

```

--snap--11*[{snap}]
--snapd-desktop-i--snapd-desktop-i--4*[{snapd-desktop-i}]
--tracker-miner-f--7*[{tracker-miner-f}]
--wireplumber--5*[{wireplumber}]
--xdg-desktop-por--6*[{xdg-desktop-por}]
--xdg-desktop-por--5*[{xdg-desktop-por}]
--xdg-desktop-por--4*[{xdg-desktop-por}]
--xdg-document-po--fusermount3
                        6*[{xdg-document-po}]
--xdg-permission--3*[{xdg-permission-}]
--systemd-journal
--systemd-logind
--systemd-oond
--systemd-resolve
--systemd-timesyn--{systemd-timesyn}
--systemd-udev
--thermald--4*[{thermald}]
--udisksd--5*[{udisksd}]
--unattended-upgr--{unattended-upgr}
--upowerd--3*[{upowerd}]
--wpa_supplicant

```

(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun\$ sudo

usage: sudo -h | -K | -k | -V

usage: sudo -v [-ABkNnS] [-g group] [-h host] [-p prompt] [-u user]

usage: sudo -l [-ABkNnS] [-g group] [-h host] [-p prompt] [-U user]
 [-u user] [command [arg ...]]

usage: sudo [-ABbEHkNnPS] [-r role] [-t type] [-C num] [-D directory]
 [-g group] [-h host] [-p prompt] [-R directory] [-T timeout]
 [-u user] [VAR=value] [-i | -s] [command [arg ...]]

usage: sudo -e [-ABkNnS] [-r role] [-t type] [-C num] [-D directory]
 [-g group] [-h host] [-p prompt] [-R directory] [-T timeout]
 [-u user] file ...

(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun\$ ps -o pid,ppid,cmd

PID	PPID	CMD
7473	7466	bash
7723	7473	ps -o pid,ppid,cmd

(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun\$

```
goa-daemon—4*[{goa-daemon}]
goa-identity-se—3*[{goa-identity-se}]
gsd-a11y-settin—4*[{gsd-a11y-settin}]
gsd-color—4*[{gsd-color}]
gsd-datetime—4*[{gsd-datetime}]
gsd-housekeepin—4*[{gsd-housekeepin}]
gsd-keyboard—4*[{gsd-keyboard}]
gsd-media-keys—4*[{gsd-media-keys}]
gsd-power—4*[{gsd-power}]
gsd-print-notif—3*[{gsd-print-notif}]
gsd-printer—3*[{gsd-printer}]
gsd-rfkill—3*[{gsd-rfkill}]
gsd-screensaver—3*[{gsd-screensaver}]
gsd-sharing—4*[{gsd-sharing}]
gsd-smartcard—4*[{gsd-smartcard}]
gsd-sound—4*[{gsd-sound}]
gsd-wacom—4*[{gsd-wacom}]
gvfs-afc-volume—4*[{gvfs-afc-volume}]
gvfs-goa-volume—3*[{gvfs-goa-volume}]
gvfs-gphoto2-vo—3*[{gvfs-gphoto2-vo}]
gvfs-mtp-volume—3*[{gvfs-mtp-volume}]
gvfs-udisks2-vo—4*[{gvfs-udisks2-vo}]
gvfsd—gvfsd-http—3*[{gvfsd-http}]
      gvfsd-recent—3*[{gvfsd-recent}]
      gvfsd-trash—4*[{gvfsd-trash}]
      3*[{gvfsd}]
gvfsd-fuse—6*[{gvfsd-fuse}]
gvfsd-metadata—3*[{gvfsd-metadata}]
ibus-daemon—ibus-dconf—4*[{ibus-dconf}]
             ibus-engine-sim—3*[{ibus-engine-sim}]
             ibus-extension—4*[{ibus-extension-}]
             3*[{ibus-daemon}]
ibus-portal—3*[{ibus-portal}]
nautilus—14*[{nautilus}]
2*[pipewire—2*[{pipewire}]]
pipewire-pulse—2*[{pipewire-pulse}]
snap—11*[{snap}]
snapd-desktop-i—snapd-desktop-i—4*[{snapd-desktop-i}]
```

```

-cups-browsed—5*[{cups-browsed}]
-cupsd
-dbus-daemon
-fwupd—5*[{fwupd}]
-gdm3—gdm-session-wor—gdm-wayland-ses—gnome-session-b—3*[{gnome-session-b}]
      |                  |                  |3*[{gdm-wayland-ses}]
      |                  |3*[{gdm-session-wor}]
      |3*[{gdm3}]
-gnome-remote-de—3*[{gnome-remote-de}]
-2*[kerneloops]
-polkitd—3*[{polkitd}]
-power-profiles.—3*[{power-profiles-}]
-rsyslogd—3*[{rsyslogd}]
-rtkit-daemon—2*[{rtkit-daemon}]
-snapd—23*[{snapd}]
-switcheroo-cont—3*[{switcheroo-cont}]
-systemd—(sd-pam)
         |
         |at-spi2-registr—3*[{at-spi2-registr}]
         |
         |dbus-daemon
         |
         |dconf-service—3*[{dconf-service}]
         |
         |evolution-addre—6*[{evolution-addre}]
         |
         |evolution-calen—9*[{evolution-calen}]
         |
         |evolution-sourc—4*[{evolution-sourc}]
         |
         |gcr-ssh-agent—2*[{gcr-ssh-agent}]
         |
         |2*[gjs—11*[{gjs}]]
         |
         |gnome-keyring-d—4*[{gnome-keyring-d}]
         |
         |gnome-session-b—at-spi-bus-laun—dbus-daemon
         |                  |                  |4*[{at-spi-bus-laun}]
         |                  |
         |                  |evolution-alarm—7*[{evolution-alarm}]
         |                  |
         |                  |gsd-disk-utilit—3*[{gsd-disk-utilit}]
         |                  |
         |                  |update-notifier—5*[{update-notifier}]
         |                  |4*[{gnome-session-b}]
         |
         |gnome-session-c—{gnome-session-c}
         |
         |gnome-shell—gjs—13*[{gjs}]
         |                  |
         |                  |23*[{gnome-shell}]
         |
         |gnome-shell-cal—6*[{gnome-shell-cal}]
         |
         |gnome-terminal.—bash—pstree
         |                  |
         |                  |5*[{gnome-terminal-}]

```

```
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ tg & dg
[1] 7659
bash: bg: job 1 already in background
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ bash: fg: no job control
Z
Z: command not found
[1]+  Exit 1          fg
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ bg
bash: bg: current: no such job
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ fg
bash: fg: current: no such job
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ jobs
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ kill
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ps
  PID TTY          TIME CMD
  7473 pts/0    00:00:00 bash
  7680 pts/0    00:00:00 ps
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ps
  PID TTY          TIME CMD
  7473 pts/0    00:00:00 bash
  7682 pts/0    00:00:00 ps
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ psthree
Command 'psthree' not found, did you mean:
  command 'pstree' from deb psmisc (23.6-1)
Try: sudo apt install <deb name>
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ pstree
systemd--ModemManager--3*[{ModemManager}]
        --NetworkManager--3*[{NetworkManager}]
        --accounts-daemon--3*[{accounts-daemon}]
        --avahi-daemon--avahi-daemon
        --bluetoothd
        --colord--3*[{colord}]
        --cron
        --cups-browsed--3*[{cups-browsed}]
        --cupsd
        --dbus-daemon
        --fwupd--5*[{fwupd}]
```

```
bash: ./: Is a directory
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ./aaa1
bash: ./aaa1: Permission denied
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ gcc aaa1.c -o aaa1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ./aaa1
hello
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 120
^C
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 5
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 30 &
[1] 7636
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 40 &
[2] 7637
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ jobs
[1]-  Running                  sleep 30 &
[2]+  Running                  sleep 40 &
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ notepad.exe
notepad.exe: command not found
[1]-  Done                     sleep 30
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ jobs
[2]+  Done                     sleep 40
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ls
a1  a1.c  aaa1  aaa1.c  a.out
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ jobs
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ cat extension.c
cat: extension.c: No such file or directory
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ cat aaa1.c
#include<stdio.h>
```

```
int main()
{
printf("hello");
return 0;
}
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ jobs
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ fg
bash: fg: current: no such job
```

```
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd Desktop
bash: cd: Desktop: No such file or directory
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd Desktop
bash: cd: Desktop: No such file or directory
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ cd varun
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ pwd
/home/rvu/Desktop/varun
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ls -a
.  ..
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ls -l
total 0
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano a1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano aaa1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 30
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano aaa1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ gcc aaa1.c
aaa1.c:2:9: fatal error: conio.h: No such file or directory
   2 | #include<conio.h>
     |                  ^
compilation terminated.
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ nano aaa1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ gcc aaa1.c
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ./
bash: ./: Is a directory
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ./aaa1
bash: ./aaa1: Permission denied
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ gcc aaa1.c -o aaa1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ ./aaa1
hello(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 120
^C
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop/varun$ sleep 5
```