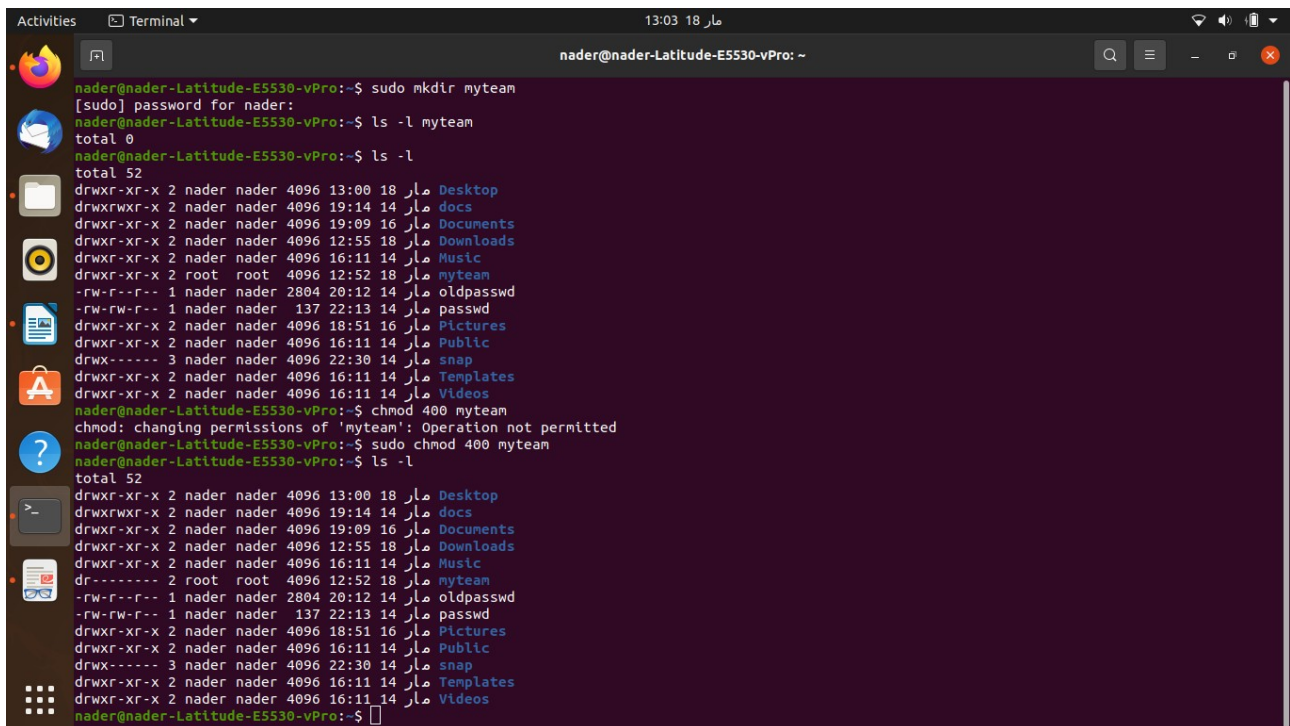13. Create a folder called myteam in your home directory and change its permissions to read only for the owner.
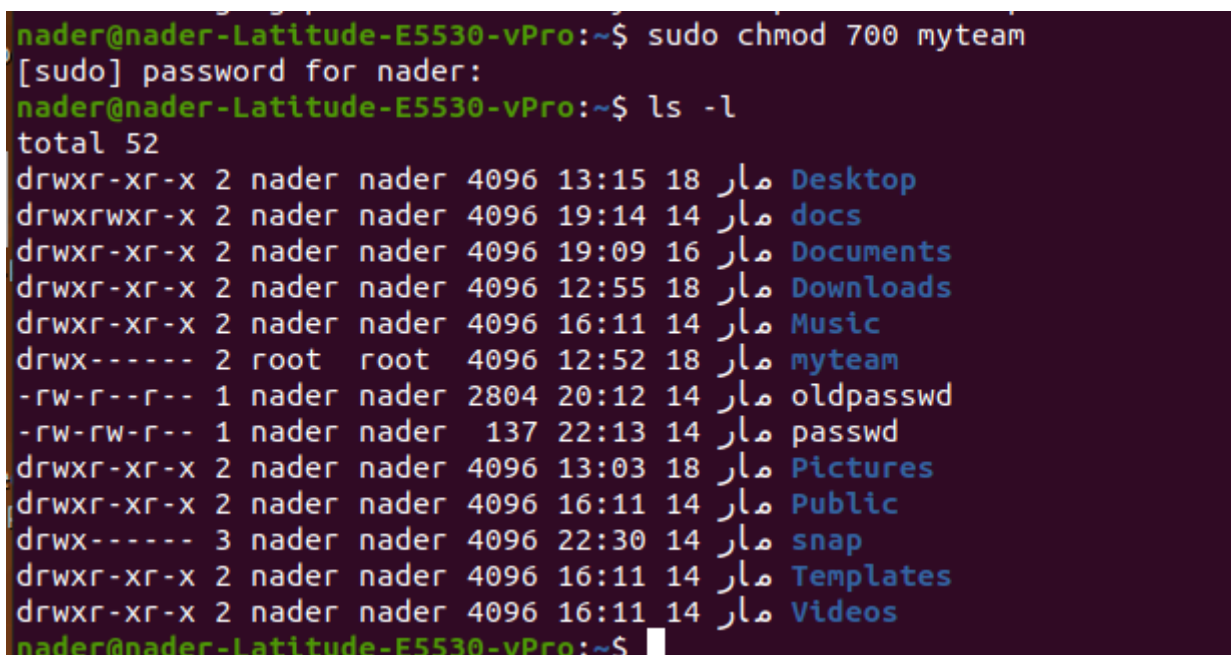

14. Log out and log in by another user

sudo pkill -u nader

then login from another user

15. Try to access (by cd command) the folder (myteam)

16. Using the command Line
    Change the permissions of oldpasswd file to give owner read and write
permissions and for group write and execute and execute only for the others
(using chmod in 2 different ways)

```
-rw-r--r-- 1 nader nader 2804 20:12 14 مارس oldpasswd
-rw-rw-r-- 1 nader nader  137 22:13 14 مارس passwd
drwxr-xr-x 2 nader nader 4096 13:03 18 مارس Pictures
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Public
drwx------ 3 nader nader 4096 22:30 14 مارس snap
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Templates
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Videos
nader@nader-Latitude-E5530-vPro:~$ sudo chmod 631 oldpasswd
nader@nader-Latitude-E5530-vPro:~$ ls -l
total 52
drwxr-xr-x 2 nader nader 4096 13:15 18 مارس Desktop
drwxrwxr-x 2 nader nader 4096 19:14 14 مارس docs
drwxr-xr-x 2 nader nader 4096 19:09 16 مارس Documents
drwxr-xr-x 2 nader nader 4096 12:55 18 مارس Downloads
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Music
drwx------ 2 root  root  4096 12:52 18 مارس myteam
-rw--wx--x 1 nader nader 2804 20:12 14 مارس oldpasswd
-rw-rw-r-- 1 nader nader  137 22:13 14 مارس passwd
drwxr-xr-x 2 nader nader 4096 13:24 18 مارس Pictures
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Public
drwx------ 3 nader nader 4096 22:30 14 مارس snap
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Templates
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Videos
nader@nader-Latitude-E5530-vPro:~$
```

Change your default permissions to be as above.

```
nader@nader-Latitude-E5530-vPro:~$ umask 146
nader@nader-Latitude-E5530-vPro:~$ mkdir dafult
nader@nader-Latitude-E5530-vPro:~$ ls -l
total 56
drw--wx--x 2 nader nader 4096 13:46 18 مارس dafult
drwxr-xr-x 2 nader nader 4096 13:31 18 مارس Desktop
drwxrwxr-x 2 nader nader 4096 19:14 14 مارس docs
drwxr-xr-x 2 nader nader 4096 19:09 16 مارس Documents
drwxr-xr-x 2 nader nader 4096 12:55 18 مارس Downloads
drwxr-xr-x 2 nader nader 4096 16:11 14 مارس Music
drwx------ 2 root  root  4096 12:52 18 مارس myteam
-rw--wx--x 1 nader nader 2804 20:12 14 مارس oldpasswd
```

What is the maximum permission a file can have
, by default when it is justcreated? And what is that for directory.

For file just RW and For directory 3 permissions RWX

Change your default permissions to be no permission to everyone then create a directory and a file to verify.
Made with

```
nader@nader-Latitude-E5530-vPro:~$ umask 777
nader@nader-Latitude-E5530-vPro:~$ mkdir dafult0
nader@nader-Latitude-E5530-vPro:~$ ls -l
total 60
drw--wx--x 2 nader nader 4096 13:46 18 مارل dafult
d--------- 2 nader nader 4096 13:54 18 مارل dafult0
```

17.
What are the minimum permission needed for:
    Copy a directory (permission for source directory and permissions for target parent directory)

target directory: X and W
source directory: X and R

    Copy a file (permission for source file and and permission for target parent directory)
source file : R--
source directory: X and R

delete a file
- W -

Change to a directory
- - X

    List a directory content (ls command)
R--

    View a file content (more/cat command)
R--

    Modify a file content

-W-

18. Create a file with permission 444. Try to edit in it and to remove it? Note what happened.

I can't edit or remove

19. What is the difference between the "x" permission for a file and for a directory?

| Execute | You can execute the file if it is an executable. You can execute a shell script if you also have read and execute permissions. | You can use the cd command to access the directory. If you also have read access, you can run the ls -l command on the directory to list contents. |