Create directory:

```
ubuntu@ubuntu:~$ mkdir iti-0
ubuntu@ubuntu:~$ ls -l
total 0
drwxr-xr-x 2 ubuntu ubuntu 60 Feb  8 11:53 Desktop
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Documents
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Downloads
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Music
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Pictures
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Public
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Templates
drwxr-xr-x 2 ubuntu ubuntu 40 Feb  8 11:58 Videos
drwxrwxr-x 2 ubuntu ubuntu 40 Feb  8 12:13 iti-0
drwx------ 3 ubuntu ubuntu 60 Feb  8 12:01 snap
```

Create file:

```
ubuntu@ubuntu:~$ cd ~/iti-0
ubuntu@ubuntu:~/iti-0$ pwd
/home/ubuntu/iti-0
ubuntu@ubuntu:~/iti-0$ touch file1.txt
ubuntu@ubuntu:~/iti-0$ ls
file1.txt
ubuntu@ubuntu:~/iti-0$ 
```

Writing to file:

```
ubuntu@ubuntu:~/iti-0$ cat > file1.txt
hell9 all
ubuntu@ubuntu:~/iti-0$ cat file1.txt
hell9 all
ubuntu@ubuntu:~/iti-0$ 
```

Replace and redirect:

```
ubuntu@ubuntu:~/iti-0$ sed 's/9/o/g' file1.txt > file2.txt
ubuntu@ubuntu:~/iti-0$ cat file2.txt
hello all
ubuntu@ubuntu:~/iti-0$ 
```

Delete file: rm file1.txt

Listing directories:

```
ubuntu@ubuntu:~$ cd ~/iti-0
ubuntu@ubuntu:~/iti-0$ ls
file2.txt
ubuntu@ubuntu:~/iti-0$ ls /var >listing.txt
ubuntu@ubuntu:~/iti-0$ ls
file2.txt  listing.txt
ubuntu@ubuntu:~/iti-0$ cat listing.txt
backups
cache
crash
lib
local
lock
log
mail
metrics
opt
run
snap
spool
tmp
ubuntu@ubuntu:~/iti-0$
```

Renaming file:

```
ubuntu@ubuntu:~/iti-0$ mv listing.txt list_output.txt
ubuntu@ubuntu:~/iti-0$ ls
file2.txt  list_output.txt
ubuntu@ubuntu:~/iti-0$
```

Numbering and redirecting:

```
ubuntu@ubuntu:~/iti-0$ nl list_output.txt > list_outbout_number.txt
ubuntu@ubuntu:~/iti-0$ cat list_output_number.txt
cat: list_output_number.txt: No such file or directory
ubuntu@ubuntu:~/iti-0$ cat list_outbout_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
ubuntu@ubuntu:~/iti-0$
```

Printing last 5 lines of file:

```
ubuntu@ubuntu:~/iti-0$ sed -n '10,14p' list_outbout_number.txt
    10  opt
    11  run
    12  snap
    13  spool
    14  tmp
ubuntu@ubuntu:~/iti-0$
```