22. Add your user to the secondary group "newgroup". Try to open the file "lucy" now. Is it possible? It is not possible to open the file.

```
root@ignacio-VirtualBox:/home/ignacio# usermod -a -G newgroup ignacio
root@ignacio-VirtualBox:/home/ignacio# cat lucy
```

23. Change permissions of "lucy" so that everybody can read. We change the ownership.

```
root@ignacio-VirtualBox:/home/ignacio# chown ignacio lucy
```

24. Do exercise 13 again, but this time granting permissions to the folder "systems" including files and subfolders

```
root@ignacio-VirtualBox:/home/ignacio# chmod -R 744 systems
root@ignacio-VirtualBox:/home/ignacio# chmod -R u=rwx,go=r systems
```

25. Change the group owner of "systems" to "root" including files and subfolders.

```
root@ignacio-VirtualBox:/home/ignacio# chgrp -R root systems
root@ignacio-VirtualBox:/home/ignacio#
```

```
ignacio@ignacio-VirtualBox:~$ ls -l systems
total 4
-rwxr--r-- 1 root    root  0 ene 25 19:01 charles
-rwxr--r-- 1 root    root  0 ene 25 19:07 lucy
-rwxr--r-- 1 ignacio root 32 ene 25 18:47 script1.sh
ignacio@ignacio-VirtualBox:~$
```