

Trabajo Práctico 9 - Sistemas Operativos

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1.

```
mkdir ./dir1
chmod 700 ./dir1

touch ./dir1/file1
chmod 666 ./dir1/file1

touch ./dir1/file2
chmod 644 ./dir1/file2

mkdir ./dir2
chmod 750 ./dir2

touch ./dir2/file1
chmod 660 ./dir2/file1

touch ./dir2/file2
chmod 640 ./dir2/file2
```

```
maxilr@MAXIMO-PC:~$ chmod 700 ./dir1
```

```
touch ./dir1/file1
chmod 666 ./dir1/file1
```

```
touch ./dir1/file2
chmod 644 ./dir1/file2
```

```
mkdir ./dir2
chmod 750 ./dir2
```

```
touch ./dir2/file1
chmod 660 ./dir2/file1
```

```
touch ./dir2/file2
chmod 640 ./dir2/file2
```

```
maxilr@MAXIMO-PC:~$ tree dir1/
```

```
dir1/
├─ file1
└─ file2
```

```
0 directories, 2 files
```

2.

```
sudo su
```

```
maxilr@MAXIMO-PC:~$ sudo su
root@MAXIMO-PC:/home/maxilr# |
```

3.

```
mkdir ./test  
chmod 775 ./test
```

```
root@MAXIMO-PC:/home/maxilr# mkdir ./test  
root@MAXIMO-PC:/home/maxilr# chmod 775 ./test
```

4.

```
chown jd:students ./test
```

```
root@MAXIMO-PC:/home/maxilr# chown jd:students ./test
```

5.

```
mkdir ./test2  
chmod 1777 ./test2
```

```
maxilr@MAXIMO-PC:~$ mkdir ./test2
```

```
maxilr@MAXIMO-PC:~$ chmod 1777 ./test2
```

6.

```
sudo useradd -c "Usuario de prueba" -G students alfa
```

```
maxilr@MAXIMO-PC:~$ sudo useradd -c "Usuario de prueba" -G students alfa
```

7.

```
getent passwd alfa
```

```
maxilr@MAXIMO-PC:~$ getent passwd alfa  
alfa:x:1112:1112:Usuario de prueba:/home/alfa:/bin/sh
```

8.

```
sudo usermod -L alfa
```

```
maxilr@MAXIMO-PC:~$ sudo usermod -L alfa  
maxilr@MAXIMO-PC:~$ su - alfa  
Password:  
su: Authentication failure  
maxilr@MAXIMO-PC:~$ su alfa  
Password:  
su: Authentication failure
```

9.

```
sudo usermod -U alfa
```

```
maxilr@MAXIMO-PC:~$ sudo usermod -U alfa
maxilr@MAXIMO-PC:~$ su - alfa
Password:
su: warning: cannot change directory to /home/alfa: No such file or directory
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 5.15.133.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

 * Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s
   just raised the bar for easy, resilient and secure K8s cluster deployment.

   https://ubuntu.com/engage/secure-kubernetes-at-the-edge

This message is shown once a day. To disable it please create the
/home/alfa/.hushlogin file.
touch: cannot touch '/home/alfa/.motd_shown': No such file or directory
$ |
```

10.

```
sudo userdel alfa
```

```
maxilr@MAXIMO-PC:~$ sudo userdel alfa
maxilr@MAXIMO-PC:~$ getent passwd alfa
maxilr@MAXIMO-PC:~$ |
```

```
maxilr@MAXIMO-PC:~$ su alfa
su: user alfa does not exist or the user entry does not contain all the required fields
```

11.

```
echo "Bzrp Music Sessions, Vol. 36, Bizarrap y L-Gante\nAdemás de Mí,
Rusherking, Tiago PZK, KHEA, Duki, María Becerra\nMamichula, Trueno y Nicki
Nicole\nElla Es una G, KHEA\nColocao, Nicki Nicole" > music.txt
sudo chown jd:students music.txt
```

```
maxilr@MAXIMO-PC:~$ echo "Bzrp Music Sessions, Vol. 36, Bizarrap y L-Gante\nAdemás de Mí, Rusherking,
Tiago PZK, KHEA, Duki, María Becerra\nMamichula, Trueno y Nicki Nicole\nElla Es una G, KHEA\nColocao,
Nicki Nicole" > music.txt
maxilr@MAXIMO-PC:~$ cat music.txt
Bzrp Music Sessions, Vol. 36, Bizarrap y L-Gante\nAdemás de Mí, Rusherking, Tiago PZK, KHEA, Duki, Mar
ía Becerra\nMamichula, Trueno y Nicki Nicole\nElla Es una G, KHEA\nColocao, Nicki Nicole
maxilr@MAXIMO-PC:~$ sudo chown jd:students music.txt
```

12.

```
mkdir work
umask 022
```

```
maxilr@MAXIMO-PC:~$ mkdir work
maxilr@MAXIMO-PC:~$ umask 022
```

13.

```
mkdir dira dirb dirc dird
```

```
mkdir dira dirb dirc dird
```

```
maxilr@MAXIMO-PC:~/work$ ls
```

```
dira dirb dirc dird
```

```
ls -l
```

```
maxilr@MAXIMO-PC:~/work$ ls -l
```

```
total 16
```

```
drwxr-xr-x 2 maxilr maxilr 4096 Apr  7 19:21 dira
```

```
drwxr-xr-x 2 maxilr maxilr 4096 Apr  7 19:21 dirb
```

```
drwxr-xr-x 2 maxilr maxilr 4096 Apr  7 19:21 dirc
```

```
drwxr-xr-x 2 maxilr maxilr 4096 Apr  7 19:21 dird
```