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RA: 01221125

```
(base) aluno@SPTECH01375:~$ top
```

```
top - 20:02:41 up 3:38, 1 user, load average: 1,03, 1,32, 0,99
Tasks: 257 total, 2 running, 255 sleeping, 0 stopped, 0 zombie
%Cpu(s): 7,2 us, 2,9 sy, 0,0 ni, 86,4 id, 3,5 wa, 0,0 hi, 0,0 si, 0,0 st
MiB Mem : 3803,2 total, 1053,3 free, 1489,5 used, 1260,4 buff/cache
MiB Swap: 2048,0 total, 877,7 free, 1170,2 used. 1908,2 avail Mem
```

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
2055	aluno	20	0	4457500	112784	41720	R	13,6	2,9	3:40.63	gnome-s+
11056	aluno	20	0	48,5g	334728	98004	S	8,3	8,6	0:48.20	chrome
1841	aluno	20	0	885288	46644	11952	S	6,0	1,2	2:47.85	Xorg
3744	aluno	20	0	32,6g	77436	51888	S	4,3	2,0	2:17.64	chrome
188	root	-51	0	0	0	0	S	3,3	0,0	0:18.41	irq/51+
11096	aluno	20	0	40,5g	101980	81372	S	2,0	2,6	0:04.10	chrome
1431	mssql	20	0	14,1g	306600	12332	S	1,7	7,9	5:15.95	sqlservr
672	avahi	20	0	8796	2716	2256	S	0,7	0,1	0:25.65	avahi-d+
2490	aluno	20	0	32,8g	205460	127112	S	0,7	5,3	2:52.09	chrome
11448	aluno	20	0	20620	3956	3188	R	0,7	0,1	0:00.08	top
12	root	20	0	0	0	0	S	0,3	0,0	0:04.21	ksoftir+
121	root	0	-20	0	0	0	I	0,3	0,0	0:00.90	kworker+
887	mssql	20	0	2082592	125956	2788	S	0,3	3,2	0:41.21	mysqld
3757	aluno	20	0	32,3g	62880	45656	S	0,3	1,6	0:30.40	chrome
10075	root	20	0	0	0	0	I	0,3	0,0	0:04.88	kworker+
10104	root	0	-20	0	0	0	D	0,3	0,0	0:02.11	kworker+
1	root	20	0	168348	7424	5004	S	0,0	0,2	0:02.17	systemd

```
(base) aluno@SPTECH01375:~$ ps
  PID TTY          TIME CMD
 10485 pts/0        00:00:00 bash
 11448 pts/0        00:00:00 top
 11521 pts/0        00:00:00 ps
```

```
(base) aluno@SPTECH01375:~$ ps -a
  PID TTY          TIME CMD
 1841 tty2        00:03:04 Xorg
 1913 tty2        00:00:00 gnome-session-b
 11448 pts/0        00:00:00 top
 12009 pts/0        00:00:00 ps
(base) aluno@SPTECH01375:~$ kill -9 11448
(base) aluno@SPTECH01375:~$ ps -a
  PID TTY          TIME CMD
 1841 tty2        00:03:04 Xorg
 1913 tty2        00:00:00 gnome-session-b
 12016 pts/0        00:00:00 ps
[1]+  Killed                  top
```

ccrypt

```
λ /home/teste/ sudo touch teste.txt
λ /home/teste/ |
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```
λ /home/teste/ sudo vim teste.txt
[sudo] password for mauricio: |
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teste
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:wq|
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```
λ /home/teste/ sudo ccrypt teste.txt
Enter encryption key:
Enter encryption key: (repeat)
λ /home/teste/ |
```

```
λ /home/teste/ ls
teste.txt.cpt
λ /home/teste/ |
```



teste.txt.cpt - Bloco de Notas

Arquivo Editar Formatar Exibir Ajuda

B'æá¥, YŽ[]³')ANëðÂ(÷MQÓœ[] μ[]Ø% μkÓù#[[]”

```
λ /home/teste/ sudo ccrypt -d teste.txt.cpt
Enter decryption key:
λ /home/teste/ |
```

```
λ /home/teste/ cat teste.txt
teste
λ /home/teste/ |
```