

create directory called "iti-0"

```
weam@weam-VirtualBox:~/Desktop$ mkdir iti-0
```

create file called "file1.txt" inside iti-0 directory with content "hell9 all"

```
Try: sudo apt install <deb name>
weam@weam-VirtualBox:~/Desktop$ touch iti-0/file1.txt
weam@weam-VirtualBox:~/Desktop$ echo hell9 all >iti-0/file1.txt
weam@weam-VirtualBox:~/Desktop$ cat iti-0/file1.txt
hell9 all
```

change character "9" to "o" and redirect it to new file called "file2.txt"

```
weam@weam-VirtualBox:~/Desktop$ tr '9' '0'<iti-0/file1.txt
hell0 all
```

delete "file1.txt"

```
rm: cannot remove 'file1': No such file or directory
weam@weam-VirtualBox:~/Desktop$ rm iti-0/file1.txt
```

```
weam@weam-VirtualBox:~/Desktop$ ls iti-0/
file2.txt
```

using ls command list directories inside /var and redirect the output to iti-0/listing.txt file

```
weam@weam-VirtualBox:~/Desktop$ ls /var >iti-0/listing.txt
weam@weam-VirtualBox:~/Desktop$ ls iti-0/
file2.txt listing.txt
```

rename listing.txt file to list_output.txt

```
Try: sudo apt install <deb name>
weam@weam-VirtualBox:~/Desktop$ mv iti-0/listing.txt iti-0/list-output.txt
weam@weam-VirtualBox:~/Desktop$ ls iti-0/
file2.txt list-output.txt
```

redirect it to list_output_number.txt and number all lines in list_output_number.txt`

```
weam@weam-VirtualBox:~/Desktop$ nl iti-0/list-output.txt > iti-0/list-output-number.txt
weam@weam-VirtualBox:~/Desktop$ cat iti-0/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
```

print the last 5 lines of list_output_number.txt file

```
weam@weam-VirtualBox:~/Desktop$ tail -5 iti-0/list-output-number.txt
10 opt
11 run
12 snap
13 spool
14 tmp
```