

Questa è la consegna per l'esercizio:

In ordine consequenziale prima le lettere a,b,c,d,e,f,g,h,i e poi 1,2,3,4,5,6,7,8,9

```
File Macchina Visualizza Inserimento Dispositivi Aiuto
kali@kali: ~
File Actions Edit View Help
Desktop
Documents
Downloads
Music
Pictures
Public
Templates
Videos
dos
studenti
  anna
    casa
  matteo
    amici
  nicola
    lavoro
    scuola
      compito.doc
      relazione.doc
tmp
  risultati.doc
windows
20 directories, 3 files
```

```
kali@kali: ~/studenti/nicola/scuola
File Actions Edit View Help
$ cd studenti
(kali@kali)-[~/studenti]
$ cd nicola
(kali@kali)-[~/studenti/nicola]
$ cd lavoro
(kali@kali)-[~/studenti/nicola/lavoro]
$ cd /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ pwd
/home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ cd /home/kali/studenti/nicola/scuola
(kali@kali)-[~/studenti/nicola/scuola]
$ pwd
/home/kali/studenti/nicola/scuola
(kali@kali)-[~/studenti/nicola/scuola]
$ cp compito.doc /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/nicola/scuola]
$
```

```
kali@kali: ~/studenti/anna/casa
File Actions Edit View Help
(kali@kali)-[~/studenti/anna/casa]
$ pwd
/home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ cd /home/kali/studenti/nicola/scuola
(kali@kali)-[~/studenti/nicola/scuola]
$ pwd
/home/kali/studenti/nicola/scuola
(kali@kali)-[~/studenti/nicola/scuola]
$ cp compito.doc /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/nicola/scuola]
$ cd /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ pwd
/home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ mv /home/kali/studenti/nicola/scuola/compito.doc /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$

kali@kali: ~
File Actions Edit View Help
(kali@kali)-[~/studenti/nicola/scuola]
$ cd /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ pwd
/home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ mv /home/kali/studenti/nicola/scuola/compito.doc /home/kali/studenti/anna/casa
(kali@kali)-[~/studenti/anna/casa]
$ cd ..
(kali@kali)-[~/studenti/anna]
$ cd ..
(kali@kali)-[~/studenti]
$ cd ..
(kali@kali)-[~]
$ pwd
/home/kali
(kali@kali)-[~]
$ rmdir tmp
```

```
kali@kali: ~  
File Actions Edit View Help  
  
(kali@kali)-[~/studenti/anna/casa]  
$ pwd  
/home/kali/studenti/anna/casa  
  
(kali@kali)-[~/studenti/anna/casa]  
$ mv /home/kali/studenti/nicola/scuola/compito.doc /home/kali/studenti/anna/casa  
  
(kali@kali)-[~/studenti/anna/casa]  
$ cd ..  
  
(kali@kali)-[~/studenti/anna]  
$ cd ..  
  
(kali@kali)-[~/studenti]  
$ cd ..  
  
(kali@kali)-[~]  
$ pwd  
/home/kali  
  
(kali@kali)-[~]  
$ touch /home/kali/studenti/nicola/lavoro/ pippo.txt  
  
(kali@kali)-[~]  
$ sS
```

```
kali@kali: ~/studenti/nicola/lavoro  
File Actions Edit View Help  
  
(kali@kali)-[~/studenti]  
$ cd nicola  
  
(kali@kali)-[~/studenti/nicola]  
$ cd lavoro  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$ touch pippo.txt  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$ tree  
.  
└─ pippo.txt  
1 directory, 1 file  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$ chmod ls -l pippo.txt  
chmod: invalid option -- 'l'  
Try 'chmod --help' for more information.  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$ ls -l pippo.txt  
-rw-r--r-- 1 kali kali 0 Mar 19 19:28 pippo.txt  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$
```

```
kali@kali: ~/studenti
File Actions Edit View Help
drwxr-xr-x 2 kali kali 4096 Mar 19 18:37 casa

(kali@kali)-[~/studenti]
$ sudo chmod go-w anna

(kali@kali)-[~/studenti]
$ ls -l anna
total 4
drwxr-xr-x 2 kali kali 4096 Mar 19 18:37 casa

(kali@kali)-[~/studenti]
$ sudo chmod go-r anna

(kali@kali)-[~/studenti]
$ ls -l anna
total 4
drwxr-xr-x 2 kali kali 4096 Mar 19 18:37 casa

(kali@kali)-[~/studenti]
$ sudo chmod ugo-r anna

(kali@kali)-[~/studenti]
$ ls -l anna
ls: cannot open directory 'anna': Permission denied

(kali@kali)-[~/studenti]
$ ss
```

```
kali@kali: ~  
File Actions Edit View Help  
kali@kali: ~/studenti/nicola/lavoro  
File Actions Edit View Help  
$ tree  
.  
├── anna  
│   └── casa  
│       └── compito.doc  
├── matteo  
│   └── amici  
└── nicola  
    ├── lavoro  
    │   └── pippo.txt  
    └── scuola  
        └── relazione.doc  
  
8 directories, 3 files  
  
(kali@kali)-[~/studenti]  
$ cd nicola  
  
(kali@kali)-[~/studenti/nicola]  
$ cd lavoro  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$ ls /home/kali/studenti/nicola/lavoro/pippo.txt  
/home/kali/studenti/nicola/lavoro/pippo.txt  
  
(kali@kali)-[~/studenti/nicola/lavoro]  
$
```

```
kali@kali: ~  
File Actions Edit View Help  
kali@kali: ~/studenti/matteo  
File Actions Edit View Help  
—(kali@kali)-[~/studenti]  
$ cd nicola  
  
—(kali@kali)-[~/studenti/nicola]  
$ cd lavoro  
  
—(kali@kali)-[~/studenti/nicola/lavoro]  
$ ls /home/kali/studenti/nicola/lavoro/pippo.txt  
/home/kali/studenti/nicola/lavoro/pippo.txt  
  
—(kali@kali)-[~/studenti/nicola/lavoro]  
$ cd ..  
  
—(kali@kali)-[~/studenti/nicola]  
$ cd ..  
  
—(kali@kali)-[~/studenti]  
$ cd matteo  
  
—(kali@kali)-[~/studenti/matteo]  
$ cd amici  
  
—(kali@kali)-[~/studenti/matteo/amici]  
$ cd ..  
  
—(kali@kali)-[~/studenti/matteo]  
$ rmdir amici
```

```
kali@kali: /home
File Actions Edit View Help
(kali@kali)-[~/studenti]
$ cd matteo

(kali@kali)-[~/studenti/matteo]
$ cd amici

(kali@kali)-[~/studenti/matteo/amici]
$ cd ..

(kali@kali)-[~/studenti/matteo]
$ cd

(kali@kali)-[~]
$ pwd
/home/kali

(kali@kali)-[~]
$ cd ..

(kali@kali)-[/home]
$ kali

(kali@kali)-[~]
$ cd ..

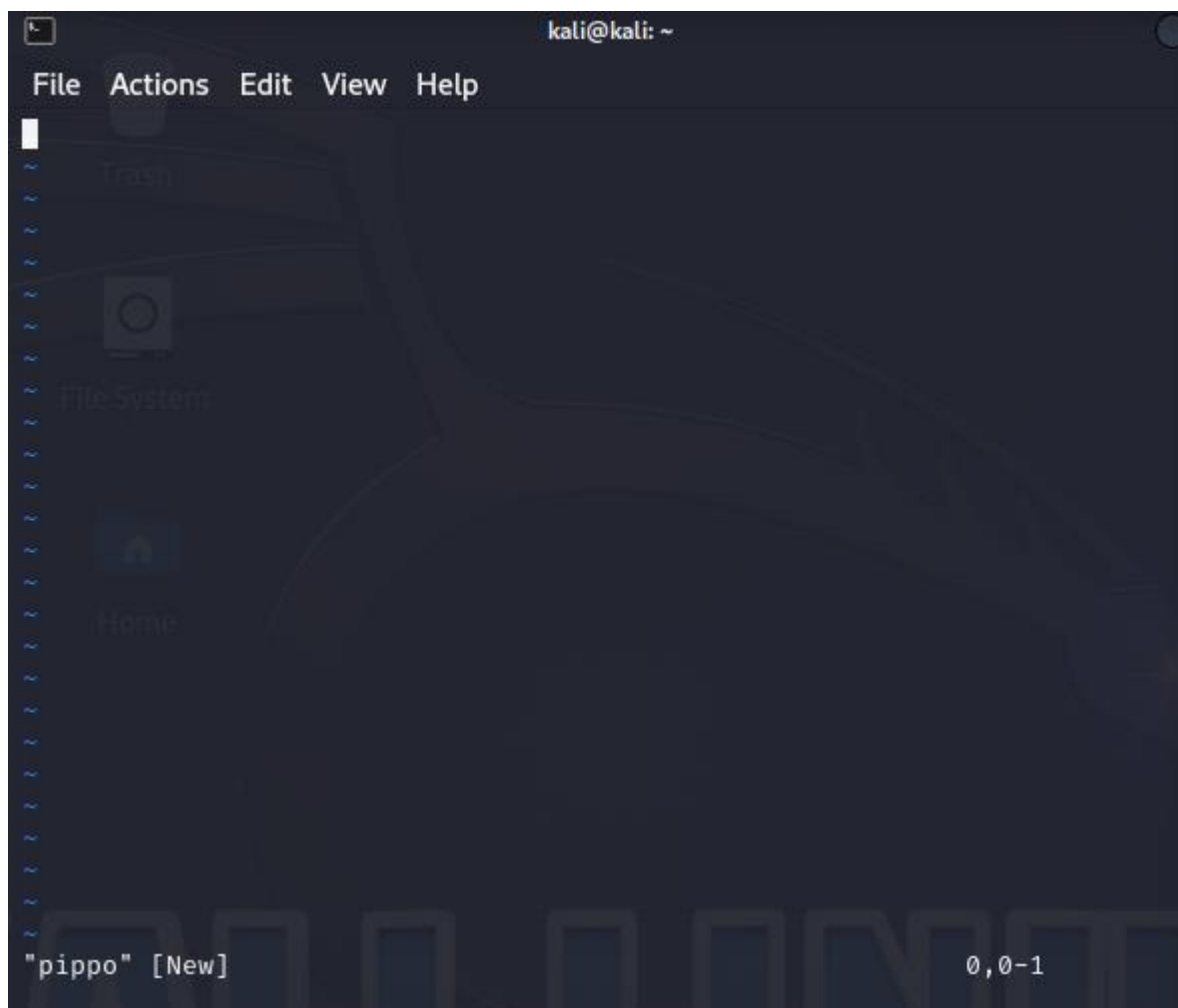
(kali@kali)-[/home]
$ -rf kali
```



```
kali@kali: ~  
File Actions Edit View Help  
KILL(1) User Commands KILL(  
NAME  
kill - send a signal to a process  
SYNOPSIS  
kill [options] <pid> [ ... ]  
DESCRIPTION  
The default signal for kill is TERM. Use -l or -L to list available  
signals. Particularly useful signals include HUP, INT, KILL, STOP,  
CONT, and 0. Alternate signals may be specified in three ways: -s  
-SIGKILL or -KILL. Negative PID values may be used to choose whole  
process groups; see the PGID column in ps command output. A PID of  
-1 is special; it indicates all processes except the kill process  
itself and init.  
OPTIONS  
<pid> [ ... ]  
Send signal to every <pid> listed.  
-<signal>  
-s <signal>  
--signal <signal>  
Specify the signal to be sent. The signal can be specified  
by using name or number. The behavior of signals is explained in  
Manual page kill(1) line 1 (press h for help or q to quit)
```



```
kali@kali: ~  
File Actions Edit View Help  
PS(1) User Commands PS(1)  
NAME  
    ps - report a snapshot of the current processes.  
SYNOPSIS  
    ps [options]  
DESCRIPTION  
    ps displays information about a selection of the active processes.  
    If you want a repetitive update of the selection and the displayed  
    information, use top instead.  
    This version of ps accepts several kinds of options:  
    1. UNIX options, which may be grouped and must be preceded by  
       dash.  
    2. BSD options, which may be grouped and must not be used with  
       dash.  
    3. GNU long options, which are preceded by two dashes.  
    Options of different types may be freely mixed, but conflicts can  
    appear. There are some synonymous options, which are functionally  
    identical, due to the many standards and ps implementations that  
    this ps is compatible with.  
Manual page ps(1) line 1 (press h for help or q to quit)
```



```
kali@kali: ~  
File Actions Edit View Help  
1105 ? 00:00:00 light-locker  
1113 ? 00:00:00 xfce4-notifyd  
1116 ? 00:00:00 polkit-mate-aut  
1138 ? 00:00:00 nm-applet  
1148 ? 00:00:00 dconf-service  
1150 ? 00:00:00 xcape  
1163 ? 00:00:00 blueman-applet  
1167 ? 00:00:00 xiccd  
1168 ? 00:00:00 gvfs-udisks2-vo  
1174 ? 00:00:00 agent  
1252 ? 00:00:00 gvfs-mtp-volume  
1265 ? 00:00:00 gvfs-afc-volume  
1280 ? 00:00:00 gvfs-goa-volume  
1293 ? 00:00:00 gvfs-gphoto2-vo  
1303 ? 00:00:00 gvfsd-trash  
1313 ? 00:00:00 gvfsd-metadata  
1331 ? 00:00:00 obexd  
56955 ? 00:00:00 xfconfd  
59869 ? 00:00:00 qterminal  
59872 pts/0 00:00:00 zsh  
59991 pts/0 00:00:00 vi  
60220 ? 00:00:00 qterminal  
60223 pts/1 00:00:01 pwsh  
60402 ? 00:00:00 exe  
60405 pts/2 00:00:00 zsh  
60929 pts/2 00:00:00 ps
```

```
kali@kali: ~  
File Actions Edit View Help  
1105 ? 7.2.6 00:00:00 light-locker  
1113 ? (c) M... 00:00:00 xfce4-notifyd  
1116 ? 00:00:00 polkit-mate-aut  
1138 ? a.ms/pr 00:00:00 nm-applet  
1148 ? to ge 00:00:00 dconf-service  
1150 ? 00:00:00 xcapp  
1163 ? 00:00:00 blueman-applet  
1167 ? 00:00:00 xiccd  
1168 ? 00:00:00 gvfs-udisks2-vo  
1174 ? 00:00:00 agent  
1252 ? 00:00:00 gvfs-mtp-volume  
1265 ? 00:00:00 gvfs-afc-volume  
1280 ? 00:00:00 gvfs-goa-volume  
1293 ? 00:00:00 gvfs-gphoto2-vo  
1303 ? 00:00:00 gvfsd-trash  
1313 ? 00:00:00 gvfsd-metadata  
1331 ? 00:00:00 obexd  
56955 ? 00:00:00 xfconfd  
59869 ? 00:00:00 qterminal  
59872 pts/0 00:00:00 zsh  
59991 pts/0 00:00:00 vi  
60220 ? 00:00:00 qterm  
60223 pts/1 00:00:01 pwsh  
kali@kali: ~  
File Actions Edit View Help  
60405 pts/2 00:00:00 zsh  
60428 pts/3 00:00:00 ps  
-(kali@kali)-[~]  
$ ps -u $USER | grep vi  
1148 ? 00:00:00 dconf-service  
59991 pts/0 00:00:00 vi  
-(kali@kali)-[~]  
$ kill 59991
```

```
PS> kali@kali: /home/kali

File Actions Edit View Help
PowerShell 7.2.6
Copyright (c) Microsoft Corporation.

ps: //aka.ms/powershell kali@kali: ~
File Actions Edit View Help

(kali@kali)-[~]ome/kali
$ firefox &
[1] 63824

(kali@kali)-[~]
$ ps -u $USER | grep firefox
63824 pts/2 00:00:07 firefox-esr

(kali@kali)-[~]
$ kill 63824

(kali@kali)-[~]
$ Exiting due to channel error.
Exiting due to channel error.
Exiting due to channel error.
Exiting due to channel error.
Exiting due to channel error.

[1] + terminated firefox
(kali@kali)-[~]
$
```

```
PS> kali@kali: /home/kali

File Actions Edit View Help
PowerShell 7.2.6
Copyright (c) Microsoft Corporation.

kali@kali: ~
$ ps -u $USER | grep firefox
63824 pts/2    00:00:07 firefox-esr
$ kill 63824

(kali@kali)-[~]
$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            1.9G   0    1.9G   0% /dev
tmpfs           392M 1012K  391M   1% /run
/dev/sda1       49G   14G   33G  30% /
tmpfs           2.0G   0    2.0G   0% /dev/shm
tmpfs           5.0M   0    5.0M   0% /run/lock
tmpfs           392M  116K  392M   1% /run/user/1000

[1] + terminated firefox
(kali@kali)-[~]
$ sS
```