1. Install Ubunto OS using virtal machine.

Done.

2. What is the difference between cat and more command?

`cat`: print on the terminal the content of a given file (all content) then quits automatically.

`more`: print on the terminal the content of a given file, but divided in pages, such that you can read pages of the file. We use space to go to further page and b to go to upper page. When you reach the end of the file the command quits autocratically.

3. What is the difference between rm and rmdir using man?

`rm` - removes files only by default.

`rmdir` - removes empty directories by default.

4. Copy the /etc/passwd file to your home directory making its name is mypasswd.

`cp /etc/passwd /home/dina/mypasswd`

5. Rename this new file to be oldpasswd.

`mv ~/mypasswd ~/oldpasswd`

6. You are in /usr/bin, list four ways to go to your home directory

`1- cd ~/`

`2- cd /home/dina`

`3- cd ../../home/dina`

`4- cd ./../../home/dina`

7. List Linux commands in /usr/bin that start with letter w

`ls /usr/bin | grep ^w`

```
(base) dina@dina-Satellite-L50-B:~$ ls /usr/bin | grep ^w
w
wall
watch
watchgnupg
wayland-scanner
wbmptopbm
wc
wget
whatis
whereis
which
who
whoami
whoopsie
whoopsie-preferences
winicontoppm
word-list-compress
wpa_passphrase
w.procps
write
(base) dina@dina-Satellite-L50-B:~$ 
```

8. Display the first 4 lines of /etc/passwd

```
head -n4 /etc/passwd
```


9. Display the last 7 lines of /etc/passwd

```
tail -n7 /etc/passwd
```


10. Display the man pages of passwd the command and the file sequentially in one command.

```
man passwd;cat /etc/passwd
```
or
```
man passwd && cat /etc/passwd
```

11. Display the man page of the passwd file.

```
man /etc/passwd
```

12. Display a list of all the commands that contain the keyword passwd in their man page.

```
man -k passwd
```