

Lab2

1,2,3,4,5,6,7,8)

```
ubuntu@ubuntu:~$ sudo useradd -m -c "Islam Askar" islam
useradd: user 'islam' already exists
ubuntu@ubuntu:~$ sudo useradd -m -c "Bad User" baduser
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$ sudo groupadd -g 30000 pgroup
groupadd: group 'pgroup' already exists
ubuntu@ubuntu:~$ sudo groupadd badgroup
ubuntu@ubuntu:~$ sudo usermod -aGpgroup islam
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$ groups islam
islam : islam pgroup
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$ sudo passwd islam
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: password updated successfully
ubuntu@ubuntu:~$ sudo chage -m 30 islam
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$ sudo usermod -L baduser
ubuntu@ubuntu:~$
```

9,10,11,12,13)

```
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$ sudo userdel -r baduser  
userdel: baduser mail spool (/var/mail/baduser) not found  
ubuntu@ubuntu:~$ sudo usermod -U baduser  
usermod: user 'baduser' does not exist  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$ sudo groupadd badgroup  
groupadd: group 'badgroup' already exists  
ubuntu@ubuntu:~$ grep badgroup /etc/group  
badgroup:x:55002:  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$ mkdir ~/myteam  
mkdir: cannot create directory '/home/ubuntu/myteam': File exists  
ubuntu@ubuntu:~$ chmod 500 ~/myteam  
ubuntu@ubuntu:~$ mkdir ~/myteam  
mkdir: cannot create directory '/home/ubuntu/myteam': File exists  
ubuntu@ubuntu:~$
```

14)

```
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$ su - islam  
Password:  
$ cd ~/myteam  
-sh: 1: cd: can't cd to /home/islam/myteam  
$
```

15)

```
ubuntu@ubuntu:~$ cd /home/islam/myteam  
bash: cd: /home/islam/myteam: Permission denied  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$
```

16)

```
ubuntu@ubuntu:~$ touch oldpasswd
ubuntu@ubuntu:~$ chmod 666 oldpasswd
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$
```

```
ubuntu@ubuntu:~$
ubuntu@ubuntu:~$ umask 666
ubuntu@ubuntu:~$ mkdir directory
ubuntu@ubuntu:~$ touch directory
ubuntu@ubuntu:~$ ls -l
total 0
drwxr-xr-x 2 ubuntu ubuntu 60 Mar 20 10:16 Desktop
d--x--x--x 2 ubuntu ubuntu 40 Mar 21 00:21 directory
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Documents
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Downloads
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Music
dr-x----- 2 ubuntu ubuntu 40 Mar 20 23:53 myteam
-rw-rw-rw- 1 ubuntu ubuntu 0 Mar 21 00:14 oldpasswd
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Pictures
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Public
drwx----- 5 ubuntu ubuntu 100 Mar 20 12:00 snap
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Templates
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Videos
drwxr-xr-x 2 root root 40 Mar 20 10:55 x
```

```
ubuntu@ubuntu:~$ umask 011
ubuntu@ubuntu:~$ touch file1
ubuntu@ubuntu:~$ mkdir filedir
ubuntu@ubuntu:~$ ls -l
total 0
drwxr-xr-x 2 ubuntu ubuntu 60 Mar 20 10:16 Desktop
d--x--x--x 2 ubuntu ubuntu 40 Mar 21 00:21 directory
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Documents
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Downloads
-rw-rw-rw- 1 ubuntu ubuntu 0 Mar 21 00:23 file1
drwxrw-rw- 2 ubuntu ubuntu 40 Mar 21 00:24 filedir
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Music
dr-x----- 2 ubuntu ubuntu 40 Mar 20 23:53 myteam
-rw-rw-rw- 1 ubuntu ubuntu 0 Mar 21 00:14 oldpasswd
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Pictures
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Public
drwx----- 5 ubuntu ubuntu 100 Mar 20 12:00 snap
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Templates
drwxr-xr-x 2 ubuntu ubuntu 40 Mar 20 10:19 Videos
drwxr-xr-x 2 root root 40 Mar 20 10:55 x
drwxrwxr-x 2 ubuntu ubuntu 40 Mar 20 12:34 x1
ubuntu@ubuntu:~$
```

17)

Copy a directory

1. Source directory: r and x
2. Target parent directory: w and x

Copy a file

1. Source file: r
2. Target parent directory: w and x

Delete file

1. X and w

Change to a dir

- 1.X(execute)

List dir= r

View file= r

Mod file= x

18)

```
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$  
ubuntu@ubuntu:~$ chmod 444 aaa  
chmod: cannot access 'aaa': No such file or directory  
ubuntu@ubuntu:~$ touch aaa  
ubuntu@ubuntu:~$ chmod aaa  
chmod: missing operand after 'aaa'  
Try 'chmod --help' for more information.  
ubuntu@ubuntu:~$ chmod 444 aaa  
ubuntu@ubuntu:~$ rm aaa  
rm: remove write-protected regular empty file 'aaa'?  
ubuntu@ubuntu:~$
```