

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

```
abrar@abrar-Inspiron-N4050:~$ mkdir abrar
abrar@abrar-Inspiron-N4050:~$ mkdir myteam
abrar@abrar-Inspiron-N4050:~$ chmod 400 myteam
abrar@abrar-Inspiron-N4050:~$
```

14)Log out and log in by another user

```
abrar@abrar-Inspiron-N4050:~$ su abrar
Password:
```

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

```
abrar@abrar-Inspiron-N4050:~$ cd myteam
bash: cd: myteam: Permission denied
abrar@abrar-Inspiron-N4050:~$
```

16.1) 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

```
abrar@abrar-Inspiron-N4050:~$ chmod 361 oldpasswd
abrar@abrar-Inspiron-N4050:~$ ls -l oldpasswd
--wxrw--x 1 abrar abrar 0 15:14 18 مار oldpasswd
abrar@abrar-Inspiron-N4050:~$
```

16.2)Change your default permissions to be as above.

```
abrar@abrar-Inspiron-N4050:~$ umask 164
abrar@abrar-Inspiron-N4050:~$
```

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

1-dir

- owner(r,w,x)
- group (r,-,x)
- other (r,-,-)

2- file:

- owner(r,w,-)
- group (r,-,-)
- other (r,-,-)

16.4) Change your default permissions to be no permission to everyone then create a directory and a file to verify

```

abrar@abrar-Inspiron-N4050:~$ umask 000
abrar@abrar-Inspiron-N4050:~$ mkdir dires
abrar@abrar-Inspiron-N4050:~$ touch files
abrar@abrar-Inspiron-N4050:~$ ls
abrar Desktop dires Documents Downloads files Music myteam oldpasswd Pictures Public snap Templates Videos
abrar@abrar-Inspiron-N4050:~$

```

17.1)Copy a directory (permission for source directory and permissions for target parent directory)

- source directory: write and execute

17.2)Copy a file

-source file: read

-target parent directory : execute and write .

17.3)Delete a file

- Write and execute

17.4)Change to a directory

-execute

17.5)List a directory content (ls command)

-Read

17.5)View a file content (more/cat command)

-Read

17.6)Modify a file content

-write

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

```

abrar@abrar-Inspiron-N4050:~$ touch abrarnew
abrar@abrar-Inspiron-N4050:~$ chmod 444 abrarnew
abrar@abrar-Inspiron-N4050:~$ rm -i abrarnew
rm: remove write-protected regular empty file 'abrarnew'?

```

19)What is the difference between the “x” permission for a file and for a directory?

1- execute in file: owner and groups and other can execute file.

2-execute in dir: owner and groups and other can enter and access the dir and change the content.