

1.

```
facu@facu-ubuntu:~$ yes > /dev/null &  
[1] 36404
```

2.

```
facu@facu-ubuntu:~$ ps au  
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND  
facu      1789  0.0  0.0 172628  6708 tty2    Ssl+  19:27   0:00 /usr/lib/gdm3  
root      1791  0.7  0.3 202644 58156 tty2    Sl+   19:27   1:08 /usr/lib/xorg  
facu      1949  0.0  0.0 199456 15980 tty2    Sl+   19:27   0:00 /usr/libexec/  
facu      34153 0.0  0.0  20040  5800 pts/2    Ss    20:09   0:00 bash  
facu      34530 0.1  0.0  20760  4180 pts/2    S+    20:16   0:11 top  
facu      35732 0.0  0.0  20556  6376 pts/1    Ss+   21:28   0:00 bash  
facu      36383 0.0  0.0  20040  5856 pts/0    Ss    21:50   0:00 bash  
facu      36404 99.6  0.0  16708   592 pts/0    R     21:50   0:12 yes  
facu      36405 0.0  0.0  20108  3512 pts/0    R+    21:51   0:00 ps au
```

3.

TIENE PRIORIDAD 20

```
facu@facu-ubuntu:~$ top  
  
top - 21:51:19 up 2:23, 1 user, load average: 1,04, 0,87, 0,96  
Tasks: 352 total, 2 running, 350 sleeping, 0 stopped, 0 zombie  
%Cpu(s): 2,1 us, 6,5 sy, 0,0 ni, 91,4 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st  
MiB Mem : 16023,8 total, 9046,3 free, 2855,2 used, 4122,3 buff/cache  
MiB Swap: 2048,0 total, 2048,0 free, 0,0 used. 12344,8 avail Mem  
  
   PID USER      PR  NI  VIRT  RES  SHR S  %CPU  %MEM    TIME+  COMMAND  
  36404 facu      20   0   16708    592   528 R   100,0    0,0    0:29.64 yes  
   2171 facu      20   0 4414192 376956 126712 S    0,7    2,3    3:48.72 gnome-s+  
   1791 root      20   0 202644 58156 38320 S    0,3    0,4    1:08.37 Xorg  
   1848 root     -51   0     0     0     0 S    0,3    0,0    2:30.99 irq/74-+  
   1850 root      20   0     0     0     0 S    0,3    0,0    1:32.18 nv_queue  
  29869 facu      20   0 1419884 383568 181288 S    0,3    2,3    1:54.59 chrome  
  32641 facu      20   0 976784 56656 41076 S    0,3    0,3    0:34.47 gnome-t+  
  36407 facu      20   0   20720   4420   3488 R    0,3    0,0    0:00.01 top  
     1 root      20   0 169084 13012 8368 S    0,0    0,1    0:03.57 systemd  
     2 root      20   0     0     0     0 S    0,0    0,0    0:00.00 kthreadd  
     3 root       0 -20     0     0     0 I    0,0    0,0    0:00.00 rcu_gp  
     4 root       0 -20     0     0     0 I    0,0    0,0    0:00.00 rcu_par+  
     6 root       0 -20     0     0     0 I    0,0    0,0    0:00.00 kworker+  
     9 root       0 -20     0     0     0 I    0,0    0,0    0:00.00 mm_perc+  
    10 root      20   0     0     0     0 S    0,0    0,0    0:00.10 ksoftir+  
    11 root      20   0     0     0     0 I    0,0    0,0    0:01.14 rcu_sch+  
    12 root      rt    0     0     0     0 S    0,0    0,0    0:00.01 migrati+
```

4.

```
facu@facu-ubuntu:~$ renice -n 10 36404
```

36404 (process ID) old priority 0, new priority 10

```
facu@facu-ubuntu:~$ top
```

```
top - 21:52:11 up 2:24, 1 user, load average: 1,11, 0,92, 0,97
Tasks: 352 total, 2 running, 350 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0,1 us, 6,2 sy, 2,1 ni, 91,5 id, 0,0 wa, 0,0 hi, 0,0 si, 0,0 st
MiB Mem : 16023,8 total, 9047,1 free, 2854,3 used, 4122,5 buff/cache
MiB Swap: 2048,0 total, 2048,0 free, 0,0 used. 12345,7 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
36404	facu	30	10	16708	592	528	R	100,0	0,0	1:21.68	yes
1791	root	20	0	202644	58156	38320	S	0,3	0,4	1:08.58	Xorg
1848	root	-51	0	0	0	0	S	0,3	0,0	2:31.24	irq/74-+
1850	root	20	0	0	0	0	S	0,3	0,0	1:32.32	nv_queue
34530	facu	20	0	20760	4180	3344	S	0,3	0,0	0:11.39	top
35016	root	20	0	0	0	0	D	0,3	0,0	0:05.38	kworker+
36423	facu	20	0	20720	4272	3496	R	0,3	0,0	0:00.04	top
1	root	20	0	169084	13012	8368	S	0,0	0,1	0:03.57	systemd
2	root	20	0	0	0	0	S	0,0	0,0	0:00.00	kthreadd
3	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	rcu_gp
4	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	rcu_par+
6	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	kworker+
9	root	0	-20	0	0	0	I	0,0	0,0	0:00.00	mm_perc+
10	root	20	0	0	0	0	S	0,0	0,0	0:00.10	ksoftir+
11	root	20	0	0	0	0	I	0,0	0,0	0:01.15	rcu_sch+
12	root	rt	0	0	0	0	S	0,0	0,0	0:00.01	migrati+
13	root	-51	0	0	0	0	S	0,0	0,0	0:00.00	idle_in+

5.

```
facu@facu-ubuntu:~$ yes > /dev/null &
```

```
[2] 36468
```

```
facu@facu-ubuntu:~$ jobs
```

```
[1]-  Running          yes > /dev/null &
```

```
[2]+  Running          yes > /dev/null &
```

6.

```
facu@facu-ubuntu:~$ fg %2
```

```
yes > /dev/null
```

7.

```
facu@facu-ubuntu:~$ fg %2
```

```
yes > /dev/null
```

```
^Z
```

```
[2]+  Stopped          yes > /dev/null
```

```
facu@facu-ubuntu:~$ bg %2
```

```
[2]+ yes > /dev/null &
```

8.

facu@facu-ubuntu:~\$ jobs

[1]- Running yes > /dev/null &
[2]+ Running yes > /dev/null &

9.

```
facu@facu-ubuntu:~$ ps au
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
facu      1789  0.0  0.0 172628  6708 tty2    Ssl+  19:27   0:00 /usr/lib/gdm3/gdm-x-session --run-scr
root      1791  0.9  0.4 225864 74236 tty2    Sl+   19:27   1:32 /usr/lib/xorg/Xorg vt2 -displayfd 3 -
facu      1949  0.0  0.0 199456 15980 tty2    Sl+   19:27   0:00 /usr/libexec/gnome-session-binary --s
facu      34153 0.0  0.0  20040  5800 pts/2    Ss    20:09   0:00 bash
facu      34530 0.1  0.0  20760  4180 pts/2    S+    20:16   0:13 top
facu      35732 0.0  0.0  20556  6376 pts/1    Ss+   21:28   0:00 bash
facu      36383 0.0  0.0  20040  5872 pts/0    Ss    21:50   0:00 bash
facu      36404 99.9  0.0  16708   592 pts/0    RN    21:50  15:10 yes
facu      36589 99.0  0.0  16708   596 pts/0    R     21:55  10:42 yes
facu      36817  0.1  0.0  20764  4328 pts/0    T     22:05   0:00 top
facu      36820  0.0  0.0  20108  3544 pts/0    R+    22:05   0:00 ps au
facu@facu-ubuntu:~$ kill -15 36404
facu@facu-ubuntu:~$ kill -9 36589
[1] Terminated yes > /dev/null
```

10.

facu@facu-ubuntu:~\$ cat archivo.txt
total 2097232

11.

facu@facu-ubuntu:~\$ less archivo.txt

facu@facu-ubuntu:~\$ cat archivo.txt | more

12.

facu@facu-ubuntu:~\$ uptime
22:18:40 up 2:51, 1 user, load average: 1,05, 0,92, 1,23

```
facu@facu-ubuntu:~$ ps au
USER      PID %CPU %MEM    VSZ   RSS TTY      STAT START   TIME COMMAND
facu      1789  0.0  0.0 172628  6708 tty2    Ssl+  19:27   0:00 /usr/lib/gdm3/gdm-x-session --run-scr
root      1791  1.0  0.4 225864 74404 tty2    Sl+   19:27   1:51 /usr/lib/xorg/Xorg vt2 -displayfd 3 -
facu      1949  0.0  0.0 199456 15980 tty2    Sl+   19:27   0:00 /usr/libexec/gnome-session-binary --s
```