntu: ~/rahu

ubuntu@ubuntu:~/rahu$ head -n 4 demoo.txt
head -n: command not found
ubuntu@ubuntu:~/rahu$ head -n 4 demoo.txt
hi
hello
bye see
you hi statement line
ubuntu@ubuntu:~/rahu$ tail -n 4 demoo.txt
head
tail
bone
India
ubuntu@ubuntu:~/rahu$ vim demo1.txt
ubuntu@ubuntu:~/rahu$ uname
Linux
ubuntu@ubuntu:~/rahu$ man uname
ubuntu@ubuntu:~/rahu$ uname -a
Linux ubuntu 5.8.0-40-generic #45~20.04.1-Ubuntu SMP Fri Jan 15 11:35:04 UTC 2021 x86_64 x86_64 x86_64 G
NU/Linux
ubuntu@ubuntu:~/rahu$ uname -v
#45~20.04.1-Ubuntu SMP Fri Jan 15 11:35:04 UTC 2021
ubuntu@ubuntu:~/rahu$ history
1 gedit 8p.php
2 reeboot
3 reboot
4 sudo service apache2start
5 gedit /var/www/html/pgm8.php
6 gedit 8p.php
7 http://localhost/8p.php
8 gedit 8p.php
9 sudo apache2 start
10 gedit 8p.php
11 sudo apache2 start
12 gedit /var/www/html/pgm8.php
13 gedit www/html/pgm8.php
14 sudo chmod777-R/var/www/html
15 sudo chmod777-R /var/www/html
16 gedit www/html/pgm8.php
17 gedit www/html/pgm8.php
```



```
Activities Terminal ▾ Sep 14 17:50 • ubuntu@ubuntu: ~/rahul

#45-20.04.1-Ubuntu SMP Fri Jan 15 11:35:04 UTC 2021
ubuntu@ubuntu:~/rahul$ history
1  gedit 8p.php
2  reeboot
3  reboot
4  sudo service apache2start
5  gedit/var/www/html/pgm8.php
6  gedit 8p.php
7  http://localhost/8p.php
8  gedit 8p.php
9  sudo apache2 start
10 gedit 8p.php
11 sudo apache2 start
12 gedit /var/www/html/pgm8.php
13 gedit www/html/pgm8.php
14 sudo chmod777-R/var/www/html
15 sudo chmod777-R /var/www/html
16 gedit www/html/pgm8.php
17 gedit html/pgm8.php
18 sudo apt-get install taskset
19 sudo taskset
20 gedit computer/var/www/html/pgm8.php
21 cd computer
22 cd var
23 ls
24 cd desktop
25 cd/computer
26 gedit /var/www/html/pgm8.php
27 chmod
28 chmod computer
29 chmod computer/var/www/html
30 gedit /var/www/html/pgm8.php
31 gedit www/html/pgm8.php
32 cal
33 ls
34 clear
35 pwd
36 mkdir rahul
37

207 uname -v
208 history
ubuntu@ubuntu:~/rahul$ man history
ubuntu@ubuntu:~/rahul$ wget
wget: missing URL
Usage: wget [OPTION]... [URL]...

Try 'wget --help' for more options.
ubuntu@ubuntu:~/rahul$ man wget
ubuntu@ubuntu:~/rahul$ wget www.google.com
--2021-09-14 15:20:47-- http://www.google.com/
Resolving www.google.com (www.google.com)... 142.250.67.36, 2404:6800:4007:804::2004
Connecting to www.google.com (www.google.com)[142.250.67.36]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: unspecified [text/html]
Saving to: 'index.html'

index.html          [ <=> ] 15.86K --.-KB/s in 0.04s

2021-09-14 15:20:47 (407 KB/s) - 'index.html' saved [16237]

ubuntu@ubuntu:~/rahul$ wget www.nad.com
--2021-09-14 15:20:58-- http://www.nad.com/
Resolving www.nad.com (www.nad.com)... 161.35.232.159
Connecting to www.nad.com (www.nad.com)[161.35.232.159]:80... connected.
HTTP request sent, awaiting response... 301 Moved Permanently
Location: https://www.nad.com/ [following]
--2021-09-14 15:20:59-- https://www.nad.com/
Connecting to www.nad.com (www.nad.com)[161.35.232.159]:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 29004 (28K) [text/html]
Saving to: 'index.html.1'

index.html.1        100%[=====] 28.32K --.-KB/s in 0.01s

2021-09-14 15:21:00 (2.20 MB/s) - 'index.html.1' saved [29004/29004]

ubuntu@ubuntu:~/rahul$ ip r
default via 10.0.2.2 dev ens3 src 10.0.2.1
```