

```
GNU nano 7.2                                rvu@rvu-OptiPlex-SFF-7020: ~/shrihan
#!/bin/bash
echo "Parent PID:$$"
sleep 5&
echo "Child Process Created"
```

This Bash script prints its own process ID (\$\$), waits for 5 seconds, and then displays the message “Child Process Created.”

```
rvu@rvu-OptiPlex-SFF-7020: ~/shrihan
(base) rvu@rvu-OptiPlex-SFF-7020:~$ cd shrihan
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ nano process.sh
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ bash process.sh
Parent PID:3358
Child Process Created
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ nano process.sh
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ nano process.sh
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ bash process.sh
Parent PID:3408
Child Process Created
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ ps
  PID TTY          TIME CMD
 3119 pts/0    00:00:00 bash
 3414 pts/0    00:00:00 ps
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ ps -f
  UID    PID  PPID  C  STIME TTY          TIME CMD
rvu      3119   3112  0  14:10 pts/0    00:00:00 bash
rvu      3415   3119  0  14:17 pts/0    00:00:00 ps -f
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ ps -ef
  UID    PID  PPID  C  STIME TTY          TIME CMD
root      1      0  0  14:10 ?        00:00:01 /sbin/init splash
root      2      0  0  14:10 ?        00:00:00 [kthreadd]
root      3      2  0  14:10 ?        00:00:00 [pool_workqueue_release]
root      4      2  0  14:10 ?        00:00:00 [kworker/R-rcu_gp]
root      5      2  0  14:10 ?        00:00:00 [kworker/R-sync_wq]
root      6      2  0  14:10 ?        00:00:00 [kworker/R-kvfree_rcu_reclaim]
root      7      2  0  14:10 ?        00:00:00 [kworker/R-slub_flushwq]
root      8      2  0  14:10 ?        00:00:00 [kworker/R-netns]
root     10      2  0  14:10 ?        00:00:00 [kworker/0:0H-events_highpri]
root     11      2  0  14:10 ?        00:00:00 [kworker/0:1-events]
root     12      2  0  14:10 ?        00:00:00 [kworker/u80:0-events_unbound]
root     13      2  0  14:10 ?        00:00:00 [kworker/R-mm_percpu_wq]
root     14      2  0  14:10 ?        00:00:00 [rcu_tasks_kthread]
root     15      2  0  14:10 ?        00:00:00 [rcu_tasks_rude_kthread]
root     16      2  0  14:10 ?        00:00:00 [rcu_tasks_trace_kthread]
root     17      2  0  14:10 ?        00:00:00 [ksoftirqd/0]
root     18      2  0  14:10 ?        00:00:00 [rcu_preempt]
```

**ps** → Shows processes running in the current shell/session.

**ps -f** → Displays a full-format listing (UID, PID, PPID, start time, etc.) for processes in the current session.

**ps -ef** → Shows a full-format listing of **all processes** running on the system.

```
rvu@rvu-OptiPlex-SFF-7020: ~/shrihan
root 18      2  0 14:10 ?        00:00:00 [rcu_preempt]
root 19      2  0 14:10 ?        00:00:00 [rcu_exp_par_gp_kthread_worker/1]
root 20      2  0 14:10 ?        00:00:00 [rcu_exp_gp_kthread_worker]
root 21      2  0 14:10 ?        00:00:00 [migration/0]
root 22      2  0 14:10 ?        00:00:00 [idle_inject/0]
root 23      2  0 14:10 ?        00:00:00 [cpuhp/0]
root 24      2  0 14:10 ?        00:00:00 [cpuhp/2]
root 25      2  0 14:10 ?        00:00:00 [idle_inject/2]
root 26      2  0 14:10 ?        00:00:00 [migration/2]
root 27      2  0 14:10 ?        00:00:00 [ksoftirqd/2]
root 29      2  0 14:10 ?        00:00:00 [kworker/2:0H-events_highpri]
root 30      2  0 14:10 ?        00:00:00 [cpuhp/4]
root 31      2  0 14:10 ?        00:00:00 [idle_inject/4]
root 32      2  0 14:10 ?        00:00:00 [migration/4]
root 33      2  0 14:10 ?        00:00:00 [ksoftirqd/4]
root 35      2  0 14:10 ?        00:00:00 [kworker/4:0H-events_highpri]
root 36      2  0 14:10 ?        00:00:00 [cpuhp/6]
root 37      2  0 14:10 ?        00:00:00 [idle_inject/6]
root 38      2  0 14:10 ?        00:00:00 [migration/6]
root 39      2  0 14:10 ?        00:00:00 [ksoftirqd/6]
root 40      2  0 14:10 ?        00:00:00 [kworker/6:0-cgroup_destroy]
root 41      2  0 14:10 ?        00:00:00 [kworker/6:0H-events_highpri]
root 42      2  0 14:10 ?        00:00:00 [cpuhp/8]
root 43      2  0 14:10 ?        00:00:00 [idle_inject/8]
root 44      2  0 14:10 ?        00:00:00 [migration/8]
root 45      2  0 14:10 ?        00:00:00 [ksoftirqd/8]
root 47      2  0 14:10 ?        00:00:00 [kworker/8:0H-events_highpri]
root 48      2  0 14:10 ?        00:00:00 [cpuhp/10]
root 49      2  0 14:10 ?        00:00:00 [idle_inject/10]
root 50      2  0 14:10 ?        00:00:00 [migration/10]
root 51      2  0 14:10 ?        00:00:00 [ksoftirqd/10]
root 52      2  0 14:10 ?        00:00:00 [kworker/10:0-i915-unordered]
root 53      2  0 14:10 ?        00:00:00 [kworker/10:0H-events_highpri]
root 54      2  0 14:10 ?        00:00:00 [rcu_exp_par_gp_kthread_worker/2]
root 55      2  0 14:10 ?        00:00:00 [cpuhp/12]
root 56      2  0 14:10 ?        00:00:00 [idle_inject/12]
root 57      2  0 14:10 ?        00:00:00 [migration/12]
```

```
Feb 17 14:20
rvu@rvu-OptiPlex-SFF-7020: ~/shrihan
rvu 2967    2356  0 14:10 ?        00:00:00 gjs /usr/share/gnome-shell/extensions/ding@rastersoft.com/app/ding.js -E -P /usr/share/gnome-shell/e
rvu 3003    2088  0 14:10 ?        00:00:00 /usr/libexec/gvfsd-metadata
rvu 3021    2088  0 14:10 ?        00:00:00 /snap/snapd-desktop-integration/315/usr/bin/snapd-desktop-integration
rvu 3083    3021  0 14:10 ?        00:00:00 /snap/snapd-desktop-integration/315/usr/bin/snapd-desktop-integration
rvu 3112    2088  0 14:10 ?        00:00:01 /usr/libexec/gnome-terminal-server
rvu 3119    3112  0 14:10 pts/0    00:00:00 bash
root 3151      2  0 14:10 ?        00:00:00 [kworker/6:3-mm_percpu_wq]
rvu 3183    2315  0 14:11 ?        00:00:00 /usr/bin/update-notifier
rvu 3237    2088  0 14:11 ?        00:00:02 /usr/bin/python3 /usr/bin/update-manager --no-update --no-focus-on-map
root 3406      2  0 14:15 ?        00:00:00 [kworker/4:0]
rvu 3416    3119  0 14:18 pts/0    00:00:00 ps -ef
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$ top

top - 14:18:50 up 8 min, 1 user, load average: 0.07, 0.08, 0.07
Tasks: 363 total, 1 running, 362 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.2 sy, 0.0 ni, 99.5 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 15677.2 total, 13308.3 free, 1527.6 used, 1381.1 buff/cache
MiB Swap: 4096.0 total, 4096.0 free, 0.0 used, 14149.6 avail Mem

  PID USER      PR  NI   VIRT   RES   SHR  S  %CPU  %MEM    TIME+  COMMAND
 2356 rvu       20   0 5078540 290896 125692 S   6.0   1.8   0:10.68 gnome-shell
 3112 rvu       20   0 557844 57004 45268 S   2.3   0.4   0:02.36 gnome-terminal-
 692 root      0 -20    0      0      0 I   0.7   0.0   0:00.43 kworker/u81:1-i915_flip
 576 root     20   0    0      0      0 I   0.3   0.0   0:00.69 kworker/u80:14-events_unbound
 845 systemd+ 20   0 17556 7636 6732 S   0.3   0.0   0:00.21 systemd-oomd
 881 root    -51   0    0      0      0 S   0.3   0.0   0:02.83 irq/172-rtw89_pci
    1 root     20   0 23404 14552 9560 S   0.0   0.1   0:01.56 systemd
    2 root     20   0    0      0      0 S   0.0   0.0   0:00.00 kthreadd
    3 root     20   0    0      0      0 S   0.0   0.0   0:00.00 pool_workqueue_release
    4 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/R-rcu_gp
    5 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/R-sync_wq
    6 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/R-kvfree_rcu_reclaim
    7 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/R-slub_flushwq
    8 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/R-netns
   10 root     0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
   11 root     20   0    0      0      0 I   0.0   0.0   0:00.04 kworker/0:1-events
   12 root     20   0    0      0      0 I   0.0   0.0   0:00.10 kworker/u80:0-events_unbound
```

**top** → Displays a real-time, continuously updating view of system processes, showing CPU usage, memory usage, PID, user, and other performance details.

```
Feb 17 14:20
Screenshot Just now
Screenshot captured
You can paste the image from the clipboard.

MiB Swap: 4096.0 total, 4096.0 free, 0.0 us

PID USER PR NI VIRT RES SHR S %C
2356 rvu 20 0 5078540 290896 125692 S 6.0 1.8 0:10.68 gnome-shell
3112 rvu 20 0 557844 57004 45268 S 2.3 0.4 0:02.36 gnome-terminal-
692 root 0 -20 0 0 0 I 0.7 0.0 0:00.43 kworker/u81:1-i915_flip
576 root 20 0 0 0 0 I 0.3 0.0 0:00.69 kworker/u80:14-events_unbound
845 systemd+ 20 0 17556 7636 6732 S 0.3 0.0 0:00.21 systemd-oomd
881 root -51 0 0 0 0 S 0.3 0.0 0:02.83 irq/172-rtw89_pci
1 root 20 0 23404 14552 9560 S 0.0 0.1 0:01.56 systemd
2 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kthreadd
3 root 20 0 0 0 0 S 0.0 0.0 0:00.00 pool_workqueue_release
4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-rcu_gp
5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-sync_wq
6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-kvfree_rcu_reclaim
7 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-slub_flushwq
8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-netns
10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events_highpri
11 root 20 0 0 0 0 I 0.0 0.0 0:00.04 kworker/0:1-events
12 root 20 0 0 0 0 I 0.0 0.0 0:00.10 kworker/u80:0-events_unbound
13 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-mm_percpu_wq
14 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_kthread
15 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_rude_kthread
16 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthread
17 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ksoftirqd/0
18 root 20 0 0 0 0 I 0.0 0.0 0:00.30 rcu_preempt
19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_par_gp_kthread_worker/1
20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_gp_kthread_worker
21 root rt 0 0 0 S 0.0 0.0 0:00.00 migration/0
22 root -51 0 0 0 S 0.0 0.0 0:00.00 idle_inject/0
23 root 20 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
24 root 20 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
25 root -51 0 0 0 S 0.0 0.0 0:00.00 idle_inject/2

[1]+ Stopped top
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ jobs
[1]+ Stopped top
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$
```

**jobs** → Lists the background and suspended jobs running in the current shell session, along with their job IDs and status.

```
Feb 17 14:26
rvu@rvu-OptiPlex-SFF-7020: ~/shrihan

3112 rvu 20 0 558128 57292 45268 S 3.0 0.4 0:05.17 gnome-terminal-
18 root 20 0 0 0 0 I 0.3 0.0 0:00.66 rcu_preempt
345 root 20 0 0 0 0 I 0.3 0.0 0:01.54 kworker/u80:3-events_unbound
881 root -51 0 0 0 0 S 0.3 0.0 0:04.29 irq/172-rtw89_pci
2173 root 0 -20 0 0 0 I 0.3 0.0 0:00.10 kworker/u81:3-i915_flip
3417 rvu 20 0 14528 5900 3652 R 0.3 0.0 0:00.09 top
1 root 20 0 23404 14552 9560 S 0.0 0.1 0:01.60 systemd
2 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kthreadd
3 root 20 0 0 0 0 S 0.0 0.0 0:00.00 pool_workqueue_release
4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-rcu_gp
5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-sync_wq
6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-kvfree_rcu_reclaim
7 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-slub_flushwq
8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-netns
10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events_highpri
11 root 20 0 0 0 0 I 0.0 0.0 0:00.06 kworker/0:1-events
13 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-mm_percpu_wq
14 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_kthread
15 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_rude_kthread
16 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthread
17 root 20 0 0 0 0 S 0.0 0.0 0:00.00 ksoftirqd/0
19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_par_gp_kthread_worker/1
20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_gp_kthread_worker
21 root rt 0 0 0 S 0.0 0.0 0:00.01 migration/0
22 root -51 0 0 0 S 0.0 0.0 0:00.00 idle_inject/0
23 root 20 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
24 root 20 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
25 root -51 0 0 0 S 0.0 0.0 0:00.00 idle_inject/2
26 root rt 0 0 0 S 0.0 0.0 0:00.09 migration/2

[1]+ Stopped top
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ bg
[1]+ top &
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ kill
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]

[1]+ Stopped top
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$
```

**bg** → Resumes a suspended job and runs it in the background.

**fg** → Brings a background or suspended job to the foreground.

**kill** → Sends a signal (usually to terminate) to a process using its PID or job ID.

```
Feb 17 14:31
rvu@rvu-OptiPlex-SFF-7020: ~/shrihan

PID USER PR NI VIRT RES SHR S %CPU %MEM TIME+ COMMAND
2356 rvu 20 0 5153972 308352 131088 R 4.0 1.9 0:28.51 gnome-shell
3112 rvu 20 0 558128 57392 45268 S 3.6 0.4 0:06.99 gnome-terminal-
881 root -51 0 0 0 0 S 1.0 0.0 0:05.57 irq/172-rtw89_pci
4679 rvu 20 0 4324700 512896 227820 S 1.0 3.2 0:06.06 firefox
18 root 20 0 0 0 0 I 0.3 0.0 0:00.84 rcu_preempt
4936 root 20 0 0 0 0 I 0.3 0.0 0:00.15 kworker/u80:1-i915
5671 rvu 20 0 3502756 89768 72040 S 0.3 0.6 0:00.12 Isolated Web Co
5781 rvu 20 0 3495456 71944 56816 S 0.3 0.4 0:00.09 Web Content
1 root 20 0 23404 14552 9560 S 0.0 0.1 0:01.63 systemd
2 root 20 0 0 0 0 S 0.0 0.0 0:00.00 kthreadd
3 root 20 0 0 0 0 S 0.0 0.0 0:00.00 pool_workqueue_release
4 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-rcu_gp
5 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-sync_wq
6 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-kvfree_rcu_reclaim
7 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-slub_flushwq
8 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-netns
10 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/0:0H-events_highpri
11 root 20 0 0 0 0 I 0.0 0.0 0:00.00 kworker/0:1-mm_percpu_wq
13 root 0 -20 0 0 0 I 0.0 0.0 0:00.00 kworker/R-mm_percpu_wq
14 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_kthread
15 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_rude_kthread
16 root 20 0 0 0 0 I 0.0 0.0 0:00.00 rcu_tasks_trace_kthread
17 root 20 0 0 0 0 S 0.0 0.0 0:00.01 ksoftirqd/0
19 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_par_gp_kthread_worker/1
20 root 20 0 0 0 0 S 0.0 0.0 0:00.00 rcu_exp_gp_kthread_worker
21 root rt 0 0 0 0 S 0.0 0.0 0:00.01 migration/0
22 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/0
23 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/0
24 root 20 0 0 0 0 S 0.0 0.0 0:00.00 cpuhp/2
25 root -51 0 0 0 0 S 0.0 0.0 0:00.00 idle_inject/2

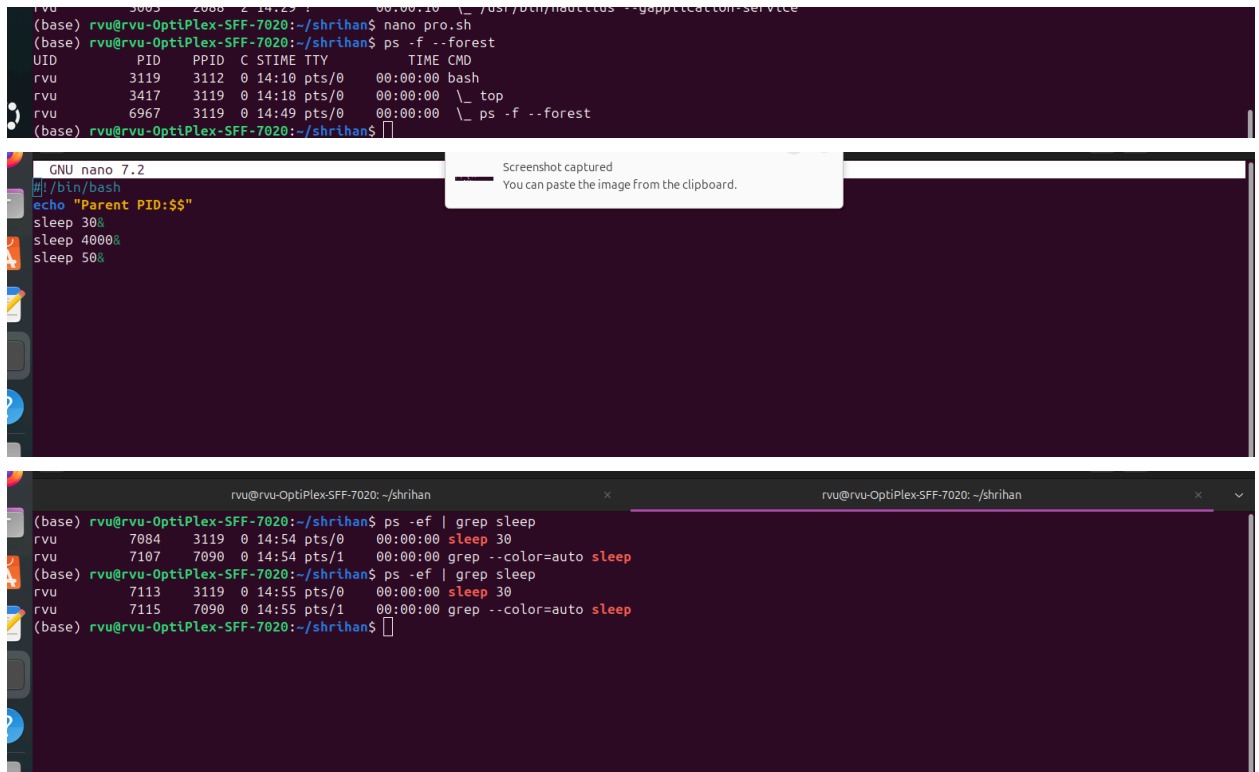
[1]+ Stopped top
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ kill PID
bash: kill: PID: arguments must be process or job IDs
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ kill -9 PID
bash: kill: PID: arguments must be process or job IDs
(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$

(base) rvu@rvu-OptiPlex-SFF-7020:~/shrihan$ ps -ef --forest
UID PID PPID C STIME TTY TIME CMD
root 2 0 0 14:10 ? 00:00:00 [kthreadd]
root 3 2 0 14:10 ? 00:00:00 \ [pool_workqueue_release]
root 4 2 0 14:10 ? 00:00:00 \ [kworker/R-rcu_gp]
root 5 2 0 14:10 ? 00:00:00 \ [kworker/R-sync_wq]
root 6 2 0 14:10 ? 00:00:00 \ [kworker/R-kvfree_rcu_reclaim]
root 7 2 0 14:10 ? 00:00:00 \ [kworker/R-slub_flushwq]
root 8 2 0 14:10 ? 00:00:00 \ [kworker/R-netns]
root 10 2 0 14:10 ? 00:00:00 \ [kworker/0:0H-events_highpri]
root 11 2 0 14:10 ? 00:00:00 \ [kworker/0:1-events]
root 13 2 0 14:10 ? 00:00:00 \ [kworker/R-mm_percpu_wq]
root 14 2 0 14:10 ? 00:00:00 \ [rcu_tasks_kthread]
root 15 2 0 14:10 ? 00:00:00 \ [rcu_tasks_rude_kthread]
root 16 2 0 14:10 ? 00:00:00 \ [rcu_tasks_trace_kthread]
root 17 2 0 14:10 ? 00:00:00 \ [ksoftirqd/0]
root 18 2 0 14:10 ? 00:00:01 \ [rcu_preempt]
root 19 2 0 14:10 ? 00:00:00 \ [rcu_exp_par_gp_kthread_worker/1]
root 20 2 0 14:10 ? 00:00:00 \ [rcu_exp_gp_kthread_worker]
root 21 2 0 14:10 ? 00:00:00 \ [migration/0]
root 22 2 0 14:10 ? 00:00:00 \ [idle_inject/0]
root 23 2 0 14:10 ? 00:00:00 \ [cpuhp/0]
root 24 2 0 14:10 ? 00:00:00 \ [cpuhp/2]
root 25 2 0 14:10 ? 00:00:00 \ [idle_inject/2]
root 26 2 0 14:10 ? 00:00:00 \ [migration/2]
root 27 2 0 14:10 ? 00:00:00 \ [ksoftirqd/2]
root 29 2 0 14:10 ? 00:00:00 \ [kworker/2:0H-events_highpri]
```

**kill PID** → Sends the default SIGTERM (15) signal to gracefully terminate the process with the given PID.

**kill -9 PID** → Sends SIGKILL (9) to forcefully stop the process immediately (cannot be ignored).

`ps -ef --forest` → Displays all running processes in a hierarchical (tree-like) format showing parent-child relationships.



```
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$ nano pro.sh
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$ ps -f --forest
UID        PID     PPID  C  STIME TTY          TIME CMD
rvu         3119    3112  0  14:10 pts/0        00:00:00 bash
rvu         3417    3119  0  14:18 pts/0        00:00:00 \_ top
rvu         6967    3119  0  14:49 pts/0        00:00:00 \_ ps -f --forest
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$

GNU nano 7.2
~/bin/bash
echo "Parent PID:$$"
sleep 30&
sleep 4000&
sleep 50&

(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$ ps -ef | grep sleep
rvu       7084    3119  0  14:54 pts/0        00:00:00 sleep 30
rvu       7107    7090  0  14:54 pts/1        00:00:00 grep --color=auto sleep
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$ ps -ef | grep sleep
rvu       7113    3119  0  14:55 pts/0        00:00:00 sleep 30
rvu       7115    7090  0  14:55 pts/1        00:00:00 grep --color=auto sleep
(base) rvu@rvu-OptiPlex-SFF-7020: ~/shrihan$
```

`sleep 30&`, `sleep 40&`, and `sleep 50&` run in background because of `&`.

They become child processes of your script.