

Lab 2

Create directory iti-0:

```
yossef@ubuntu-18:~$ cd /tmp
yossef@ubuntu-18:/tmp$ pwd
/tmp
yossef@ubuntu-18:/tmp$ mkdir iti-0
```

Create file1.txt and write "hello9 all":

```
yossef@ubuntu-18:/tmp/iti-0$ touch file1.txt
yossef@ubuntu-18:/tmp/iti-0$ echo "hell9 all" > file1.txt
yossef@ubuntu-18:/tmp/iti-0$ head --help
```

Change character 9 to o :

```
yossef@ubuntu-18:/tmp/iti-0$ cat file1.txt |tr "9" "o" > file2.txt
yossef@ubuntu-18:/tmp/iti-0$ head file2.txt
hello all
yossef@ubuntu-18:/tmp/iti-0$ rm file1.txt
yossef@ubuntu-18:/tmp/iti-0$ ls
file2.txt
```

Remove file1.txt:

```
yossef@ubuntu-18:/tmp/iti-0$ rm file1.txt
yossef@ubuntu-18:/tmp/iti-0$ ls
file2.txt
yossef@ubuntu-18:/tmp/iti-0$ touch listing.txt
```

Ls /var to iti-0/listing.txt:

```
yossef@ubuntu-18:/var$ ls > /tmp/iti-0/listing.txt
yossef@ubuntu-18:/var$ cd /tmp/iti-0
yossef@ubuntu-18:/tmp/iti-0$ ls
file2.txt  listing.txt
```

Rename listing.txt

```
yossef@ubuntu-18:/tmp/iti-0$ mv listing.txt list-output.txt
yossef@ubuntu-18:/tmp/iti-0$ ls
file2.txt  list-output.txt
yossef@ubuntu-18:/tmp/iti-0$
```

Number all lines in list-output.txt to list-output-num.txt:

```
yossef@ubuntu-18:/tmp/iti-0$ touch list-output-num.txt
yossef@ubuntu-18:/tmp/iti-0$ nl list-output.txt > list-output-num.txt
yossef@ubuntu-18:/tmp/iti-0$ ls
file2.txt  list-output-num.txt  list-output.txt
yossef@ubuntu-18:/tmp/iti-0$
```

Print last 5 lines of list-output-num:

```
yossef@ubuntu-18:/tmp/iti-0$ tail -n 5 list-output-num.txt
10  opt
11  run
12  snap
13  spool
14  tmp
```