

1. get information about current running program.

```
srishti@srishti-Inspiron-5559: ~  
File Edit View Search Terminal Help  
(base) srishti@srishti-Inspiron-5559:~$ ps -ef  
UID          PID    PPID  C   STIME TTY          TIME CMD  
root           1        0  0  04:35 ?           00:00:09 /sbin/init splash  
root           2        0  0  04:35 ?           00:00:00 [kthreadd]  
root           3        2  0  04:35 ?           00:00:00 [rcu_gp]  
root           4        2  0  04:35 ?           00:00:00 [rcu_par_gp]  
root           6        2  0  04:35 ?           00:00:00 [kworker/0:0H-kb]  
root           9        2  0  04:35 ?           00:00:00 [mm_percpu_wq]  
root          10        2  0  04:35 ?           00:00:00 [ksoftirqd/0]  
root          11        2  0  04:35 ?           00:00:14 [rcu_sched]  
root          12        2  0  04:35 ?           00:00:00 [migration/0]  
root          13        2  0  04:35 ?           00:00:00 [idle_inject/0]  
root          14        2  0  04:35 ?           00:00:00 [cpuhp/0]  
root          15        2  0  04:35 ?           00:00:00 [cpuhp/1]  
root          16        2  0  04:35 ?           00:00:00 [idle_inject/1]  
root          17        2  0  04:35 ?           00:00:00 [migration/1]  
root          18        2  0  04:35 ?           00:00:00 [ksoftirqd/1]  
root          20        2  0  04:35 ?           00:00:00 [kworker/1:0H-kb]  
root          21        2  0  04:35 ?           00:00:00 [cpuhp/2]  
root          22        2  0  04:35 ?           00:00:00 [idle_inject/2]  
root          23        2  0  04:35 ?           00:00:00 [migration/2]  
root          24        2  0  04:35 ?           00:00:00 [ksoftirqd/2]  
root          26        2  0  04:35 ?           00:00:00 [kworker/2:0H-kb]  
root          27        2  0  04:35 ?           00:00:00 [cpuhp/3]  
root          28        2  0  04:35 ?           00:00:00 [idle_inject/3]  
root          29        2  0  04:35 ?           00:00:00 [migration/3]  
root          30        2  0  04:35 ?           00:00:00 [ksoftirqd/3]  
root          32        2  0  04:35 ?           00:00:00 [kworker/3:0H]  
root          33        2  0  04:35 ?           00:00:00 [kdevtmpfs]  
root          34        2  0  04:35 ?           00:00:00 [netns]  
root          35        2  0  04:35 ?           00:00:00 [rcu_tasks_kthre]  
root          36        2  0  04:35 ?           00:00:00 [kauditd]  
root          37        2  0  04:35 ?           00:00:00 [khungtaskd]  
root          38        2  0  04:35 ?           00:00:00 [oom_reaper]  
root          39        2  0  04:35 ?           00:00:00 [writeback]
```

2. we will kill one of the running programs.

```
root          19771      1  0 13:59 ?           00:00:00 /usr/lib/fwupd/fwupd  
root          19822      2  0 14:00 ?           00:00:02 [kworker/1:2-eve]  
root          20212      2  0 14:02 ?           00:00:00 [kworker/0:0-eve]  
srishti       20584 13631  0 14:04 tty2       00:00:02 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064  
srishti       20599 13631  3 14:04 tty2       00:00:19 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064  
srishti       20695 13631  0 14:04 tty2       00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064  
root          20794      2  0 14:04 ?           00:00:00 [kworker/3:1-eve]  
root          20884      1  0 10:09 ?           00:00:00 /usr/sbin/cupsd -l  
root          20885      1  0 10:09 ?           00:00:00 /usr/sbin/cups-browsed  
root          20948      2  0 14:05 ?           00:00:00 [kworker/u8:3-i9]  
root          21072      2  0 14:06 ?           00:00:00 [kworker/2:0-eve]  
root          21180      2  0 14:06 ?           00:00:00 [kworker/1:1-eve]  
srishti       21334 1661  0 14:07 tty2       00:00:00 /usr/lib/libreoffice/program/oosplash --writer  
srishti       21352 21334  0 14:07 tty2       00:00:01 /usr/lib/libreoffice/program/soffice.bin --writer --splash-pipe=5  
srishti       21411 1504  0 14:08 ?           00:00:02 /usr/lib/gnome-terminal/gnome-terminal-server  
srishti       21419 21411  0 14:08 pts/0       00:00:00 bash  
srishti       21611 21411  0 14:09 pts/1       00:00:00 bash  
root          21894      2  0 14:10 ?           00:00:00 [kworker/u8:1-ev]  
srishti       21950      1 14 14:10 tty2       00:00:14 /usr/lib/firefox/firefox -new-window  
srishti       22078 21950  0 14:11 tty2       00:00:00 /usr/lib/firefox/firefox -contentproc -childID 1 -isForBrowser -prefsLen 1  
srishti       22105 21950  0 14:11 tty2       00:00:00 /usr/lib/firefox/firefox -contentproc -childID 2 -isForBrowser -prefsLen 4  
srishti       22133 21950  2 14:11 tty2       00:00:02 /usr/lib/firefox/firefox -contentproc -childID 3 -isForBrowser -prefsLen 4  
srishti       22216 21950  0 14:11 tty2       00:00:00 /usr/lib/firefox/firefox -contentproc -childID 4 -isForBrowser -prefsLen 5  
root          22271      2  0 14:11 ?           00:00:00 [kworker/0:2-eve]  
srishti       22533 21419  0 14:12 pts/0       00:00:00 ps -ef  
srishti       25001 13631  0 10:38 tty2       00:00:01 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064  
srishti       25016 13616  0 10:38 tty2       00:00:00 /usr/bin/python3 /usr/bin/chrome-gnome-shell chrome-extension://gphhapmejd  
root          29212      2  0 11:07 ?           00:00:04 [kworker/u9:2-rb]
```

3. We will kill program 21950

```
srishti@srishiti-Inspiron-5559: ~  
File Edit View Search Terminal Help  
srishti 13817 13631 14 09:27 tty2 00:41:22 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064738606807,17  
srishti 14634 13631 0 13:41 ? 00:00:00 [kworker/1:1-eve] e=12817674064738606807,17  
srishti 14647 13631 0 13:41 ? 00:00:00 [kworker/1:1-eve] e=12817674064738606807,17  
root 14672 2 0 13:41 ? 00:00:00 [kworker/1:1-eve] 2817674064738606807,17563  
srishti 14989 13631 4 13:41 ? File Edit View Search Terminal Help e=12817674064738606807,17  
srishti 17080 13616 2 09:00 (base) srishti@srishiti-Inspiron-5559:~$ kill -KILL 21950 srishti --utility-sub-type audio.mojom.AudioService -  
root 17811 2 0 13:41 ? 00:00:00 [kworker/1:1-eve]  
root 18169 2 0 13:41 ? 00:00:00 [kworker/0:1-eve]  
srishti 18377 13631 17 13:41 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle e=12817674064738606807,17  
root 18452 2 0 13:41 ? 00:00:00 [kworker/3:2-eve]  
root 19771 1 0 13:41 ? 00:00:00 /usr/lib/foopd/foopd  
root 19822 2 0 14:00 ? 00:00:00 [kworker/1:2-eve]  
root 20212 2 0 14:00 ? 00:00:00 [kworker/0:0-eve]  
srishti 20584 13631 0 14:00 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle e=12817674064738606807,17  
srishti 20599 13631 3 14:00 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle e=12817674064738606807,17  
srishti 20695 13631 0 14:00 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle e=12817674064738606807,17  
root 20794 2 0 14:00 ? 00:00:00 [kworker/3:1-eve]  
root 20884 1 0 10:00 ? 00:00:00 /usr/sbin/cupsd -l  
root 20885 1 0 10:00 ? 00:00:00 /usr/sbin/cups-browsed  
root 20948 2 0 14:00 ? 00:00:00 [kworker/u8:3-i9]  
root 21072 2 0 14:00 ? 00:00:00 [kworker/2:0-eve]  
root 21180 2 0 14:00 ? 00:00:00 [kworker/1:1-eve]  
srishti 21334 1661 0 14:00 tty2 00:00:00 /usr/lib/libreoffice/program/oosplash --writer  
srishti 21352 21334 0 14:00 tty2 00:00:00 /usr/lib/libreoffice/program/soffice.bin --writer --splash-pipe=5  
srishti 21411 1504 0 14:00 ? 00:00:00 /usr/lib/gnome-terminal/gnome-terminal-server  
srishti 21419 21411 0 14:00 pts/0 00:00:00 bash  
srishti 21611 21411 0 14:00 pts/1 00:00:00 bash  
root 21894 2 0 14:00 ? 00:00:00 [kworker/u8:1-eve]  
srishti 21950 1 14 14:00 tty2 00:00:00 /usr/lib/firefox/firefox --new-window  
srishti 22078 21950 0 14:11 tty2 00:00:00 /usr/lib/firefox/firefox -contentproc -childID 1 -isForBrowser -prefsLen 1 -prefMapSi  
srishti 22105 21950 0 14:11 tty2 00:00:00 /usr/lib/firefox/firefox -contentproc -childID 2 -isForBrowser -prefsLen 41 -prefMapSi  
srishti 22133 21950 2 14:11 tty2 00:00:00 /usr/lib/firefox/firefox -contentproc -childID 3 -isForBrowser -prefsLen 41 -prefMapSi  
srishti 22216 21950 0 14:11 tty2 00:00:00 /usr/lib/firefox/firefox -contentproc -childID 4 -isForBrowser -prefsLen 5900 -prefMap  
root 22271 2 0 14:11 ? 00:00:00 [kworker/0:2-eve]  
srishti 22533 21419 0 14:12 pts/0 00:00:00 ps -ef  
srishti 25001 13631 0 10:38 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle=12817674064738606807,17  
srishti 25016 13616 0 10:38 tty2 00:00:00 /usr/bin/python3 /usr/bin/chrome-gnome-shell chrome-extension://gphhapmejobijbbhggpjhcj  
root 29212 2 0 11:07 ? 00:00:04 [kworker/u9:2-rb]  
(base) srishti@srishiti-Inspiron-5559:~$
```

4. Firefox is terminated.

```
srishti 21334 1661 0 14:07 tty2 00:00:00 /usr/lib/libreoffice/program/oosplash --writer  
srishti 21352 21334 0 14:07 tty2 00:00:03 /usr/lib/libreoffice/program/soffice.bin --writer --splash-pipe=5  
srishti 21411 1504 0 14:08 ? 00:00:04 /usr/lib/gnome-terminal/gnome-terminal-server  
srishti 21419 21411 0 14:08 pts/0 00:00:00 bash  
srishti 21611 21411 0 14:09 pts/1 00:00:00 bash  
root 22695 2 0 14:13 ? 00:00:00 [kworker/2:2-eve]  
root 23007 2 0 14:15 ? 00:00:01 [kworker/1:0-eve]  
root 23185 2 0 14:16 ? 00:00:00 [kworker/u8:2-i9]  
root 23299 2 0 14:16 ? 00:00:00 [kworker/0:0-eve]  
root 23353 2 0 14:17 ? 00:00:00 [kworker/3:0-eve]  
srishti 23705 13631 0 14:18 tty2 00:00:00 /opt/google/chrome/chrome --type=renderer --field-trial-handle=1281767  
srishti 23780 13631 9 14:19 tty2 00:00:22 /opt/google/chrome/chrome --type=renderer --field-trial-handle=1281767  
root 23819 2 0 14:19 ? 00:00:00 [kworker/2:0-eve]  
root 24256 2 0 14:21 ? 00:00:00 [kworker/u8:1-ev]  
root 24345 2 0 14:22 ? 00:00:00 [kworker/0:2-eve]  
root 24460 2 0 14:22 ? 00:00:00 [kworker/1:2-eve]  
root 24461 2 0 14:22 ? 00:00:00 [kworker/1:3]  
root 24462 2 0 14:22 ? 00:00:00 [kworker/3:1-eve]  
root 24463 2 0 14:22 ? 00:00:00 [kworker/3:3-eve]  
root 24464 2 0 14:22 ? 00:00:00 [kworker/3:4-eve]  
root 24465 2 0 14:22 ? 00:00:00 [kworker/3:5-eve]  
root 24466 2 0 14:22 ? 00:00:00 [kworker/3:6-eve]  
root 24467 2 0 14:22 ? 00:00:00 [kworker/3:7]  
srishti 24516 21419 0 14:23 pts/0 00:00:00 ps -ef  
srishti 25001 13631 0 10:38 tty2 00:00:01 /opt/google/chrome/chrome --type=renderer --field-trial-handle=1281767  
srishti 25016 13616 0 10:38 tty2 00:00:00 /usr/bin/python3 /usr/bin/chrome-gnome-shell chrome-extension://gphhap  
root 29212 2 0 11:07 ? 00:00:04 [kworker/u9:2-rb]  
(base) srishti@srishiti-Inspiron-5559:~$ ps -ef|grep 21950  
srishti 24624 21419 0 14:23 pts/0 00:00:00 grep --color=auto 21950  
(base) srishti@srishiti-Inspiron-5559:~$
```