

OUTPUTS(User and group management)

```
ubuntu@ubuntu:~$ cd Desktop
ubuntu@ubuntu:~/Desktop$ mkdir permission
ubuntu@ubuntu:~/Desktop$ ls
permission  ubuntu-desktop-bootstrap_ubuntu-desktop-bootstrap.desktop
ubuntu@ubuntu:~/Desktop$ cd permission
ubuntu@ubuntu:~/Desktop/permission$ ls
ubuntu@ubuntu:~/Desktop/permission$ touch new.txt report.txt student.txt
ubuntu@ubuntu:~/Desktop/permission$ ls
new.txt  report.txt  student.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-rw-rw-r-- 1 ubuntu ubuntu 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu ubuntu 0 Sep 15 06:55 student.txt
ubuntu@ubuntu:~/Desktop/permission$ sudo chown vanshika new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-rw-rw-r-- 1 vanshika ubuntu 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu   ubuntu 0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu   ubuntu 0 Sep 15 06:55 student.txt
```

```
ubuntu@ubuntu:~/Desktop/permission$ sudo useradd vanshika
ubuntu@ubuntu:~/Desktop/permission$ sudo userdel vanshika
ubuntu@ubuntu:~/Desktop/permission$ cat /etc/passwd
root:x:0:0:root:/root:/bin/bash
daemon:x:1:1:daemon:/usr/sbin:/usr/sbin/nologin
bin:x:2:2:bin:/bin:/usr/sbin/nologin
sys:x:3:3:sys:/dev:/usr/sbin/nologin
sync:x:4:65534:sync:/bin:/bin/sync
games:x:5:60:games:/usr/games:/usr/sbin/nologin
man:x:6:12:man:/var/cache/man:/usr/sbin/nologin
lp:x:7:7:lp:/var/spool/lpd:/usr/sbin/nologin
mail:x:8:8:mail:/var/mail:/usr/sbin/nologin
news:x:9:9:news:/var/spool/news:/usr/sbin/nologin
uucp:x:10:10:uucp:/var/spool/uucp:/usr/sbin/nologin
proxy:x:13:13:proxy:/bin:/usr/sbin/nologin
```

```
installer:x:1001:
vanshika:x:1002:
bca:x:1003:
ubuntu@ubuntu:~/Desktop/permission$ sudo groupdel bca
ubuntu@ubuntu:~/Desktop/permission$ cat /etc/group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:syslog,ubuntu,installer
```



```
ubuntu@ubuntu:~/Desktop/permission$ sudo chgrp vanshika new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-rw-rw-r-- 1 vanshika vanshika 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 student.txt
ubuntu@ubuntu:~/Desktop/permission$ sudo chmod u+rwx new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-rwxrw-r-- 1 vanshika vanshika 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 student.txt
ubuntu@ubuntu:~/Desktop/permission$ sudo chmod u-xw new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
```

```
ubuntu@ubuntu:~/Desktop/permission$ sudo chmod u-xw new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-r--rw-r-- 1 vanshika vanshika 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 student.txt
ubuntu@ubuntu:~/Desktop/permission$ sudo chmod g+xw new.txt
ubuntu@ubuntu:~/Desktop/permission$ ls -l
total 0
-r--rwxr-- 1 vanshika vanshika 0 Sep 15 06:55 new.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 report.txt
-rw-rw-r-- 1 ubuntu   ubuntu   0 Sep 15 06:55 student.txt
ubuntu@ubuntu:~/Desktop/permission$
```