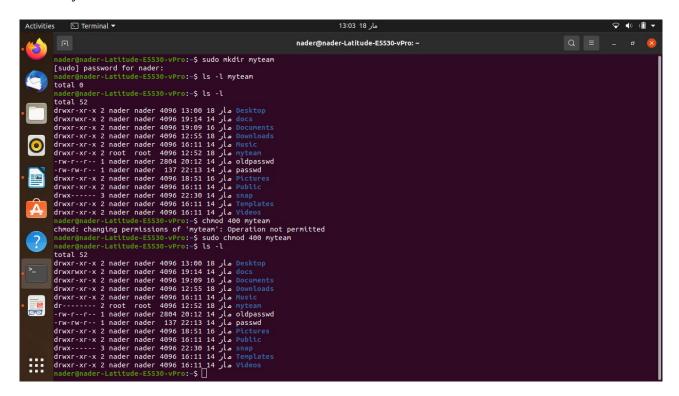
13. Create a folder called myteam in your home directory and change its permissions to read only for the owner.



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)

```
nader@nader-Latitude-E5530-vPro:~$ sudo chmod 700 myteam
[sudo] password for nader:
nader@nader-Latitude-E5530-vPro:~$ ls -l
total 52
Desktop مار Desktop مار Desktop
drwxrwxr-x 2 nader nader 4096 19:14 14 مار docs
مار Documents مار Documents مار 16:09 drwxr-xr-x
Downloads مار 18 12:55 drwxr-xr-x 2 nader nader 4096
مار Music مار Music و drwxr-xr-x 2 nader nader 4096
drwx----- 2 root
                  root
                       myteam مار 12:52 1996
oldpasswd مار 14 12:12 nader nader 2804 مار 14 19:12
-rw-rw-r-- 1 nader nader
                        passwd مار 14 22:13 137
Pictures مار 18:03 Pictures مار Pictures
orwxr-xr-x 2 nader nader 4096 16:11 14 مار Public
snap مار 14 22:30 drwx----- 3 nader nader 4096
Templates مار 14 11:11 drwxr-xr-x 2 nader nader 4096
Videos مار Videos 16:11 14 مار Videos
nader@nader-Latitude-E5530-vPro:~$
```

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)

```
oldpasswd مار 14 20:12 14 oldpasswd
passwd مار 137 22:13 nader nader مار 14 13:23 rw-rw-r
Pictures مارّ 18:03 Pictures مارّ 18:03 Pictures
Public مار 14 16:11 Public مار 14 16:11 Public
snap مار 14 22:30 14 1096 22:30 مار 14 1008 1096
arwxr-xr-x 2 nader nader 4096 16:11 14 مار Templates
Videos مار 14 11:11 drwxr-xr-x 2 nader nader 4096
nader@nader-Latitude-E5530-vPro:~$ sudo chmod 631 oldpasswd
nader@nader-Latitude-E5530-vPro:~$ ls -l
total 52
Desktop مار 18:15 18 13:4c drwxr-xr-x
docs مار 14 14:14 docs
مار Documents مار Documents مار Documents
Downloads مار Downloads 12:55 مار Downloads
Music مار 14 11:11 drwxr-xr-x 2 nader nader 4096
myteam مار 81 12:52 18 190t root 4096 مار 8
oldpasswd مار 14 12:12 rw--wx--x 1 nader nader 2804 مار
passwd مار 137 22:13 nader nader مار 14 137 23:13
Pictures مار 18:24 Pictures مار 18:24 drwxr-xr-x
Public مار 14 16:11 14 Public مار 14 16:11 4096
snap مارً 14 22:30 drwx----- 3 nader nader 4096
arwxr-xr-x 2 nader nader 4096 16:11 14 مار Templates
videos مار 14 11:11 drwxr-xr-x 2 nader nader 4096
    Anador I atitudo E5530 vpro · · C
```

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 مار Desktop
drwxr-xr-x 2 nader nader 4096 13:31 18 مار Desktop
drwxrwxr-x 2 nader nader 4096 19:14 14 مار Documents
drwxr-xr-x 2 nader nader 4096 19:09 16 مار Downloads
drwxr-xr-x 2 nader nader 4096 12:55 18 مار Music
drwxr-xr-x 2 nader nader 4096 16:11 14 مار Music
drwx----- 2 root root 4096 12:52 18 مار 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 مار dafult
d------- 2 nader nader 4096 13:54 18
```

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



List a directory content (ls command)



View a file content (more/cat command)



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.