

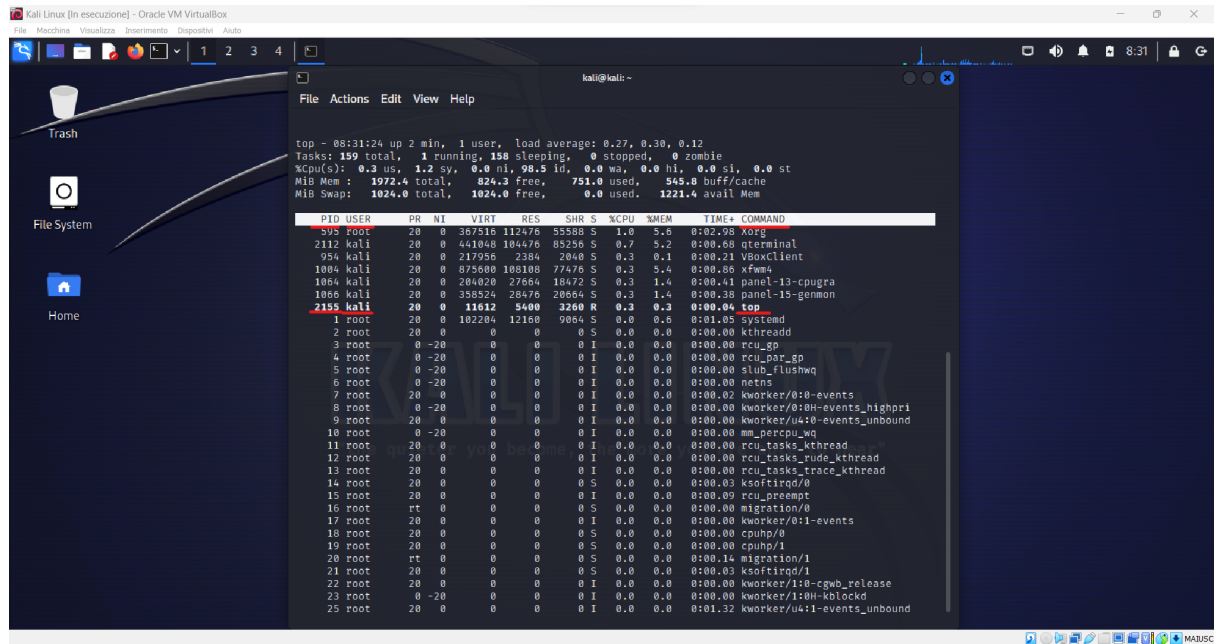
# Esercizio 09/05/2023 da Rossella Amore

1- Apro il terminal di Kali Linux su VM e scrivo il comando “top”.

La colonna PID (Process Identifier) è il numero che identifica un processo in esecuzione.

La colonna USER rappresenta l'utente che ha avviato il processo.

La colonna COMMAND è il comando che ha avviato il processo.



```
top - 08:31:24 up 2 min, 1 user, load average: 0.27, 0.30, 0.12
Tasks: 159 total, 1 running, 158 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 1.2 sy, 0.0 ni, 98.5 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 1972.4 total, 824.3 free, 751.0 used, 545.8 buff/cache
MiB Swap: 1024.0 total, 1024.0 free, 0.0 used, 1221.4 avail Mem

  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
 593 root        20   0 367516 112476 55588 S   1.0   5.6   0:02.98 Xorg
2112 kali        20   0 441048 104476 85256 S   0.7   5.2   0:00.68 qterminal
 954 kali        20   0 217956 2384 2040 S   0.3   0.1   0:00.21 VBoxClient
1004 kali        20   0 875600 106108 77476 S   0.3   5.4   0:00.66 xfwm4
1064 kali        20   0 204020 27664 18472 S   0.3   1.4   0:00.41 panel-13-cpugra
1066 kali        20   0 358524 28476 20664 S   0.3   1.4   0:00.38 panel-15-genmon
2115 kali        20   0 11612 5400 3260 R   0.3   0.3   0:00.04 top
  1 root         20   0 102204 12160 9064 S   0.0   0.6   0:01.03 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
  7 root         20   0 0 0 0 I   0.0   0.0   0:00.02 kworker/0:0-events
  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   0:00.00 kworker/u4:0-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_kthreadd
12 root         20   0 0 0 0 I   0.0   0.0   0:00.00 rcu_tasks_rude_kthreadd
13 root         20   0 0 0 0 I   0.0   0.0   0:00.00 rcu_tasks_trace_kthreadd
14 root         20   0 0 0 0 S   0.0   0.0   0:00.03 ksoftirqd/0
15 root         20   0 0 0 0 I   0.0   0.0   0:00.09 rcu_preempt
16 root         0 -20 0 0 0 S   0.0   0.0   0:00.00 migration/0
17 root         20   0 0 0 0 I   0.0   0.0   0:00.00 kworker/0:1-events
18 root         20   0 0 0 0 S   0.0   0.0   0:00.00 cpuhp/0
19 root         20   0 0 0 0 S   0.0   0.0   0:00.00 cpuhp/1
20 root         0 -20 0 0 0 S   0.0   0.0   0:00.14 migration/1
21 root         20   0 0 0 0 S   0.0   0.0   0:00.03 ksoftirqd/1
22 root         20   0 0 0 0 I   0.0   0.0   0:00.00 kworker/1:0-cgwb_release
23 root         0 -20 0 0 0 I   0.0   0.0   0:00.00 kworker/1:0H-kblockd
25 root         20   0 0 0 0 I   0.0   0.0   0:01.32 kworker/u4:1-events_unbound
```

2- Applico il filtro USER=root per visualizzare solo i processi avviati dall'utente “root”.

```
top - 08:52:02 up 23 min, 1 user, load average: 0.20, 0.11, 0.08
Tasks: 149 total, 1 running, 148 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.0 us, 0.0 sy, 0.0 ni, 100.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 1972.4 total, 676.1 free, 769.4 used, 692.8 buff/cache
MiB Swap: 1024.0 total, 1024.0 free, 0.0 used, 1203.1 avail Mem
add filter #1 (ignoring case) as: [!]FLD?VAL USER=root

  PID USER      PR  NI  VIRT  RES  SHR  S  %CPU  %MEM    TIME+  COMMAND
12367 kali        20   0 11612 5352 3200 R 100.0   0.3   0:00.02 top
  1 root         20   0 102204 12192 9064 S   0.0   0.6   0:01.09 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
```

```
Kali Linux [In esecuzione] - Oracle VM VirtualBox
File Macchina Visualizza Inserimento Dispositivi Aiuto

kali@kali: ~

File Actions Edit View Help

top - 08:53:40 up 24 min, 1 user, load average: 0.04, 0.08, 0.07
Tasks: 149 total, 1 running, 148 sleeping, 0 stopped, 0 zombie
%Cpu(s): 1.0 us, 1.0 sy, 0.0 ni, 98.0 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
MiB Mem : 1972.4 total, 671.4 free, 774.0 used, 694.6 buff/cache
MiB Swap: 1024.0 total, 1024.0 free, 0.0 used. 1198.4 avail Mem

  PID USER      PR  NI   VIRT   RES    SHR S  %CPU  %MEM    TIME+  COMMAND
 595 root        20   0 369328 110472 53584 S   2.0   5.5   0:13.62 Xorg
   7 root        20   0     0     0     0 I   0.3   0.0   0:00.14 kworker/0:0-mm_percpu_wq
   1 root        20   0 102204 12192  9064 S   0.0   0.6   0:01.09 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
  14 root        20   0     0     0     0 S   0.0   0.0   0:00.08 ksoftirqd/0
  15 root        20   0     0     0     0 I   0.0   0.0   0:00.49 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
  19 root        20   0     0     0     0 S   0.0   0.0   0:00.00 cpuhp/1
  20 root        rt    0     0     0     0 S   0.0   0.0   0:00.14 migration/1
  21 root        20   0     0     0     0 S   0.0   0.0   0:00.12 ksoftirqd/1
  26 root        20   0     0     0     0 S   0.0   0.0   0:00.00 kdevtmpfs
  27 root         0 -20     0     0     0 I   0.0   0.0   0:00.00 inet_frag_wq
  28 root        20   0     0     0     0 S   0.0   0.0   0:00.00 kauditd
  29 root        20   0     0     0     0 S   0.0   0.0   0:00.00 khungtaskd
  30 root        20   0     0     0     0 S   0.0   0.0   0:00.00 oom_reaper
  31 root        20   0     0     0     0 I   0.0   0.0   0:00.04 kworker/u4:2-flush-8:0
  32 root         0 -20     0     0     0 I   0.0   0.0   0:00.00 writeback
  33 root        20   0     0     0     0 S   0.0   0.0   0:00.04 kcompactd0
  34 root        25   5     0     0     0 S   0.0   0.0   0:00.00 ksmd
  35 root        39  19     0     0     0 S   0.0   0.0   0:00.24 khugepaged
  36 root         0 -20     0     0     0 I   0.0   0.0   0:00.00 kintegrityd
  37 root         0 -20     0     0     0 I   0.0   0.0   0:00.00 kblockd
  38 root         0 -20     0     0     0 I   0.0   0.0   0:00.00 blkcg_punt_bio
```

3- Applico lo stesso filtro, sostituendo "root" con "kali" per visualizzare solo i processi avviati da kali.

PID	USER	PR	NI	VIRT	RES	SHR	S	%CPU	%MEM	TIME+	COMMAND
1049	kali	20	0	475620	46276	34420	S	1.3	2.3	0:00.90	xfce4-panel
16470	kali	20	0	443076	106480	87148	S	1.3	5.3	0:00.38	qterminal
1004	kali	20	0	875600	112340	77476	S	1.0	5.6	0:05.48	xfwm4
1059	kali	20	0	402048	49988	36236	S	1.0	2.5	0:00.99	panel-1-whisker
954	kali	20	0	217956	2384	2040	S	0.3	0.1	0:03.90	VBoxClient
1064	kali	20	0	204020	31800	18472	S	0.3	1.6	0:04.27	panel-13-cpugra
1067	kali	20	0	600976	42900	33804	S	0.3	2.1	0:01.27	panel-16-pulsea
<b>16498</b>	<b>kali</b>	<b>20</b>	<b>0</b>	<b>11612</b>	<b>5416</b>	<b>3268</b>	<b>R</b>	<b>0.3</b>	<b>0.3</b>	<b>0:00.04</b>	<b>top</b>
839	kali	20	0	19084	10888	8920	S	0.0	0.5	0:00.11	systemd
840	kali	20	0	103316	3228	0	S	0.0	0.2	0:00.00	(sd-pam)
855	kali	9	-11	660496	36296	24296	S	0.0	1.8	0:00.17	pulseaudio
857	kali	20	0	239748	11700	8664	S	0.0	0.6	0:00.03	gnome-keyring-d
864	kali	20	0	9552	5352	4336	S	0.0	0.3	0:00.57	dbus-daemon
865	kali	20	0	267868	29768	17772	S	0.0	1.5	0:00.49	xfce4-session
928	kali	20	0	19152	344	0	S	0.0	0.0	0:00.00	VBoxClient
930	kali	20	0	217340	3976	3432	S	0.0	0.2	0:00.01	VBoxClient
945	kali	20	0	19152	340	0	S	0.0	0.0	0:00.00	VBoxClient
947	kali	20	0	217440	2380	2036	S	0.0	0.1	0:01.23	VBoxClient
953	kali	20	0	19152	340	0	S	0.0	0.0	0:00.00	VBoxClient
966	kali	20	0	7908	840	0	S	0.0	0.0	0:00.00	ssh-agent
976	kali	20	0	311176	12212	7332	S	0.0	0.6	0:00.01	at-spi-bus-laun
982	kali	20	0	9236	4740	4216	S	0.0	0.2	0:00.07	dbus-daemon
991	kali	20	0	164364	10056	7184	S	0.0	0.5	0:00.16	at-spi2-registr
1002	kali	20	0	81256	5628	3284	S	0.0	0.3	0:00.00	gpg-agent
1007	kali	20	0	237504	9888	6908	S	0.0	0.5	0:00.02	gvfsd
1012	kali	20	0	380364	8640	5888	S	0.0	0.4	0:00.00	gvfsd-fuse
1030	kali	20	0	19152	344	0	S	0.0	0.0	0:00.00	VBoxClient
1031	kali	20	0	217544	3388	2868	S	0.0	0.2	0:00.34	VBoxClient
1040	kali	20	0	231168	30160	20032	S	0.0	1.5	0:00.44	xfsettingsd
1053	kali	20	0	341188	26632	17312	S	0.0	1.3	0:00.13	Thunar
1058	kali	20	0	426560	75184	35528	S	0.0	3.7	0:01.58	xfdesktop
1065	kali	20	0	340004	28940	17676	S	0.0	1.4	0:00.14	panel-14-systra
1066	kali	20	0	358524	28676	20764	S	0.0	1.4	0:04.14	panel-15-genmon

4- Sul terminale, scrivo il comando “cd /home/kali/Desktop” per spostarmi sul desktop, qui creo la directory “Epicode\_Lab” con il comando “mkdir”.

```

(kali@kali)-[~]
$ cd /home/kali/Desktop

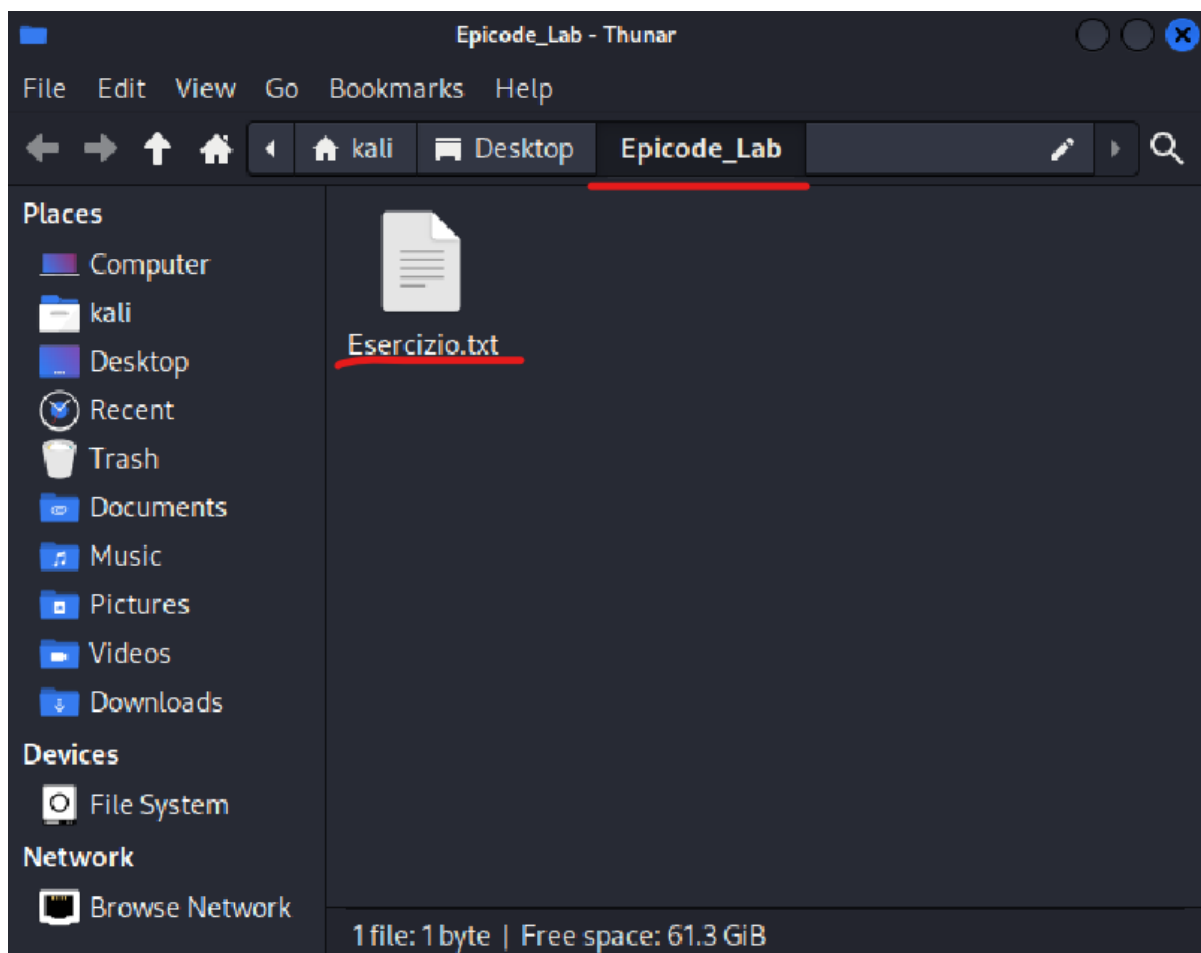
(kali@kali)-[~/Desktop]
$ mkdir Epicode_Lab

```

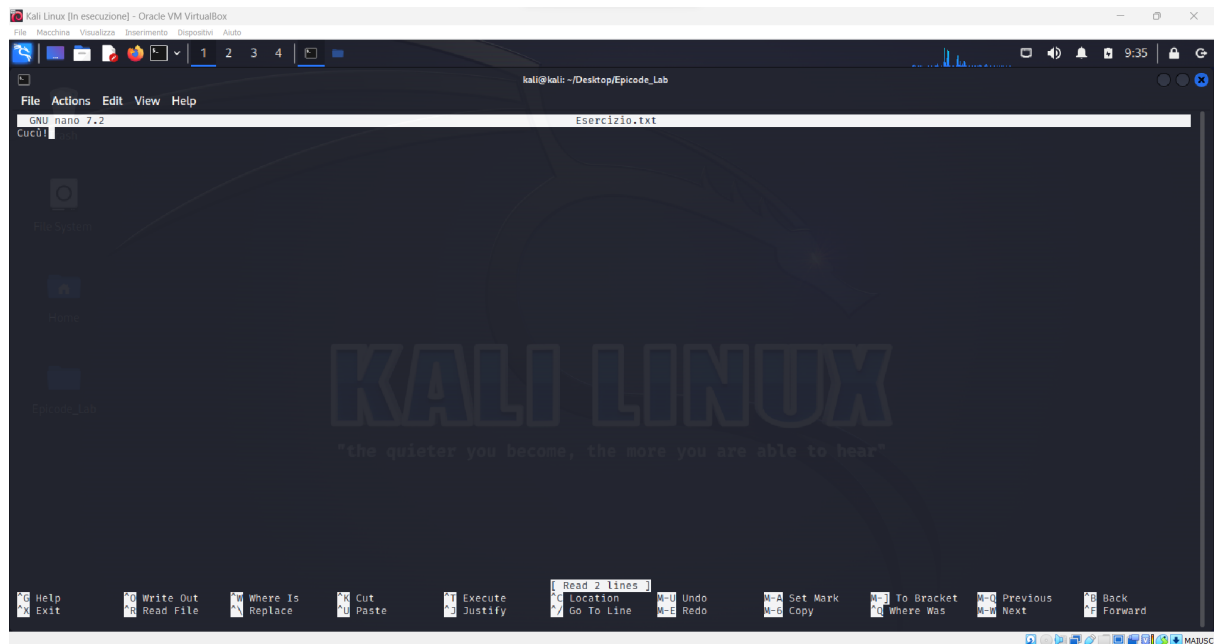


5- Mi sposto sulla cartella Epicode\_Lab con il comando “cd” e creo il file di testo “Esercizio.txt” con il comando “cat”.

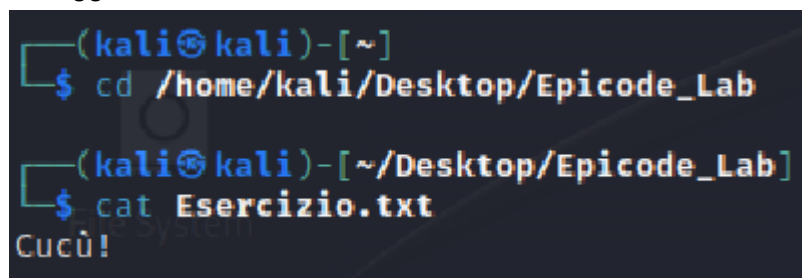
```
(kali@kali)-[~/Desktop/Epicode_Lab]  
$ cat >Esercizio.txt
```



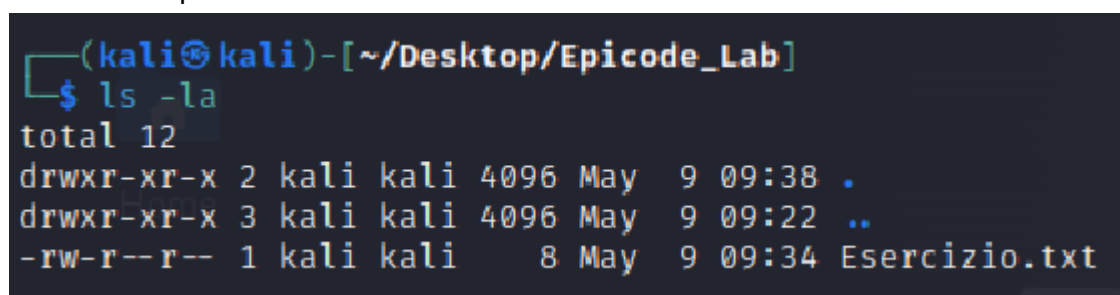
6- Modifico il file con il comando “sudo nano Esercizio.txt” e lo salvo.



7- Leggo il file nella cartella con il comando “cat”.



8- Controllo i permessi con il comando “ls -la”.



9- Modifico i permessi del file con una sintassi ottale, modificando i permessi dell'utente, del gruppo e degli altri utenti in una sola volta con il comando “chmod”.

Il 7 assegna all'utente i privilegi di lettura, scrittura ed esecuzione (rwx).

Il 6 assegna al gruppo i permessi di lettura e scrittura (rw).

Il 4 assegna agli altri utenti i permessi di sola lettura. (r).

Verifico con il comando “ls -la”.

```
(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 May  9 09:38 .
drwxr-xr-x 3 kali kali 4096 May  9 09:22 ..
-rwxrw-r-- 1 kali kali    8 May  9 09:34 Esercizio.txt
```

10- Creo un nuovo utente con il comando “sudo useradd” per ottenere i privilegi necessari e uso il comando “sudo passwd ‘nome\_utente’” per aggiungere o cambiare una password per quell’utente. Linux non permette di visualizzare la password.

```
(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ sudo useradd Michael_Pitolano
```

```
(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ sudo passwd Michael_Pitolano
New password:
Retype new password:
passwd: password updated successfully
```

11- Con il comando “chmod o=- Esercizio.txt” rimuovo tutti i privilegi sul file Esercizio.txt agli altri utenti e verifico con “ls -la”.

```
(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ chmod o=- Esercizio.txt

(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ ls -la
total 12
drwxr-xr-x 2 kali kali 4096 May  9 09:38 .
drwxr-xr-x 3 kali kali 4096 May  9 09:22 ..
-rwxrw----- 1 kali kali    8 May  9 09:34 Esercizio.txt
```

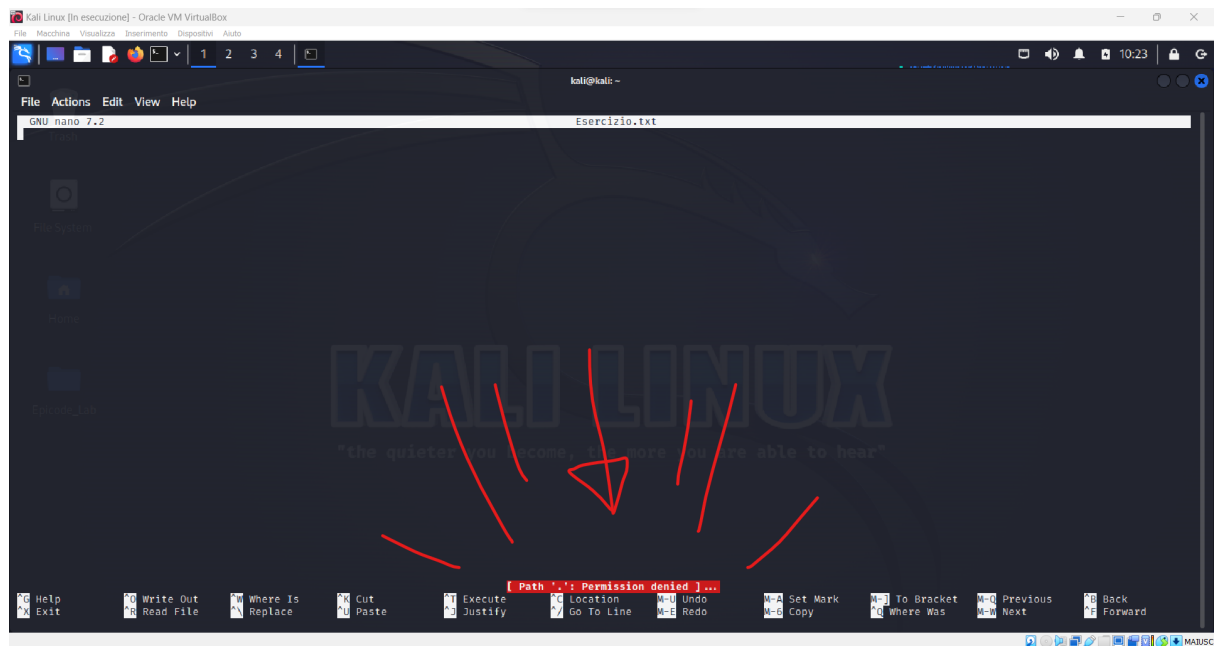
12- Sposto il file su root con il comando “mv Esercizio.txt ~/” e verifico con il comando “ls”.

```
(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ mv Esercizio.txt ~/
```

```
(kali㉿kali)-[~/Desktop/Epicode_Lab]
$ ls ~/
Desktop  Documents  Downloads  Esercizio.txt  Music  Pictures  Public  Templates  Videos
```

13- Cambio l'utente con il comando "su" e inserisco la sua password.

14- Quando provo a visualizzare il file Esercizio.txt con il comando "nano", appare l'errore "[ Path '': Permission denied ] ..."



15- Ripetendo l'esercizio, nonostante i privilegi assegnati al file, l'errore rimane lo stesso.



```
File Actions Edit View Help
(kali@kali)-[~]
$ ls -la
total 168
drwx----- 16 kali kali 4096 May  9 10:29 .
drwxr-xr-x  3 root root 4096 Mar 10 08:52 ..
-rw-r--r--  1 kali kali  220 Mar 10 08:52 .bash_logout
-rw-r--r--  1 kali kali 5551 Mar 10 08:52 .bashrc
-rw-r--r--  1 kali kali 3526 Mar 10 08:52 .bashrc.original
drwxr-xr-x  7 kali kali 4096 May  9 10:12 .cache
drwxr-xr-x 15 kali kali 4096 May  9 09:34 .config
drwxr-xr-x  3 kali kali 4096 May  9 09:22 Desktop
-rw-r--r--  1 kali kali  35 May  6 10:29 .dmrc
drwxr-xr-x  3 kali kali 4096 May  7 11:18 Documents
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Downloads
-rwxrwxr--  1 kali kali  8 May  9 09:34 Esercizio.txt
-rw-r--r--  1 kali kali 11759 Mar 10 08:52 .face
lrwxrwxrwx  1 kali kali  5 Mar 10 08:52 .face.icon -> .face
drwx----- 3 kali kali 4096 May  6 10:29 .gnupg
-rw-----  1 kali kali  0 May  6 10:29 .ICEauthority
drwxr-xr-x  3 kali kali 4096 Mar 10 08:52 .java
drwxr-xr-x  3 kali kali 4096 Mar 10 08:52 .local
drwxr-xr-x  3 kali kali 4096 May  9 08:34 .msf4
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Music
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Pictures
-rw-r--r--  1 kali kali  807 Mar 10 08:52 .profile
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Public
-rw-r--r--  1 kali kali  0 May  6 10:35 .sudo_as_admin_successful
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Templates
-rw-r----- 1 kali kali  4 May  9 08:29 .vboxclient-clipboard.pid
-rw-r----- 1 kali kali  5 May  9 08:29 .vboxclient-display-svgx-x11.pid
-rw-r----- 1 kali kali  4 May  9 08:29 .vboxclient-draganddrop.pid
-rw-r----- 1 kali kali  4 May  9 08:29 .vboxclient-seamless.pid
-rw-r----- 1 kali kali  5 May  9 08:29 .vboxclient-vmxvga-session-tty7.pid
drwxr-xr-x  2 kali kali 4096 May  6 10:29 Videos
-rw----- 1 kali kali  49 May  9 08:29 .Xauthority
-rw----- 1 kali kali 9509 May  9 10:29 .xsession-errors
-rw----- 1 kali kali 9158 May  7 16:10 .xsession-errors.old
-rw----- 1 kali kali 1216 May  9 10:29 .zsh_history
-rw-r--r--  1 kali kali 10868 Mar 10 08:52 .zshrc
```

16- Torno sull'utente Kali e rimuovo la directory Epicode\_Lab, il file Esercizio.txt con il comando "rm -r" e il nuovo utente con il comando "sudo userdel". Per verificare l'eliminazione uso "ls -la". Per visualizzare una lista di tutti gli utenti, uso il comando "getent passwd" e il comando "getent passwd | grep 'nome\_utente'" per filtrare il nome dell'utente creato. Non ottenere alcun risultato significa che l'utente non esiste, eliminato con successo.



```

└─$ ls -la
total 164
drwx----- 16 kali kali 4096 May 9 10:42 .
drwxr-xr-x 3 root root 4096 Mar 10 08:52 ..
-rw-r--r-- 1 kali kali 220 Mar 10 08:52 .bash_logout
-rw-r--r-- 1 kali kali 5551 Mar 10 08:52 .bashrc
-rw-r--r-- 1 kali kali 3526 Mar 10 08:52 .bashrc.original
drwxr-xr-x 7 kali kali 4096 May 9 10:12 .cache
drwxr-xr-x 15 kali kali 4096 May 9 09:34 .config
drwxr-xr-x 2 kali kali 4096 May 9 10:36 Desktop
-rw-r--r-- 1 kali kali 35 May 6 10:29 .dmrc
drwxr-xr-x 3 kali kali 4096 May 7 11:18 Documents
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Downloads
-rw-r--r-- 1 kali kali 11759 Mar 10 08:52 .face
lrwxrwxrwx 1 kali kali 5 Mar 10 08:52 .face.icon → .face
drwx----- 3 kali kali 4096 May 6 10:29 .gnupg
-rw----- 1 kali kali 0 May 6 10:29 .ICEauthority
drwxr-xr-x 3 kali kali 4096 Mar 10 08:52 .java
drwxr-xr-x 3 kali kali 4096 Mar 10 08:52 .local
drwxr-xr-x 3 kali kali 4096 May 9 08:34 .msf4
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Music
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Pictures
-rw-r--r-- 1 kali kali 807 Mar 10 08:52 .profile
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Public
-rw-r--r-- 1 kali kali 0 May 6 10:35 .sudo_as_admin_successful
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Templates
-rw-r----- 1 kali kali 4 May 9 08:29 .vboxclient-clipboard.pid
-rw-r----- 1 kali kali 5 May 9 08:29 .vboxclient-display-svga-x11.pid
-rw-r----- 1 kali kali 4 May 9 08:29 .vboxclient-draganddrop.pid
-rw-r----- 1 kali kali 4 May 9 08:29 .vboxclient-seamless.pid
-rw-r----- 1 kali kali 5 May 9 08:29 .vboxclient-vmsvg-session-tty7.pid
drwxr-xr-x 2 kali kali 4096 May 6 10:29 Videos
-rw----- 1 kali kali 49 May 9 08:29 .Xauthority
-rw----- 1 kali kali 9624 May 9 10:42 .xsession-errors
-rw----- 1 kali kali 9158 May 7 16:10 .xsession-errors.old
-rw----- 1 kali kali 1554 May 9 10:42 .zsh_history
-rw-r--r-- 1 kali kali 10868 Mar 10 08:52 .zshrc

```

```

Kali Linux [In esecuzione] - Oracle VM VirtualBox
File Macchine Visualizza Inserimento Dispositivi Aiuto

kali@kali: ~
File Actions Edit View Help

strongswan:x:102:65534::/var/lib/strongswan:/usr/sbin/nologin
tcpdump:x:103:110::/nonexistent:/usr/sbin/nologin
usbmux:x:104:46:usbmux daemon,,,:/var/lib/usbmux:/usr/sbin/nologin
sshd:x:105:65534::/run/ssh:/usr/sbin/nologin
dnsmasq:x:106:65534:dnsmasq,,,:/var/lib/misc:/usr/sbin/nologin
avahi:x:107:112:Avahi mDNS daemon,,,:/run/avahi-daemon:/usr/sbin/nologin
speech-dispatcher:x:108:29:Speech Dispatcher,,,:/run/speech-dispatcher:/bin/false
pulse:x:109:113:PulseAudio daemon,,,:/run/pulse:/usr/sbin/nologin
saned:x:110:116::/var/lib/saned:/usr/sbin/nologin
lightdm:x:111:117:Light Display Manager:/var/lib/lightdm:/bin/false
polkitd:x:996:996:polkit:/nonexistent:/usr/sbin/nologin
nm-openvpn:x:112:118:NetworkManager OpenVPN,,,:/var/lib/openvpn/chroot:/usr/sbin/nologin
rtkit:x:113:119:RealtimeKit,,,:/proc:/usr/sbin/nologin
colord:x:114:120:colord colour management daemon,,,:/var/lib/colord:/usr/sbin/nologin
nm-openconnect:x:115:121:NetworkManager OpenConnect plugin,,,:/var/lib/NetworkManager:/usr/sbin/nologin
mysqld:x:116:123:MySQL Server,,:/nonexistent:/bin/false
stunnel4:x:995:995:stunnel service system accounts:/var/run/stunnel4:/usr/sbin/nologin
_rpc:x:117:65534::/run/rpcbind:/usr/sbin/nologin
geoclue:x:118:125::/var/lib/geoclue:/usr/sbin/nologin
debian-smp:x:119:126::/var/lib/smp:/bin/false
slsh:x:120:128::/nonexistent:/usr/sbin/nologin
ntpsvc:x:121:131::/nonexistent:/usr/sbin/nologin
redsocks:x:122:132::/var/run/redsocks:/usr/sbin/nologin
rwhod:x:123:165534::/var/spool/rwhod:/usr/sbin/nologin
iodine:x:124:65534::/run/iodine:/usr/sbin/nologin
wireds:x:125:65534::/var/run/wireds:/usr/sbin/nologin
statd:x:126:65534::/var/lib/nfs:/usr/sbin/nologin
redis:x:127:133::/var/lib/redis:/usr/sbin/nologin
postgres:x:128:134:PostgreSQL administrator,,:/var/lib/postgresql/bin/bash
mosquitto:x:129:136::/var/lib/mosquitto:/usr/sbin/nologin
inetsim:x:130:137::/var/lib/inetsim:/usr/sbin/nologin
_gvm:x:131:139::/var/lib/openvas:/usr/sbin/nologin
king-phisher:x:132:140::/var/lib/king-phisher:/usr/sbin/nologin
kali:x:1000:1000,,,:/home/kali:/usr/bin/zsh

(kali@kali) ~
└─$ getent passwd | grep Michael_Pitolano

(kali@kali) ~
└─$

```

