

```
jaime@fedora:~$ ps -auxf
```

USER	PID	%CPU	%MEM	VSZ	RSS	TTY	STAT	START	TIME	COMMAND
root	2	0.0	0.0	0	0	?	S	14:08	0:00	[kthreadd]
root	3	0.0	0.0	0	0	?	I<	14:08	0:00	_ [rcu_gp]
root	4	0.0	0.0	0	0	?	I<	14:08	0:00	_ [rcu_par_
root	5	0.0	0.0	0	0	?	I<	14:08	0:00	_ [slub_flu
root	6	0.0	0.0	0	0	?	I<	14:08	0:00	_ [netns]
root	8	0.0	0.0	0	0	?	I<	14:08	0:00	_ [kworker/
root	10	0.0	0.0	0	0	?	I<	14:08	0:00	_ [mm_percp
root	12	0.0	0.0	0	0	?	I	14:08	0:00	_ [rcu_task
root	13	0.0	0.0	0	0	?	I	14:08	0:00	_ [rcu_task
root	14	0.0	0.0	0	0	?	I	14:08	0:00	_ [rcu_task
root	15	0.0	0.0	0	0	?	S	14:08	0:00	_ [ksoftirq
root	16	0.0	0.0	0	0	?	I	14:08	0:09	_ [rcu_pree
root	17	0.0	0.0	0	0	?	S	14:08	0:00	_ [migratio
root	19	0.0	0.0	0	0	?	S	14:08	0:00	_ [cpuhp/0]
root	20	0.0	0.0	0	0	?	S	14:08	0:00	_ [cpuhp/1]
root	21	0.0	0.0	0	0	?	S	14:08	0:00	_ [migratio
root	22	0.0	0.0	0	0	?	S	14:08	0:00	_ [ksoftirq
root	24	0.0	0.0	0	0	?	I<	14:08	0:00	_ [kworker/
root	25	0.0	0.0	0	0	?	S	14:08	0:00	_ [cpuhp/2]
root	26	0.0	0.0	0	0	?	S	14:08	0:00	_ [migratio
root	27	0.0	0.0	0	0	?	S	14:08	0:02	_ [ksoftirq
root	29	0.0	0.0	0	0	?	I<	14:08	0:00	_ [kworker/

```
jaime@fedora:~$ ps -auxf > procesoshoy.txt
jaime@fedora:~$
```

```
jaime@fedora:~  
[jaime@fedora ~]$ ps -auxf | grep "calculator"  
jaime      73704  1.5  1.9 1935948 155404 ?        S1   19:10   0:01 |  \_ /usr/  
bin/gnome-calculator  
jaime      74171  0.0  0.0 222408   2176 pts/0    S+   19:12   0:00  \_ g  
rep --color=auto calculator  
[jaime@fedora ~]$ kill 73704  
[jaime@fedora ~]$
```

```
jaime@fedora:~ — nano programa.c  
GNU nano 7.2                                     programa.c Modified  
#include <sys/types.h>  
#include <stdio.h>  
main( )  
{  
  pid_t pid;  
  int i;  int n = 10;  
  
  for (i = 0; i < n; i++)  
  {  
    pid = fork( );  
    if (pid != 0)  
      break;  
  }  
  printf("El padre del proceso %d es %d\n", getpid( ), getppid( ));  
}
```

[^]G Help [^]O Write Out [^]W Where Is [^]K Cut [^]T Execute [^]C Location
[^]X Exit [^]R Read File [^]\ Replace [^]U Paste [^]J Justify [^]/ Go To Line

```
jaime@fedora:~$ nano programa.c
jaime@fedora:~$ gcc programa.c -o programa
jaime@fedora:~$ ./programa
El padre del proceso 76315 es 71661
El padre del proceso 76316 es 5886
El padre del proceso 76317 es 76316
El padre del proceso 76319 es 76318
El padre del proceso 76320 es 76319
El padre del proceso 76321 es 5886
El padre del proceso 76323 es 76321
El padre del proceso 76318 es 5886
El padre del proceso 76324 es 5886
El padre del proceso 76325 es 5886
El padre del proceso 76327 es 76325
jaime@fedora:~$
```

Activities Calculator May 13 7:28 PM es 95%

```
jaime@fedora:~$ top
top - 19:28:24 up 5:19, 2 users, load average: 1.44, 1.05, 0.86
Tasks: 309 total, 1 running, 308 sleeping, 0 stopped, 0 zombie
%Cpu(s): 4.9 us, 1.9 sy, 0.0 ni, 91.8 id, 0.6 wa, 0.6 hi, 0.2 si, 0.0 st
MiB Mem : 7808.7 total, 289.3 free, 2696.1 used, 4823.2 buff/cache
MiB Swap: 7808.0 total, 7765.5 free, 42.5 used, 3912.1 avail Mem

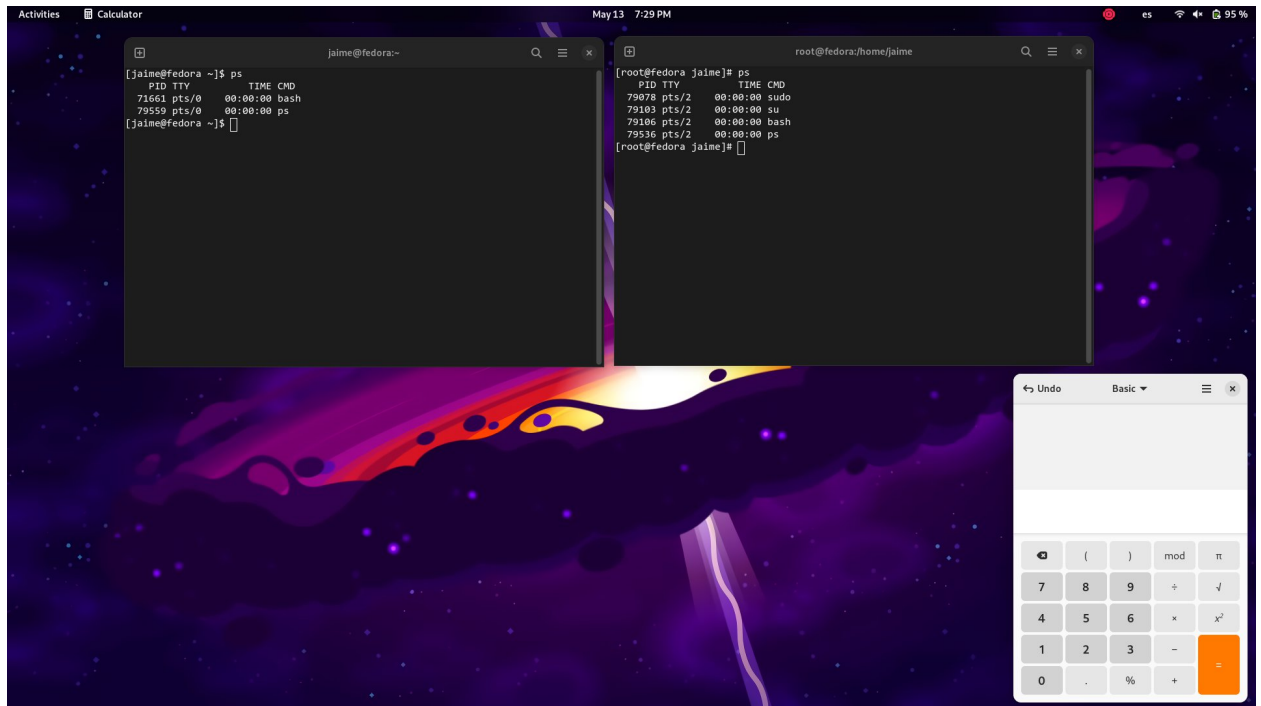
  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+  COMMAND
 32173 jaime    20   0 6895192 286400 128784 S   6.6   3.6   0:51:15 gnome-s+
 33877 jaime    20   0 1135.1g 240184 104124 S   5.6   3.0   42:17:48 cider
 70798 jaime    20   0 23.4g 361332 112360 S   6.3   4.5   2:15:44 editors+
 70764 jaime    20   0 2912116 338752 156604 S   1.7   4.2   0:49:42 Desktop+
 70764 jaime    20   0 2912116 338752 156604 S   1.3   4.2   0:49:42 Desktop+
 70781 jaime    20   0 635332 106436 79732 S   1.3   1.3   0:29:43 editors+
 32489 jaime    20   0 683872 15488 13312 S   0.7   0.2   0:35:59 gsd-sma+
 762 root      20   0 0 0 0 I   0.3   0.0   0:01:05 kworker+
 762 systemd+  20   0 15368 7168 6400 S   0.3   0.1   0:46:42 systemd+
 1822 root      20   0 249196 27328 7168 S   0.3   0.3   1:20:72 python
 33764 jaime    20   0 732052 96232 54144 S   0.3   1.2   2:41:61 kwayland
 71642 jaime    20   0 850040 61368 45712 S   0.3   0.8   0:05:62 gnome-t+
 74920 root      20   0 0 0 0 I   0.3   0.0   0:00:27 kworker+
 78642 root      20   0 1740040 188912 89200 S   0.3   2.4   0:04:66 gnome-c+
 79148 jaime    20   0 225224 3840 2944 R   0.3   0.0   0:00:17 top
 79167 root      20   0 225224 3712 2944 R   0.3   0.0   0:00:15 top
 1 root      20   0 229696 29400 10400 S   0.0   0.4   0:03:67 systemd
 1 root      20   0 0 0 0 I   0.0   0.0   0:00:00 kthreadd
```

```
root@fedora:/home/jaime$ top
top - 19:28:25 up 5:19, 2 users, load average: 1.44, 1.05, 0.86
Tasks: 309 total, 1 running, 308 sleeping, 0 stopped, 0 zombie
%Cpu(s): 3.7 us, 1.2 sy, 0.0 ni, 93.8 id, 0.6 wa, 0.5 hi, 0.2 si, 0.0 st
MiB Mem : 7808.7 total, 289.3 free, 2696.1 used, 4823.2 buff/cache
MiB Swap: 7808.0 total, 7765.5 free, 42.5 used, 3912.1 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR S %CPU  %MEM    TIME+  COMMAND
 33877 jaime    20   0 1135.1g 240184 104124 S   5.6   3.0   42:17:52 cider
 70798 jaime    20   0 23.4g 361588 112360 S   5.6   4.5   2:15:48 editors+
 32173 jaime    20   0 5895192 286400 128784 S   2.7   3.6   6:51:35 gnome-s+
 70764 jaime    20   0 2912116 338752 156604 S   1.7   4.2   0:49:44 Desktop+
 70781 jaime    20   0 635332 106436 79732 S   1.3   1.3   0:29:44 editors+
 32489 jaime    20   0 683872 15488 13312 S   0.7   0.2   0:35:59 gsd-sma+
 762 systemd+  20   0 15368 7168 6400 S   0.3   0.1   0:46:42 systemd+
 33764 jaime    20   0 732052 96232 54144 S   0.3   1.2   2:41:61 kwayland
 70135 root      20   0 0 0 0 I   0.3   0.0   0:00:78 kworker+
 79148 jaime    20   0 225224 3840 2944 S   0.3   0.0   0:00:17 top
 79167 root      20   0 225224 3712 2944 R   0.3   0.0   0:00:15 top
 1 root      20   0 229696 29400 10400 S   0.0   0.4   0:01:67 systemd
 2 root      20   0 0 0 0 S   0.0   0.0   0:00:02 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+
 5 root      0 -20 0 0 0 I   0.0   0.0   0:00:00 slab_fl+
 6 root      0 -20 0 0 0 I   0.0   0.0   0:00:00 netns
```

Undo Basic

7 8 9 + √
4 5 6 × x²
1 2 3 -
0 . % +



1. Qué dificultades encontró durante el desarrollo del laboratorio?

En general no se encontró ninguna dificultad con la guía del laboratorio ya que hacía una mejor distinción entre ejemplos y ejercicios.

2. Qué mejoraría de esta experiencia de laboratorio?

Por el momento, no mejoraría nada del laboratorio.