

```
radwa@radwa-VirtualBox:~$ mkdir itl-0
radwa@radwa-VirtualBox:~$ ls -l
total 40
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Desktop
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Documents
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Downloads
drwxrwxr-x 2 radwa radwa 4096 13:37 8 فيبر itl-0
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Music
drwxr-xr-x 2 radwa radwa 4096 12:51 1 فيبر Pictures
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Public
drwx----- 3 radwa radwa 4096 11:59 1 فيبر snap
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Templates
drwxr-xr-x 2 radwa radwa 4096 18:29 23 أكت Videos
radwa@radwa-VirtualBox:~$ ls
Desktop Documents Downloads itl-0 Music Pictures Public snap Templates Videos
radwa@radwa-VirtualBox:~$
```

```
radwa@radwa-VirtualBox:~/itl-0$ touch file1.txt
radwa@radwa-VirtualBox:~/itl-0$ echo 'hell9 all' >> file1.txt
radwa@radwa-VirtualBox:~/itl-0$ cat file1.txt
hell9 all
radwa@radwa-VirtualBox:~/itl-0$ sed -i 's/9/o/g' file1.txt
radwa@radwa-VirtualBox:~/itl-0$ cat file1.txt
hello all
radwa@radwa-VirtualBox:~/itl-0$ touch file2.txt
radwa@radwa-VirtualBox:~/itl-0$ cp file1.txt file2.txt
radwa@radwa-VirtualBox:~/itl-0$ cat file2.txt
hello all
radwa@radwa-VirtualBox:~/itl-0$ rm file1.txt
radwa@radwa-VirtualBox:~/itl-0$
```

```
radwa@radwa-VirtualBox:~$ cd itl-0
radwa@radwa-VirtualBox:~/itl-0$ ls
file2.tx file2.txt listing.txt
radwa@radwa-VirtualBox:~/itl-0$ ls /var > listing.txt
radwa@radwa-VirtualBox:~/itl-0$ cat listing.txt
cat: listing.txt: No such file or directory
radwa@radwa-VirtualBox:~/itl-0$ ls listing.txt
ls: cannot access 'listing.txt': No such file or directory
radwa@radwa-VirtualBox:~/itl-0$ cat listing.txt
backups
cache
crash
lib
local
lock
log
mail
metrics
opt
run
snap
spool
tmp
radwa@radwa-VirtualBox:~/itl-0$ mv listing.txt list_output.txt
radwa@radwa-VirtualBox:~/itl-0$ ls
file2.tx file2.txt list_output.txt
radwa@radwa-VirtualBox:~/itl-0$
```

```
radwa@radwa-VirtualBox:~/itl-0$ touch list_output_number.txt
radwa@radwa-VirtualBox:~/itl-0$ cat -n listing.txt > list_output_number.txt
cat: listing.txt: No such file or directory
radwa@radwa-VirtualBox:~/itl-0$ cat -n list_output.txt > list_output_number.txt
radwa@radwa-VirtualBox:~/itl-0$ cat list_output_number.txt
 1 backups
 2 cache
 3 crash
 4 lib
 5 local
 6 lock
 7 log
 8 mail
 9 metrics
10 opt
11 run
12 snap
13 spool
14 tmp
radwa@radwa-VirtualBox:~/itl-0$
```

```
radwa@radwa-VirtualBox:~/itl-0$ tail -n 5 list_output_number.txt
14 tmp
10 opt
11 run
12 snap
13 spool
radwa@radwa-VirtualBox:~/itl-0$
```

```
radwa@radwa-VirtualBox:~/itl-0$ tail -n 5 list_output_number.txt
14 tmp
10 opt
11 run
12 snap
13 spool
radwa@radwa-VirtualBox:~/itl-0$
```