

```
rvu@rvu-OptiPlex-SFF-7020: ~/Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~$ mkdir vaishnavi
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd vaishnavi
(base) rvu@rvu-OptiPlex-SFF-7020:~/vaishnavi$ cd -
/home/rvu
(base) rvu@rvu-OptiPlex-SFF-7020:~$ ls
anaconda3  Deekshith  Documents  exam.sh.save  manoj  p1.c  project  SectionC418  support.sh  Videos
chandana   Desktop    Downloads  hemanth       'mohith m'  Pictures  project.txt  see_practical_exam  Templates
Chandana   document   exam.sh    logfile.txt    Music      prog2.c   Public      snap            vaishnavi
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd vaishnavi
(base) rvu@rvu-OptiPlex-SFF-7020:~/vaishnavi$ cd ..
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls
chirag
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ pwd
/home/rvu/Desktop
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls -l
total 4
drwxrwxr-x 3 rvu rvu 4096 Nov 19 10:15 chirag
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ls -a
.  ..  chirag
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ nano
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ gcc p1.c -o out
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ./out
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ ./out
Helloo(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 30
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 1
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep &
[1] 6130
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep: missing operand
Try 'sleep --help' for more information.

[1]+  Exit 1                  sleep
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 30 &
[1] 6139
(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop$ sleep 40 &
[2] 6140
```

```
systemd-logind(1227)
systemd-oomd(924)
systemd-resolve(941)
systemd-timesyn(957) — {systemd-timesyn}(998)
systemd-udev(606)
thermald(1230) — {thermald}(1361)
                {thermald}(1362)
                {thermald}(1424)
                {thermald}(1553)
udisksd(1232) — {udisksd}(1308)
                {udisksd}(1310)
                {udisksd}(1423)
                {udisksd}(1507)
                {udisksd}(1536)
unattended-upgr(1638) — {unattended-upgr}(1693)
upowerd(1542) — {upowerd}(1549)
               {upowerd}(1550)
               {upowerd}(1551)
wpa_supplicant(1429)
```

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

[sudo] password for rvu:

install: missing destination file operand after 'gcc'

Try 'install --help' for more information.

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

PID	PPID	CMD
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3689	3681	bash
------	------	------

7762	3689	ps -o pid,ppid,cmd
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(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop\$ nano

(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop\$ chmod +x p1.sh

(base) rvu@rvu-OptiPlex-SFF-7020:~/Desktop\$./p1.sh

Parent PID:7959

PID	PPID	CMD
-----	------	-----

3689	3681	bash
------	------	------

7959	3689	/bin/bash ./p1.sh
------	------	-------------------

7960	7959	sleep 20
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7961	7959	ps -o pid,ppid,cmd
------	------	--------------------

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


```
systemd-logind
systemd-oomd
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$ pstree -p
```

```
systemd(1)─ModemManager(1483)─{ModemManager}(1508)
          │                  │{ModemManager}(1512)
          │                  │{ModemManager}(1514)
          └─NetworkManager(1427)─{NetworkManager}(1516)
                                │{NetworkManager}(1517)
                                └─{NetworkManager}(1518)
          └─accounts-daemon(1207)─{accounts-daemon}(1289)
                                │{accounts-daemon}(1290)
                                └─{accounts-daemon}(1420)
          └─avahi-daemon(1130)─avahi-daemon(1248)
          └─bluetoothd(1132)
          └─colord(1667)─{colord}(1695)
                       │{colord}(1696)
                       └─{colord}(1698)
          └─cron(1214)
          └─cups-browsed(2426)─{cups-browsed}(2435)
                             │{cups-browsed}(2436)
                             └─{cups-browsed}(2437)
          └─cupsd(1629)
          └─dbus-daemon(1134)
          └─fwupd(4204)─{fwupd}(4205)
                     │{fwupd}(4206)
                     │{fwupd}(4207)
                     │{fwupd}(4208)
                     └─{fwupd}(4210)
          └─gdm3(1676)─gdm-session-wor(2473)─gdm-wayland-ses(2626)─gnome-session-b(2635)─{gnome-session-b}(2717)
```