

```
kali@kali: /
File Actions Edit View Help
top - 09:52:24 up 1:42, 1 user, load average: 0.32, 0.07, 0.04
Tasks: 156 total, 1 running, 155 sleeping, 0 stopped, 0 zombie
%Cpu(s): 7.1 us, 2.5 sy, 0.0 ni, 90.4 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 1981.4 total, 721.9 free, 812.3 used, 447.3 buff/cache
MiB Swap: 1024.0 total, 1024.0 free, 0.0 used, 1001.4 avail Mem

  PID USER      PR  NI    VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
  644 root        20   0   471128 152708 74524 S   4.7   7.5   1:07.37 Xorg
13461 kali        20   0   464712 106068 85204 S   2.3   5.2   0:10.10 qterminal
  937 kali        20   0   742728 277372 52012 S   1.3  13.7   0:14.35 xfdesktop
  938 kali        20   0   357584 36268 22252 S   0.7   1.8   0:31.50 panel-13-cpugra
  944 kali        20   0   398948 44640 31908 S   0.7   2.2   0:02.39 panel-22-action
  762 kali        20   0    9624   5384  4220 S   0.3   0.3   0:01.09 dbus-daemon
  766 kali        20   0   267948 29832 17476 S   0.3   1.5   0:02.72 xfce4-session
  897 kali        20   0   646112 107912 79768 S   0.3   5.3   0:12.00 xfwm4
  919 kali        20   0   230808 29628 19300 S   0.3   1.5   0:02.56 xfsettingsd
  940 kali        20   0   489512 30864 20988 S   0.3   1.5   0:13.51 panel-15-genmon
  943 kali        20   0   399196 48144 33104 S   0.3   2.4   0:02.16 panel-18-power-
1015 kali        20   0   187212 19748 15316 S   0.3   1.0   0:02.14 xfce4-power-man
1101 kali        20   0   186268 19040 14920 S   0.3   0.9   0:01.85 polkit-gnome-au
26052 kali        20   0   10192   3796   3180 R   0.3   0.2   0:00.31 top
    1 root        20   0   167552 12136  8968 S   0.0   0.6   0:00.82 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_gp
    5 root        0 -20      0      0      0 I   0.0   0.0   0:00.00 slub_flushwq
    6 root        0 -20      0      0      0 I   0.0   0.0   0:00.00 netns
    8 root        0 -20      0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-events_highpri
   10 root        0 -20      0      0      0 I   0.0   0.0   0:00.00 mm_percpu_wq
   11 root        20   0      0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_kthread
   12 root        20   0      0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthread
   13 root        20   0      0      0      0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthread
```

PID: identificativo di un processo in esecuzione, non è modificabile e non varia durante tutta la durata del processo.

USER: utente che ha lanciato il processo

COMMAND: comando utilizzato per creare il processo.

File Actions Edit View Help

(kali@kali)-[~]

\$ top | grep root

1	root	20	0	167552	12120	8968	S	0.0	0.6	0:00.76	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_gp
5	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	slub_flushwq
6	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	netns
8	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kworker/0:0H-events_highpri
9	root	20	0	0	0	0	I	0.0	0.0	0:00.72	kworker/u2:0-events_unbound
10	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	mm_percpu_wq
11	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_kthread
12	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_rude_kthread
13	root	20	0	0	0	0	I	0.0	0.0	0:00.00	rcu_tasks_trace_kthread
14	root	20	0	0	0	0	S	0.0	0.0	0:00.07	ksoftirqd/0
15	root	20	0	0	0	0	I	0.0	0.0	0:00.26	rcu_preempt
16	root	rt	0	0	0	0	S	0.0	0.0	0:00.00	migration/0
18	root	20	0	0	0	0	S	0.0	0.0	0:00.00	cpuhp/0
20	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kdevtmpfs
21	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	inet_frag_wq
22	root	20	0	0	0	0	S	0.0	0.0	0:00.00	kauditd
23	root	20	0	0	0	0	S	0.0	0.0	0:00.00	khungtaskd
24	root	20	0	0	0	0	S	0.0	0.0	0:00.00	oom_reaper
27	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	writeback
28	root	20	0	0	0	0	S	0.0	0.0	0:00.05	kcompactd0
29	root	25	5	0	0	0	S	0.0	0.0	0:00.00	ksmd
30	root	39	19	0	0	0	S	0.0	0.0	0:00.19	khugepaged
31	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kintegrityd
32	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	kblockd
33	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	blkcg_punt_bio
34	root	0	-20	0	0	0	I	0.0	0.0	0:00.00	tpm_dev_wq

(kali@kali)-[~]

\$ top | grep kali

938	kali	20	0	200916	29692	18396	S	0.7	1.5	0:05.89	panel-13-cpugra
940	kali	20	0	489512	30716	20932	S	0.3	1.5	0:02.66	panel-15-genmon



Trash



Home



File System



epicode\_lab

```
kali@kali: ~/Desktop/epicode_lab
File Actions Edit View Help
(kali@kali)-[~]
$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
(kali@kali)-[~]
$ cd Desktop
(kali@kali)-[~/Desktop]
$ mkdir epicode_lab
(kali@kali)-[~/Desktop]
$ cd epicode_lab
(kali@kali)-[~/Desktop/epicode_lab]
$ touch Esercizio.txt
(kali@kali)-[~/Desktop/epicode_lab]
$
```

File Actions Edit View Help

(kali@kali)-[~]

\$ sudo nano Dekstop/epicode\_lab

[sudo] password for kali:

(kali@kali)-[~]

\$ sudo nano /Desktop/epicode\_lab

(kali@kali)-[~]

\$ sudo nano Desktop/epicode\_lab/Esercizio.txt

(kali@kali)-[~]


\$ cat Desktop/epicode\_lab/Esercizio.txt

Corso Epicode.

(kali@kali)-[~]

\$

File Actions Edit View Help

 (kali@kali)-[~/Desktop/epicode\_lab]


\$ ls -la

total 12


drwxr-xr-x 2 kali kali 4096 Jan 31 08:47 .

drwxr-xr-x 3 kali kali 4096 Jan 31 08:39 ..

-rw-r--r-- 1 kali kali 15 Jan 31 08:47 Esercizio.txt

 (kali@kali)-[~/Desktop/epicode\_lab]

\$ chmod 764 Esercizio.txt

 (kali@kali)-[~/Desktop/epicode\_lab]


\$ ls -la

total 12

drwxr-xr-x 2 kali kali 4096 Jan 31 08:47 .

drwxr-xr-x 3 kali kali 4096 Jan 31 08:39 ..

-rwxrw-r-- 1 kali kali 15 Jan 31 08:47 Esercizio.txt

 (kali@kali)-[~/Desktop/epicode\_lab]

\$

File Actions Edit View Help

```
(kali@kali)-[~/Desktop/epicode_lab]
```

```
$ ls -la
```

```
total 12
```

```
drwxr-xr-x 2 kali kali 4096 Jan 31 08:47 .
```

```
drwxr-xr-x 3 kali kali 4096 Jan 31 08:39 ..
```

```
-rwxrw-r-- 1 kali kali  15 Jan 31 08:47 Esercizio.txt
```

```
(kali@kali)-[~/Desktop/epicode_lab]
```

```
$ chmod o-r Esercizio.txt
```

```
(kali@kali)-[~/Desktop/epicode_lab]
```

```
$ ls -la
```

```
total 12
```

```
drwxr-xr-x 2 kali kali 4096 Jan 31 08:47 .
```





```
drwxr-xr-x 3 kali kali 4096 Jan 31 08:39 ..
```

```
-rwxrw----- 1 kali kali  15 Jan 31 08:47 Esercizio.txt
```


```
(kali@kali)-[~/Desktop/epicode_lab]
```

```
$
```

File Actions Edit View Help

 (kali@kali)-[~/Desktop/epicode\_lab] \$ sudo mv Esercizio.txt / (kali@kali)-[~/Desktop/epicode\_lab] \$ cd / (kali@kali)-[/] \$ ls

0	dev	home	lib	libx32	mnt	root	srv	tmp	vmlinuz
bin	Esercizio.txt	initrd.img	lib32	lost+found	opt	run	swapfile	usr	vmlinuz.old
boot	etc	initrd.img.old	lib64	media	proc	sbin	sys	var	

 (kali@kali)-[/] \$

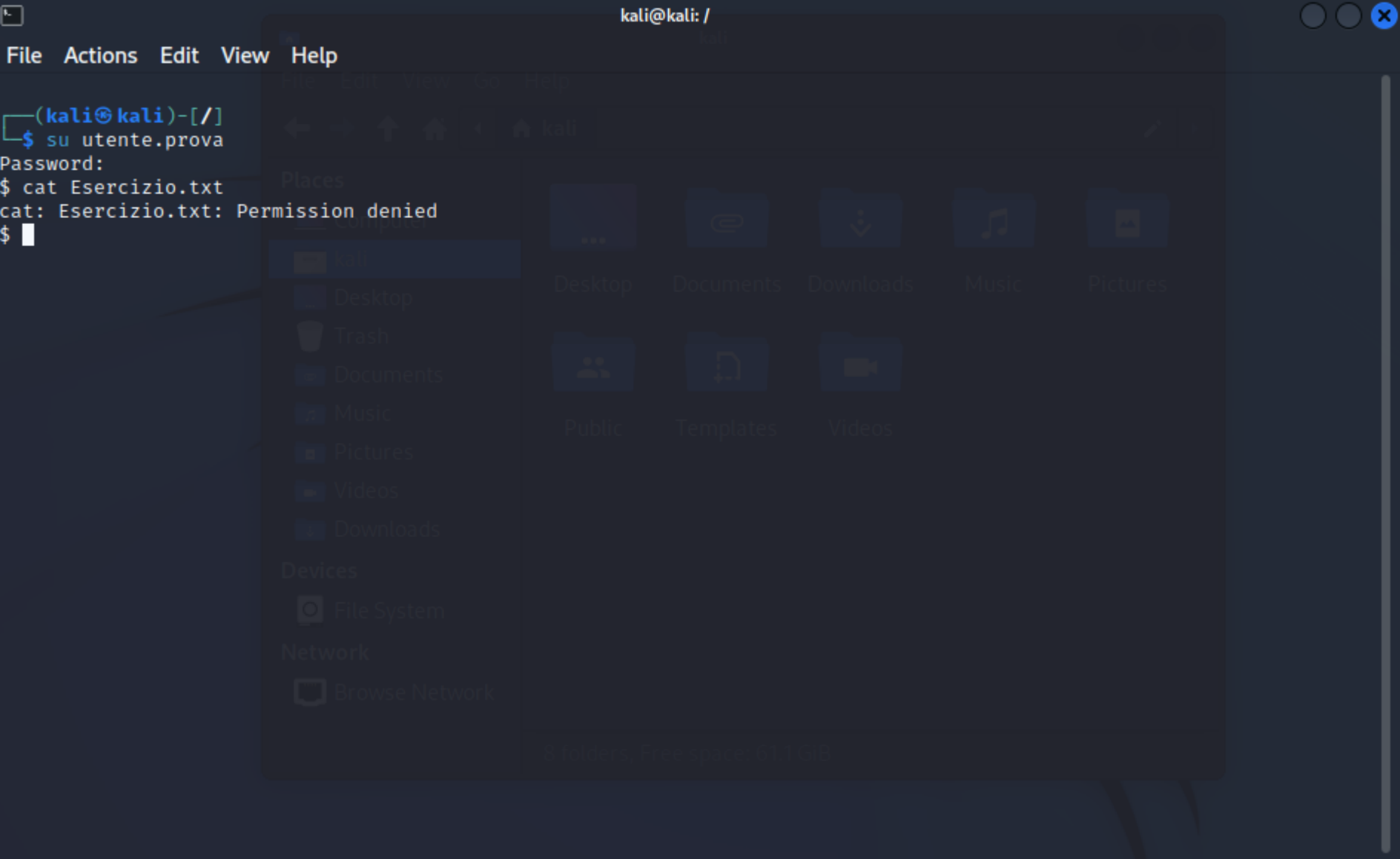


File Actions Edit View Help

(kali@kali)-[/]  
\$ su utente.prova

Password:  
\$ cat Esercizio.txt  
cat: Esercizio.txt: Permission denied  
\$

kali@kali: /



File Edit View Go Help

← → ↑ ↩ 🏠 kali

Places

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- 📁 Pictures
- 📁 Videos
- 📁 Downloads

Devices

📁 File System

Network

📁 Browse Network

Desktop

Documents

Downloads

Music

Pictures

Public

Templates

Videos

8 folders, Free space: 61.1 GiB





File Actions Edit View Help

```
(kali㉿kali)-[~]  
$ sudo rm -r epicode_lab  
[sudo] password for kali:  
rm: cannot remove 'epicode_lab': No such file or directory
```

```
(kali㉿kali)-[~]  
$ cd Desktop
```

```
(kali㉿kali)-[~/Desktop]  
$ sudo rm -r epicode_lab
```

```
(kali㉿kali)-[~/Desktop]  
$ sudo userdel utente.prova
```

```
(kali㉿kali)-[~/Desktop]  
$ cd /
```

```
(kali㉿kali)-[/]  
$ sudo rm Esercizio.txt
```

```
(kali㉿kali)-[/]  
$
```