

```

[divya@localhost ~]$ q~C
[divya@localhost ~]$ z
[divya@localhost ~]$ ps -ef
UID          PID    PPID  C STIME TTY          TIME CMD
root           1      0  0 05:18 ?        00:00:01 /usr/lib/systemd/systemd rhgb --switched-root --system --deserialize 31
root           2      0  0 05:18 ?        00:00:00 [kthreadd]
root           3      2  0 05:18 ?        00:00:00 [rcu_gp]
root           4      2  0 05:18 ?        00:00:00 [rcu_par_gp]
root           5      2  0 05:18 ?        00:00:00 [netns]
root           6      2  0 05:18 ?        00:00:00 [kworker/0:0-rcu_par_gp]
root           7      2  0 05:18 ?        00:00:00 [kworker/0:0H-events_highpri]
root           8      2  0 05:18 ?        00:00:00 [kworker/u256:0-events_unbound]
root           9      2  0 05:18 ?        00:00:01 [kworker/0:1H-events_highpri]
root          10      2  0 05:18 ?        00:00:00 [mm_percpu_wq]
root          11      2  0 05:18 ?        00:00:00 [kworker/u256:1-events_unbound]
root          12      2  0 05:18 ?        00:00:00 [rcu_tasks_kthre]
root          13      2  0 05:18 ?        00:00:00 [rcu_tasks_rude_]
root          14      2  0 05:18 ?        00:00:00 [rcu_tasks_trace]
root          15      2  0 05:18 ?        00:00:00 [ksoftirqd/0]
root          16      2  0 05:18 ?        00:00:00 [rcu_preempt]
root          17      2  0 05:18 ?        00:00:00 [migration/0]
root          18      2  0 05:18 ?        00:00:00 [kworker/0:1-events_freezable_power_]
root          19      2  0 05:18 ?        00:00:00 [cpuhp/0]
root          21      2  0 05:18 ?        00:00:00 [kdevtmpfs]
root          22      2  0 05:18 ?        00:00:00 [inet_frag_wq]
root          23      2  0 05:18 ?        00:00:00 [kauditd]
root          24      2  0 05:18 ?        00:00:00 [kworker/0:2-ata_sff]
root          25      2  0 05:18 ?        00:00:00 [khungtaskd]
root          26      2  0 05:18 ?        00:00:00 [oom_reaper]
root          27      2  0 05:18 ?        00:00:00 [writeback]
root          28      2  0 05:18 ?        00:00:00 [kcompactd0]
root          29      2  0 05:18 ?        00:00:00 [ksmd]

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divya@localhost:~$ top
top - 05:20:45 up 2 min, 1 user, load average: 1.25, 0.70, 0.27
Tasks: 223 total, 1 running, 222 sleeping, 0 stopped, 0 zombie
%Cpu(s): 4.0 us, 3.0 sy, 0.0 ni, 91.7 id, 0.7 wa, 0.7 hi, 0.0 si, 0.0 st
MiB Mem : 738.0 total, 75.2 free, 648.6 used, 131.4 buff/cache
MiB Swap: 2048.0 total, 1736.5 free, 311.5 used, 89.4 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+  COMMAND
 1928 divya     20   0 3453364 172968 53596 S  4.3   22.9   0:00.18 gnome-s+
   796 root       20   0 448364 4668 4328 S  0.7    0.6   0:00.03 switche+
   813 root       20   0 456468 4568 4180 S  0.3    0.6   0:00.45 vmtoolsd
 2081 root       20   0 271252 23616 3060 S  0.3   3.1   0:00.20 sssd_kcm
 2302 divya     20   0 537832 13676 11604 S  0.3   1.8   0:00.43 vmtoolsd
 2829 divya     20   0 783680 44308 29724 S  0.3   5.9   0:01.86 gnome-t+
    1 root       20   0 171812 7460 4600 S  0.0   1.0   0:01.26 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 rcu_gp
    4 root       20  -20      0      0      0 I  0.0   0.0   0:00.00 rcu_par+
    5 root       20   0      0      0      0 I  0.0   0.0   0:00.00 netns
    6 root       20   0      0      0      0 I  0.0   0.0   0:00.00 kworker+
    7 root       20  -20      0      0      0 I  0.0   0.0   0:00.00 kworker+
    8 root       20   0      0      0      0 I  0.0   0.0   0:00.00 kworker+
    9 root       20  -20      0      0      0 I  0.0   0.0   0:00.97 kworker+

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CentOS version 5 and earlier 64-bit (2) - VMware Workstation 17 Player

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```
[divya@localhost ~]$ ps
  PID TTY          TIME CMD
 2890 pts/0    00:00:00 bash
 3220 pts/0    00:00:00 ps
[divya@localhost ~]$
```

```

[divya@localhost ~]$ touch f99
[divya@localhost ~]$ gunzip f99
gzip: f99: unknown suffix -- ignored
[divya@localhost ~]$ tar f99
tar: Old option 'f' requires an argument.
Try 'tar --help' or 'tar --usage' for more information.
[divya@localhost ~]$ tar -cvf tat.tar f99
f99
[divya@localhost ~]$ ll
total 76
-rw-rw-r-- 1 divya divya 129 Dec 11 06:33 :
-rw-rw-r-- 1 divya divya 24 Dec 16 07:31 bro.gz
drwxr-xr-x 2 divya divya 6 Dec 10 14:52 Desktop
-rw-rw-r-- 1 divya divya 24 Dec 16 07:33 d11.gz
drwxrwxrwx 2 divya divya 6 Dec 11 13:21 d11
dr--r--r-- 2 divya divya 30 Dec 11 07:24 dir1
drwxrwxr-x 2 divya divya 6 Dec 16 07:15 divya
-rw-rw-r-- 1 divya divya 8 Dec 16 08:09 divya2.tar
-rw-rw-r-- 1 divya divya 162 Dec 16 07:15 divya2.zip
-rw-rw-r-- 1 divya divya 10240 Dec 16 08:10 divya.tar
drwxr-xr-x 2 divya divya 6 Dec 10 14:52 Documents
drwxr-xr-x 2 divya divya 6 Dec 10 14:52 Downloads
-rwxrwxrwx 1 divya divya 157 Dec 11 06:35 fi
-rw-rw-r-- 1 divya divya 24 Dec 17 05:26 f22.gz
-rw-rw-r-- 1 divya divya 8 Dec 17 05:34 f99
-rw-rw-r-- 1 divya divya 8 Dec 16 08:06 file
-rw-rw-r-- 1 divya divya 6 Dec 11 14:00 file1.txt
-rw-rw-r-- 1 divya divya 8 Dec 11 07:20 file22
-rw-rw-r-- 1 divya divya 17 Dec 11 14:03 files.txt
-rw-rw-r-- 1 divya divya 4 Dec 11 13:59 file.txt
-rw-rw-r-- 1 divya divya 8 Dec 10 14:52 fls.txt
drwxr-xr-x 2 divya divya 6 Dec 10 14:52 Pictures
-rw-rw-r-- 1 divya divya 55 Dec 11 13:36 practice
-rw-rw-r-- 1 divya divya 49 Dec 11 13:25 practice.txt
-rw-rw-r-- 1 divya divya 6 Dec 10 14:52 Public
drwxr-xr-x 2 divya divya 25 Dec 11 14:11 softlink.txt
-rw-rw-r-- 1 divya divya 25 Dec 17 05:35 tpt.tar
-rw-rw-r-- 1 divya divya 10240 Dec 10 14:52 templates
drwxr-xr-x 2 divya divya 6 Dec 10 14:52 Videos
-rw-rw-r-- 1 divya divya 36 Dec 11 14:21 you
-rw-rw-r-- 1 divya divya 8 Dec 16 07:58 zf
[divya@localhost ~]$

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```
[1]+ Terminated sleep 150
[divya@localhost ~]$ touch f22
[divya@localhost ~]$ gzip f22
[divya@localhost ~]$ ll
total 64
-rw-rw-r--. 1 divya divya 129 Dec 11 06:33 :
-rw-rw-r--. 1 divya divya 24 Dec 16 07:31 bro.gz
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Desktop
-rw-rw-r--. 1 divya divya 24 Dec 16 07:33 dii.gz
drwxrwxrwx. 2 divya divya 6 Dec 11 13:21 f1
dr--r--r--. 2 divya divya 30 Dec 11 07:24 dirl
drwxrwxr-x. 2 divya divya 6 Dec 16 07:15 divya
-rw-rw-r--. 1 divya divya 0 Dec 16 08:09 divya2.tar
-rw-rw-r--. 1 divya divya 162 Dec 16 07:15 divya2.zip
-rw-rw-r--. 1 divya divya 10240 Dec 16 08:10 divya.tar
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Documents
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Downloads
-rwxrwxrwx. 1 divya divya 157 Dec 11 06:35 f1
-rw-rw-r--. 1 divya divya 24 Dec 17 05:26 f22.gz
-rw-rw-r--. 1 divya divya 0 Dec 16 08:06 file
-rw-rw-r--. 1 divya divya 6 Dec 11 14:00 file1.txt
-rw-rw-r--. 1 divya divya 0 Dec 11 07:20 file22
-rw-rw-r--. 1 divya divya 17 Dec 11 14:03 files.txthardlinkk
-rw-rw-r--. 1 divya divya 4 Dec 11 13:59 file.txt
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Music
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Pictures
-rw-rw-r--. 1 divya divya 55 Dec 11 13:36 practice
-rw-rw-r--. 1 divya divya 49 Dec 11 13:25 practice.txt
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Public
-rw-rw-r--. 1 divya divya 25 Dec 11 14:11 softlink.txt
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Templates
drwxr-xr-x. 2 divya divya 6 Dec 10 14:52 Videos
-rw-rw-r--. 1 divya divya 36 Dec 11 14:21 you
-rw-rw-r--. 1 divya divya 0 Dec 16 07:58 zz
[divya@localhost ~]$
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```
[divya@localhost ~]$ ps
  PID TTY          TIME CMD
 2890 pts/0    00:00:00 bash
 3220 pts/0    00:00:00 ps
[divya@localhost ~]$ kill -9
kill: usage: kill [-s sigspec | -n signum | -sigspec] pid | jobspec ... or kill -l [sigspec]
[divya@localhost ~]$ sleep 150&
[1] 3232
[divya@localhost ~]$ pkill sleep
[1]+  Terminated                  sleep 150
[divya@localhost ~]$
```