

Objectives:

1-Create Directory called iti-0

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1$ mkdir iti-0
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1$ cd iti-0
```

2-create file1.txt

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ echo "hell9 all"> file1.txt
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ cat file1.txt
hell9 all
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$
```

3- change character 9 to 0 and create new file

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ sed 's/9/o/' file1.txt > file
2.txt
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ ls
file1.txt  file2.txt
```

4- delete file

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ rm file1.txt
```

5- list directories and create listing.txt file

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ ls /var > listing.txt
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ cat listing.txt
backups
cache
crash
lib
local
lock
log
mail
metrics
opt
run
snap
spool
tmp
```

6-rename listing to list_output

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ mv listing.txt list_output.
t
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ ls
file2.txt  list_output.txt
```

7-number all lines and redirect it to list_output_number

```
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ cat -n list_output.txt > list_output_number.txt
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-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
```

8- print last 5 lines of list_out put number

```
14 tmp
omarwalid@omarwalid-VirtualBox:~/Labs/Lab1/iti-0$ tail -n 5 list_output_number.txt
10 opt
11 run
12 snap
13 spool
14 tmp
```