```
> sudo su
root@DESKTOP-OUP6HIH:/home/migueljrm95#
```

root@DESKTOP-OUP6HIH:/home/migueljrm95# groupadd daw && groupadd crey

2

root@DESKTOP-OUP6HIH:/home/migueljrm95# groupmod -g 2001 daw && groupmod -g 2002 crey

3

root@DESKTOP-OUP6HIH:/home/migueljrm95# groupadd -g 2000 profesores

root@DESKTOP-OUP6HIH:/home/migueljrm95# groupmod -n teachers profesores root@DESKTOP-OUP6HIH:/home/migueljrm95# cat /etc/group

4

root@DESKTOP-OUP6HIH:/home/migueljrm95# cat /etc/group

```
migueljrm95:x:1000:
  daw:x:2001:
  crey:x:2002:
  teachers:x:2000:
  root@DESKTOP-OUP6HIH:/home/migueljrm95#
```

5

root@DESKTOP-OUP6HIH:/home/migueljrm95# useradd -g 2002 john

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# getent passwd | grep john
john:x:1001:2002::/home/john:/bin/sh
```

It seems that the system don't create a home directory, so if you try to switch to that user you will get an error message saying that there is not a home folder assign to that user and the action will be denied.

root@DESKTOP-OUP6HIH:/home/migueljrm95# useradd -g 2002 -m john

```
$ pwd
/home/john
```

6

root@DESKTOP-OUP6HIH:/home# useradd -g 2001 -m mary

root@DESKTOP-OUP6HIH:/home# useradd -g 2000 -G 2002 -m martha

8

root@DESKTOP-OUP6HIH:/home# usermod -c "John Doe" john; usermod -c "Mary Williams" mary; usermod -c "Martha Jones" martha

9

root@DESKTOP-OUP6HIH:/home# groups mary; groups john; groups martha
mary : daw

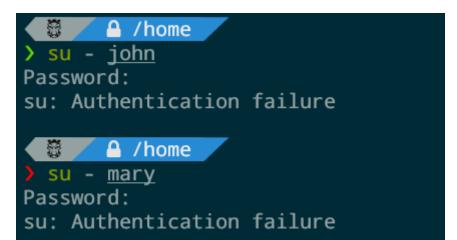
john : crey

martha : teachers crey

10

root@DESKTOP-OUP6HIH:/home# id martha
uid=1002(martha) gid=2000(teachers) groups=2000(teachers),2002(crey)

11



12

root@DESKTOP-OUP6HIH:/home# passwd martha
New password:
Retype new password:
passwd: password updated successfully

13

root@DESKTOP-OUP6HIH:/home# groups martha
martha : teachers crey

14

root@DESKTOP-OUP6HIH: /home# usermod -d "/home/teachers" martha



16

```
$ su - migueljrm95
Password:

$ sudo su
root@DESKTOP-OUP6HIH:/home/migueljrm95#
```

17

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# usermod -s "bin/sh" john
```

18

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# usermod -a martha -G 2001
root@DESKTOP-OUP6HIH:/home/migueljrm95# groups martha
martha : teachers daw crey
```

19

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# groups john; groups mary; groups martha
john : crey
mary : daw
martha : teachers daw crey
```

20

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# groupdel teachers; groupdel daw; groupdel crey
groupdel: cannot remove the primary group of user 'martha'
groupdel: cannot remove the primary group of user 'mary'
groupdel: cannot remove the primary group of user 'john'
```

It's not possible to delete the groups because are secondary group of some users.

21

```
root@DESKTOP-OUP6HIH:/home/migueljrm95# userdel -fr john; userdel -fr mary; userdel -fr martha
```

22

root@DESKTOP-OUP6HIH:/home/migueljrm95# groupdel teachers; groupdel daw; groupdel crey