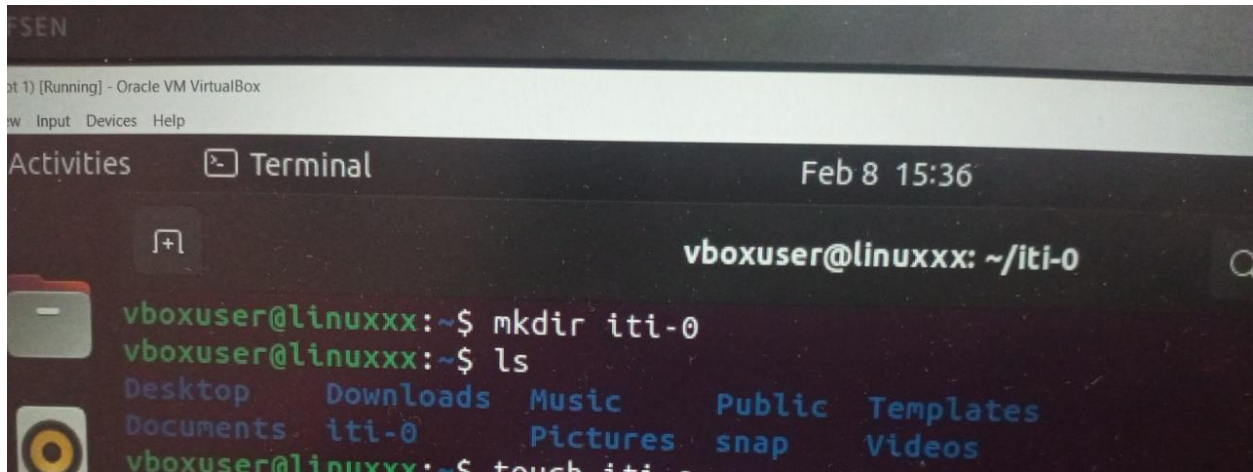


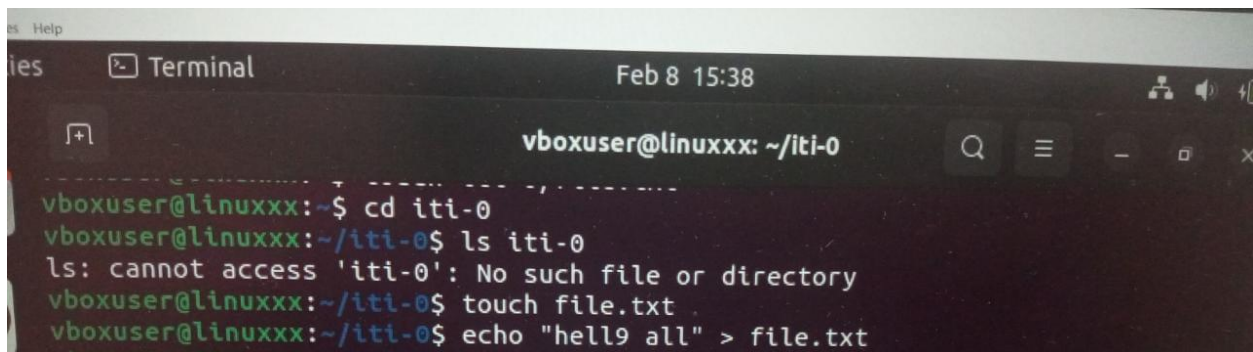
Viola George

- create directory called "iti-0"

A terminal window titled "Terminal" with a timestamp of "Feb 8 15:36". The prompt is "vboxuser@linuxxxx: ~/iti-0". The user enters "mkdir iti-0" and "ls". The output of "ls" shows a list of directories: Desktop, Downloads, Music, Public, Templates, Documents, iti-0, Pictures, snap, and Videos. The prompt then changes to "vboxuser@linuxxxx: ~/iti-0".

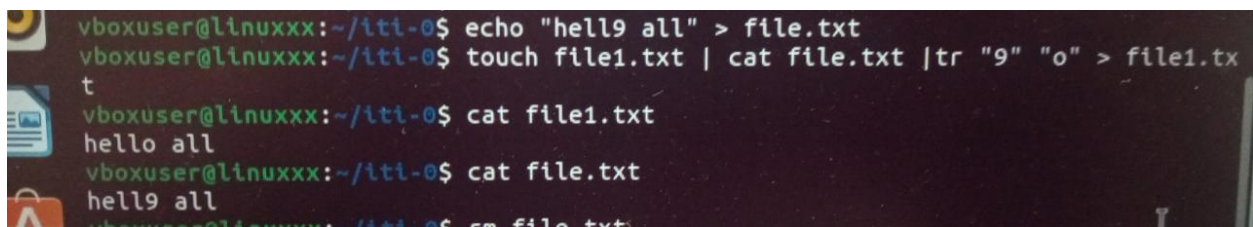
```
vboxuser@linuxxxx:~$ mkdir iti-0
vboxuser@linuxxxx:~$ ls
Desktop  Downloads  Music      Public    Templates
Documents  iti-0      Pictures   snap      Videos
vboxuser@linuxxxx:~$ touch iti-0
```

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

A terminal window titled "Terminal" with a timestamp of "Feb 8 15:38". The prompt is "vboxuser@linuxxxx: ~/iti-0". The user enters "cd iti-0", "ls iti-0", "touch file.txt", and "echo 'hell9 all' > file.txt". The output of "ls iti-0" is "ls: cannot access 'iti-0': No such file or directory". The prompt then changes to "vboxuser@linuxxxx: ~/iti-0".

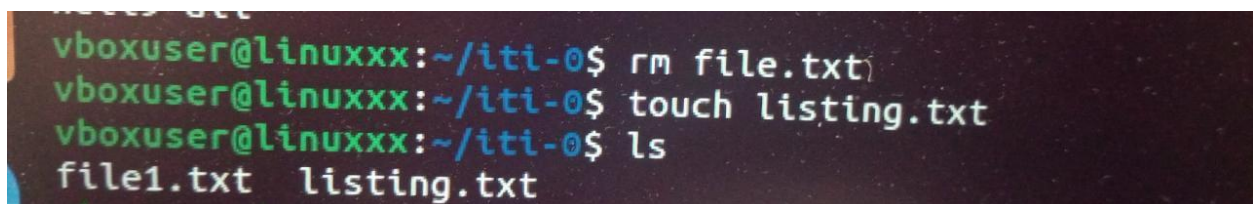
```
vboxuser@linuxxxx:~$ cd iti-0
vboxuser@linuxxxx:~/iti-0$ ls iti-0
ls: cannot access 'iti-0': No such file or directory
vboxuser@linuxxxx:~/iti-0$ touch file.txt
vboxuser@linuxxxx:~/iti-0$ echo "hell9 all" > file.txt
```

- change character "9" to "o" and redirect it to new file called "file1.txt"

A terminal window titled "Terminal" with a timestamp of "Feb 8 15:38". The prompt is "vboxuser@linuxxxx: ~/iti-0". The user enters "echo 'hell9 all' > file.txt", "touch file1.txt | cat file.txt | tr '9' 'o' > file1.txt", "cat file1.txt", and "cat file.txt". The output of "cat file1.txt" is "hello all". The prompt then changes to "vboxuser@linuxxxx: ~/iti-0".

```
vboxuser@linuxxxx:~/iti-0$ echo "hell9 all" > file.txt
vboxuser@linuxxxx:~/iti-0$ touch file1.txt | cat file.txt | tr "9" "o" > file1.txt
vboxuser@linuxxxx:~/iti-0$ cat file1.txt
hello all
vboxuser@linuxxxx:~/iti-0$ cat file.txt
hell9 all
vboxuser@linuxxxx:~/iti-0$ rm file.txt
```

- delete "file1.txt"

A terminal window titled "Terminal" with a timestamp of "Feb 8 15:38". The prompt is "vboxuser@linuxxxx: ~/iti-0". The user enters "rm file.txt", "touch listing.txt", and "ls". The output of "ls" shows "file1.txt" and "listing.txt". The prompt then changes to "vboxuser@linuxxxx: ~/iti-0".

```
vboxuser@linuxxxx:~/iti-0$ rm file.txt
vboxuser@linuxxxx:~/iti-0$ touch listing.txt
vboxuser@linuxxxx:~/iti-0$ ls
file1.txt  listing.txt
```

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

- rename listing.txt file to list_output.txt

```

vboxuser@linuxxx:~/iti-0$ rm file.txt
vboxuser@linuxxx:~/iti-0$ touch listing.txt
vboxuser@linuxxx:~/iti-0$ ls
file1.txt  listing.txt
vboxuser@linuxxx:~/iti-0$ ls/var > listing.txt
bash: ls/var: No such file or directory
vboxuser@linuxxx:~/iti-0$ ls
file1.txt  listing.txt
vboxuser@linuxxx:~/iti-0$ ls /var > listing.txt
vboxuser@linuxxx:~/iti-0$ mv listing.txt listOutput.txt
vboxuser@linuxxx:~/iti-0$ cat listOutput.txt
backups
cache
crash
lib
local
lock
log
mail
metrics
opt
run
snap
spool
tmp
vboxuser@linuxxx:~/iti-0$ touch list_output.txt

```

- number all lines in list_output.txt and redirect it to list_output_number.txt

```

vboxuser@linuxxx:~/iti-0$ cat listOutput.txt | nl list_output_number.txt
1      1 backups
2      2 cache
3      3 crash
4      4 lib
5      5 local
6      6 lock
7      7 log
8      8 mail
9      9 metrics
10     10 opt
11     11 run
12     12 snap
13     13 spool
14     14 tmp

```

- print the last 5 lines of list_output_number.txt file

```

vboxuser@linuxxx:~/iti-0$ tail -n 5 list_output_number.txt
14     14 tmp

```