Section 1:

1) Creating myTeam Folder in home directory & changing its permission to read only by user

- 2) Logging out and logging in by another user
- 3) Trying to access the created myTeam folder using cd command

```
as_new@as-pc: \frac{\text{preminal}}{\text{preminal}}

abdallah@as-pc:-\frac{\text{preminal}}{\text{preminal}}

abdallah@as-pc:-\frac{\text{preminal}}{\text{preminal}}

abdallah@as-pc:-\frac{\text{preminal}}{\text{preminal}}

abdallah@as-pc:-\frac{\text{preminal}}{\text{preminal}}

[sudo] password for abdallah:
Adding new group 'as_new' (1002) ...
Adding new user 'as_new' (1002) ...
Adding new user 'as_new' (1001) with group 'as_new' ...

copying files from '/etc/skel' ...

New password:

BAD PASSWORD: The password is shorter than 8 characters

Retype new password:

BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic

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Retype new password:

BAD PASSWORD: The password:

BAD PASSW
```

4) a. changing oldpasswd file permissions.

```
Terminal

abdallah@as-pc:~

abdallah@as-pc:~

abdallah@as-pc:~

soldpasswd

abdallah@as-pc:~

tow--wx--x 1 abdallah abdallah 0 Jan abdallah@as-pc:~

abdallah@as-pc:~

soldpasswd

abdall
```

b. changing the default permission to be as above

```
abdallah@as-pc:~$ uma
umask umax_pp
abdallah@as-pc:~$ umask 146
abdallah@as-pc:~$ touch def_file
abdallah@as-pc:~$ ls lh def_file
ls: cannot access 'lh': No such file or directory
def_file
abdallah@as-pc:~$ ls -lh def_file
-rw--w---- 1 abdallah abdallah 0 Jan 3 03:24 def_file
abdallah@as-pc:~$
```

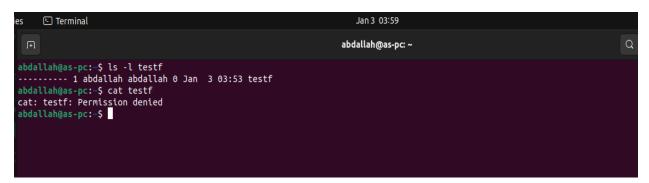
c. Maximum permissions by default:

- Files: 666 (read and write for all)
- Directories: 777 (read, write, execute for all)
- d. Changing my permission to have no permission & creating a file

```
    Terminal

                                                                                 Jan 3 03:55
                                                                             abdallah@as-pc: ~
abdallah@as-pc:~$ umask 777
abdallah@as-pc:~$ mkdir testd
abdallah@as-pc:~$ touch testf
abdallah@as-pc:~$ ls -ld testdir testfile
ls: cannot access 'testdir': No such file or directory
ls: cannot access 'testfile': No such file or directory
abdallah@as-pc:~$ ls -lh testfile
ls: cannot access 'testfile': No such file or directory
abdallah@as-pc:~$ ls
                                                                                                                                           testf
def_file Documents EmbeddedLinux Music
abdallah@as-pc:~$ ls -ld testd testf
d----- 2 abdallah abdallah 4096 Jan 3 03:53 testd
------ 1 abdallah abdallah 0 Jan 3 03:53 testf
abdallah@as-pc:~$
```

e. Stating who can access this file: it can't be accessed or removed without changing the permission



5) Changing a file permission to 444 & trying to edit or remove it: it can't be accessed or removed without changing the permission

- 6) Difference between "x" permission for a file & directory
- File: Allows execution (if it's a script or program).
- Directory: Allows traversal (you can enter the directory).