

1º Add two new groups named “daw” and “crey”

```
root@zoe-VirtualBox: /home/zoe
zoe@zoe-VirtualBox:~$ sudo su
[sudo] password for zoe:
root@zoe-VirtualBox:/home/zoe# groupadd daw
root@zoe-VirtualBox:/home/zoe# groupadd crey
root@zoe-VirtualBox:/home/zoe#
```

For add new groups we need the command groupadd “new group name”

2º Change “daw” and “crey” GIDS to 2001 and 2002, respectively.

Frist I loow what was the id of the groups and then for change their i use the command groupmod -g “the new id” “group name”

```
sambashare:x:132:zoe
systemd-coredump:x:999:
daw:x:1001:
crey:x:1002:

root@zoe-VirtualBox:/home/zoe# groupmod -g 2001 daw
root@zoe-VirtualBox:/home/zoe# groupmod -g 2002 crey
root@zoe-VirtualBox:/home/zoe#

zoe:x:1000:
sambashare:x:132:zoe
systemd-coredump:x:999:
daw:x:2001:
crey:x:2002:
root@zoe-VirtualBox:/home/zoe#
```

3º Create a new group called “profesores” with GID of 2000. Then, modify the group name to teachers

For create a group with a specify id we need to use the command groupadd -g “id” “group name” and for change the name we need to use groupmod -n “new name group” “group name”

```
daw:x:2001:
crey:x:2002:
root@zoe-VirtualBox:/home/zoe# groupadd -g 2000 profesores
root@zoe-VirtualBox:/home/zoe#

groupadd: group 'profesores' already exists

root@zoe-VirtualBox:/home/zoe# groupmod -n teachers profesores
root@zoe-VirtualBox:/home/zoe#
```

4° Verify that you have correctly created the groups named “daw”, “crey” and “teachers”

for see the comans and the id together i look it with the command cat /etc/group

```
daw:x:2001:
crey:x:2002:
teachers:x:2000:
root@zoe-VirtualBox:/home/zoe#
```

5° Add a new user named “john” whose primary group is “crey”. Has the home directory been created with the default command?

The home directory has been created by default you don't need a command

```
root@zoe-VirtualBox:/home/zoe# useradd -g 2002 john
root@zoe-VirtualBox:/home/zoe#
```

6° Add a new user named “mary”, whose primary group is “daw” and the home directory /home/mary

```
root@zoe-VirtualBox:/home/zoe# useradd -g 2001 -d /home/mary mary
root@zoe-VirtualBox:/home/zoe#
```

7° Add a new user named “martha”, whose primary group is “teachers”, the home directory /home/martha and belonging to the secondary group “crey”

```
root@zoe-VirtualBox:/home/zoe# useradd -g 2000 -G 2002 -d /home/martha martha
root@zoe-VirtualBox:/home/zoe# cat etc/passwd
```

8. Add the following names to the users that you have just created: a. John= “John Doe” b. Mary = “Mary Williams” c. Martha = “Martha Jones”

```
root@zoe-VirtualBox:/home/zoe# usermod -c "John Doe" john
root@zoe-VirtualBox:/home/zoe# usermod -c "Mary Williams" mary
root@zoe-VirtualBox:/home/zoe# usermod -c "Martha Jones" martha
root@zoe-VirtualBox:/home/zoe#
```

9. How could you check that you have created all the users with the right primary groups?

```
zoe:x:1000:1000:zoe,,,:/home/zoe:/bin/bash
systemd-coredump:x:999:999:systemd Core Dumper:/:usr/sbin/nologin
john:x:1001:2002:John Doe:/home/john:/bin/sh
mary:x:1002:2001:Mary Williams:/home/mary:/bin/sh
martha:x:1003:2000:Martha Jones:/home/martha:/bin/sh
mysql:x:126:133:MySQL Server,,,:/nonexistent:/bin/false
root@zoe-VirtualBox:/home/zoe#
```

10. Verify if crey group has martha as a member

I change the secondary group of martha because she stay at daw like a secondary group

```
systemd-coredump:x:999:
daw:x:2001:
crey:x:2002:martha
teachers:x:2000:
mysql:x:133:
```

```
mysql:x:133:
root@zoe-VirtualBox:/home/zoe# grep martha /etc/passwd
martha:x:1003:2000:Martha Jones:/home/martha:/bin/sh
root@zoe-VirtualBox:/home/zoe# usermod -G daw -a martha
root@zoe-VirtualBox:/home/zoe# grep martha /etc/group
daw:x:2001:martha
crey:x:2002:martha
root@zoe-VirtualBox:/home/zoe#
```

print : id username group user name