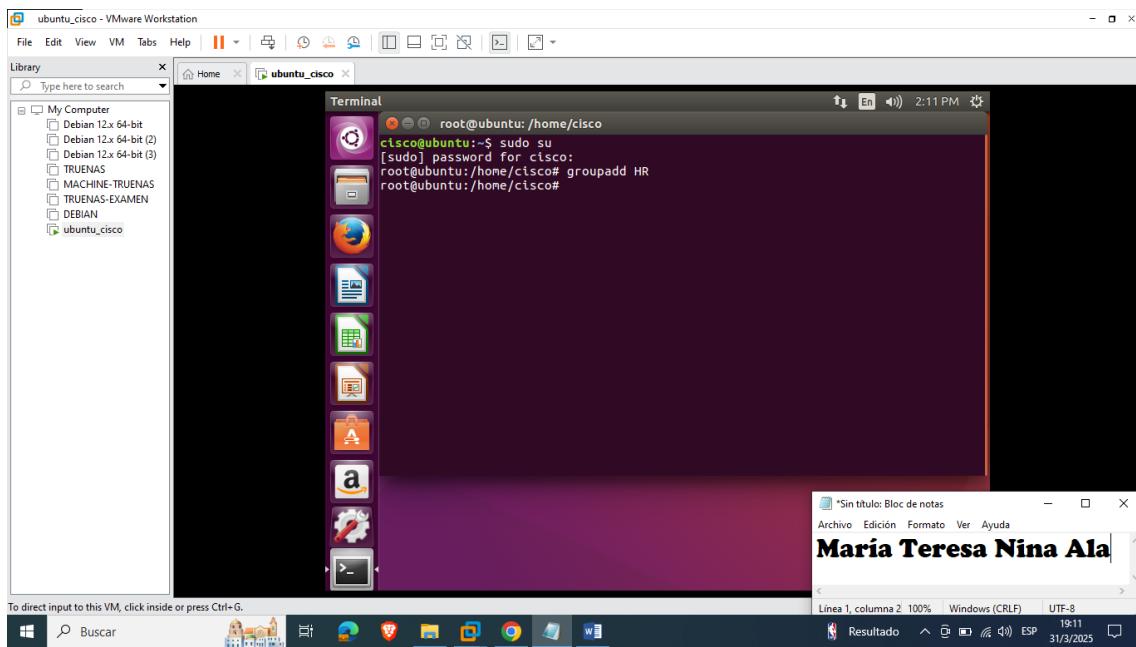
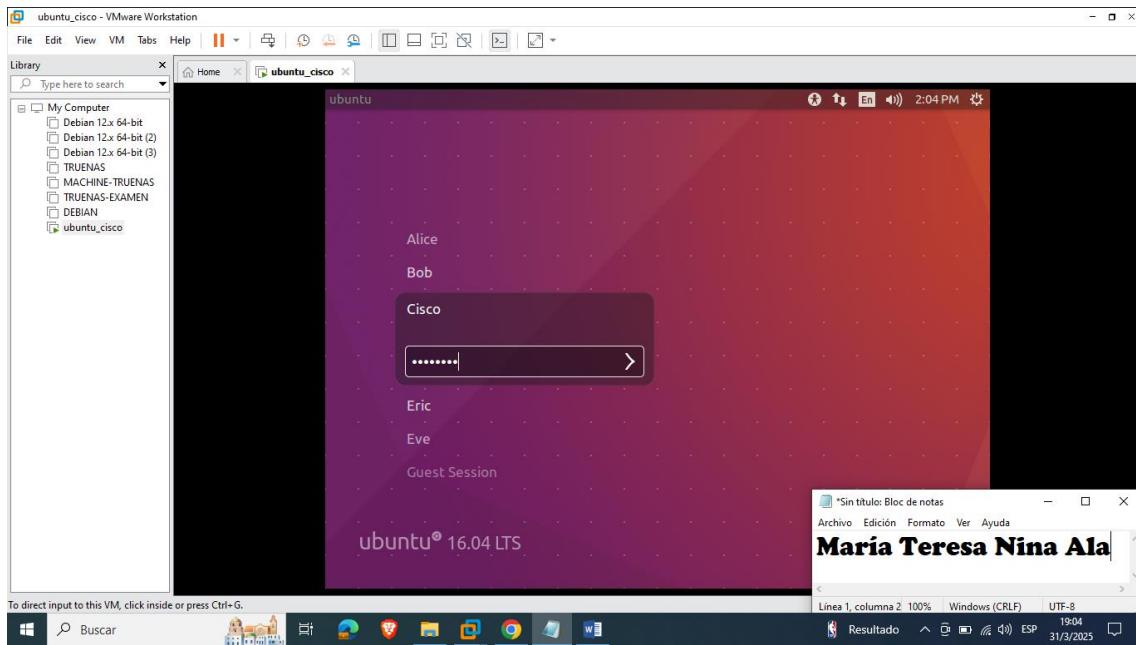
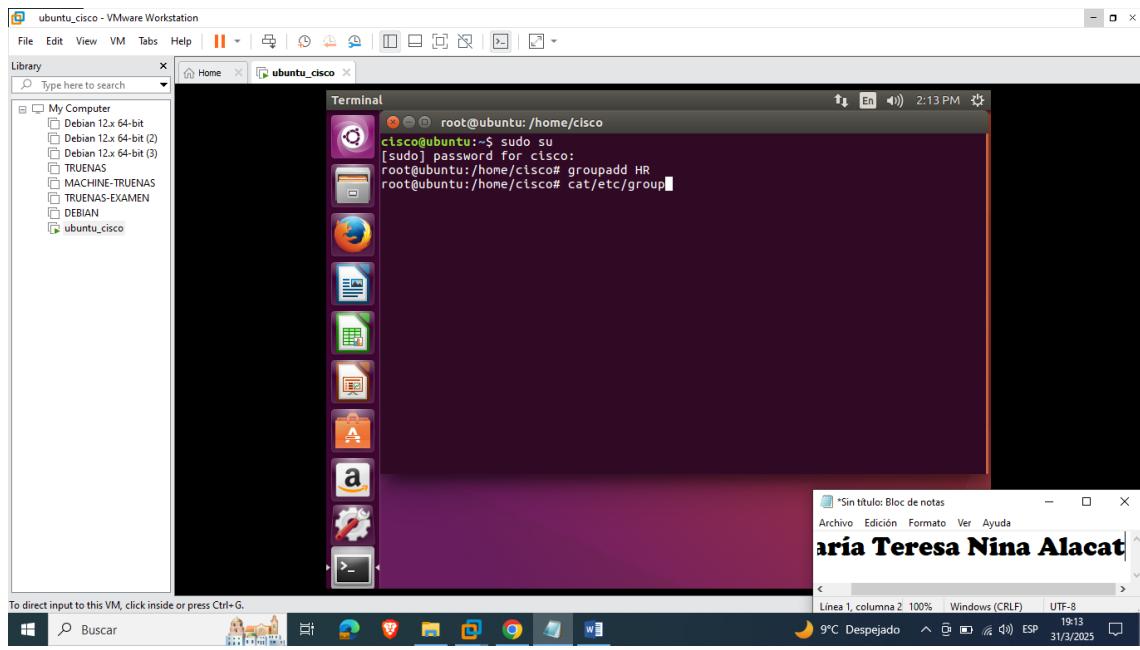


LABORATORIO_3 SEGURIDAD DE SISTEMAS

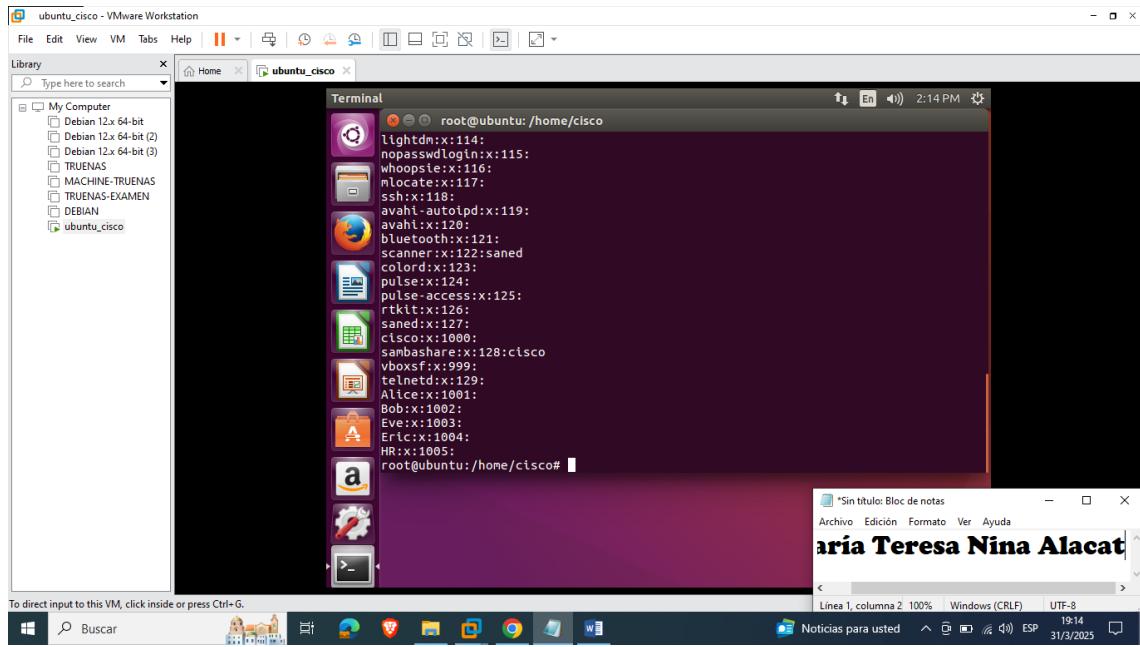
Nombre: Maria Teresa Nina Ala

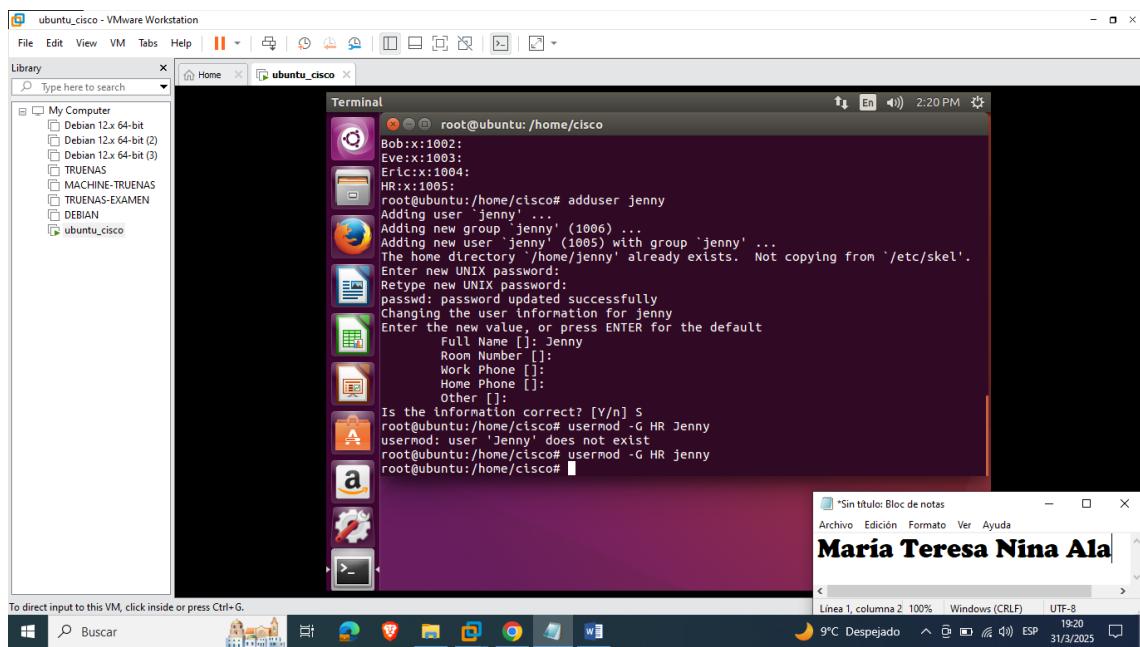
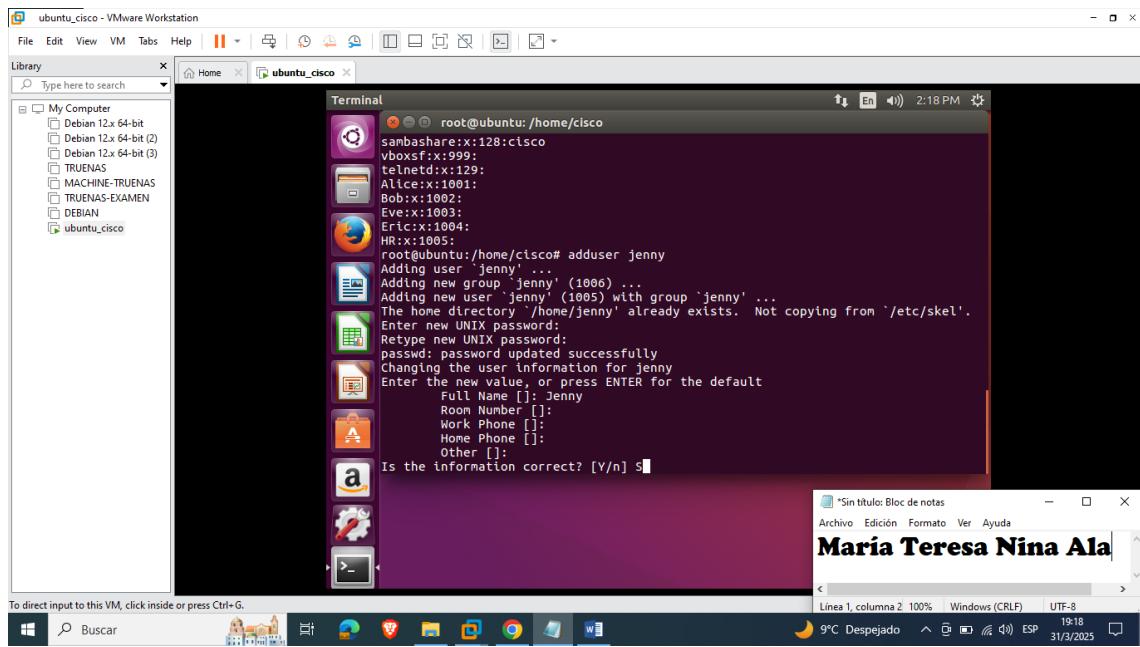
Enlace:

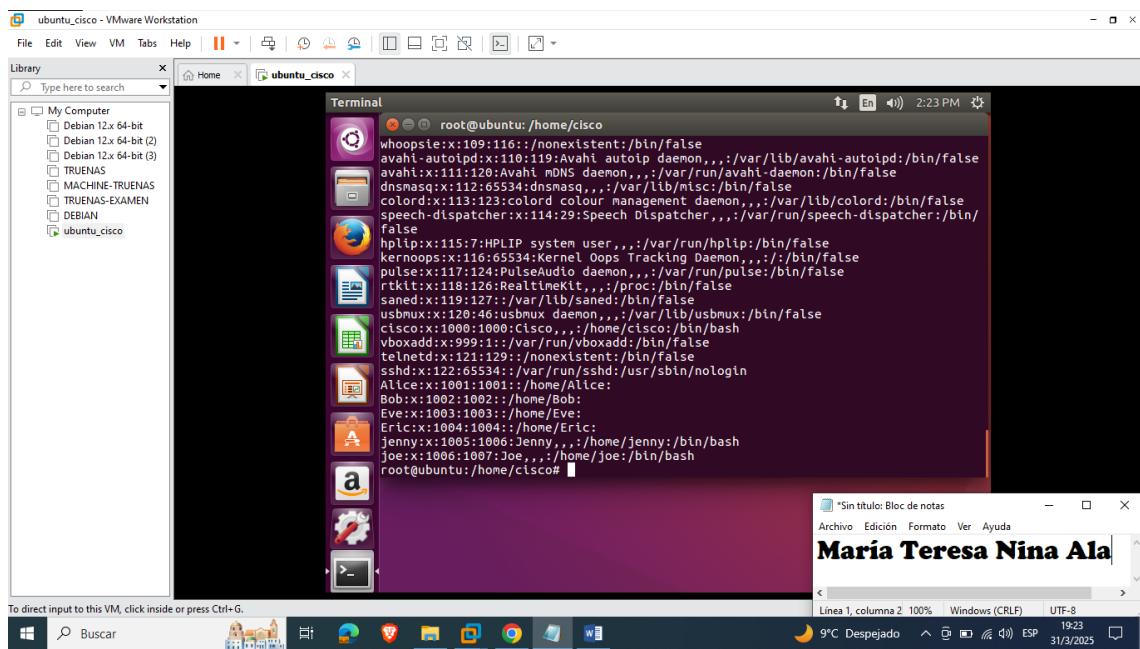
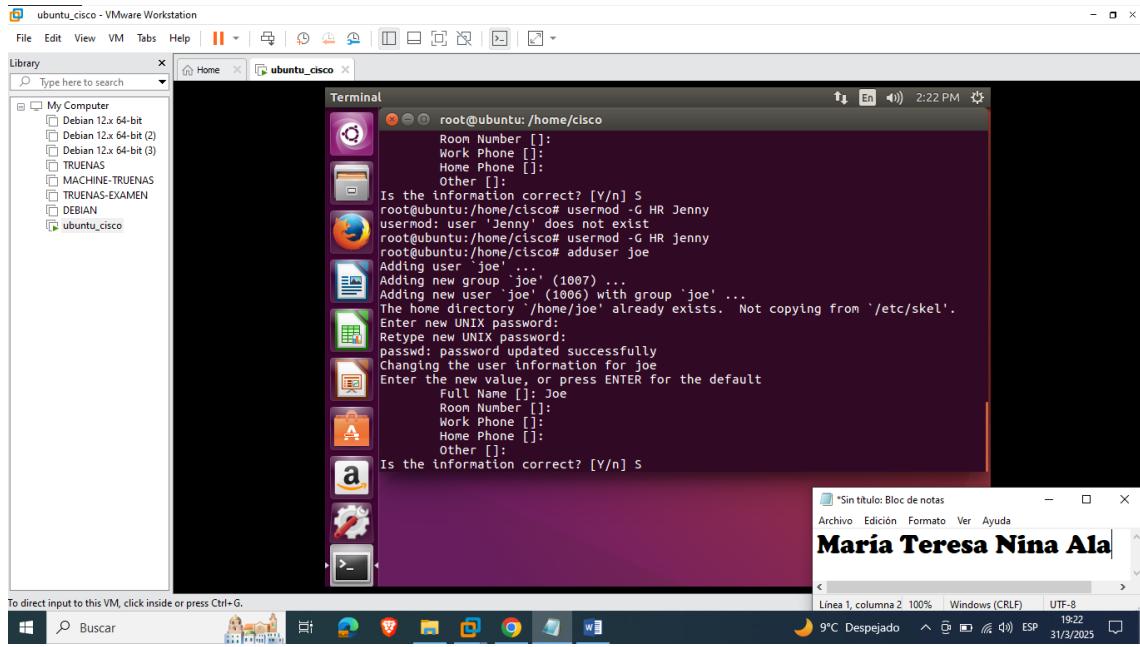


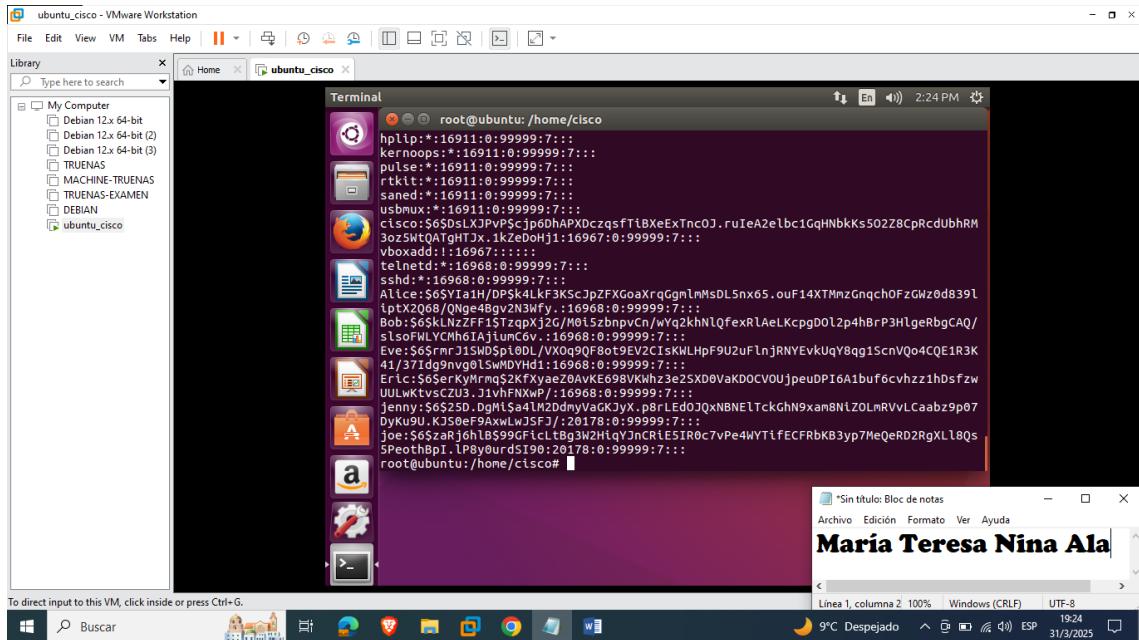


paso 2 verificar usuarios, grupos y contraseñas

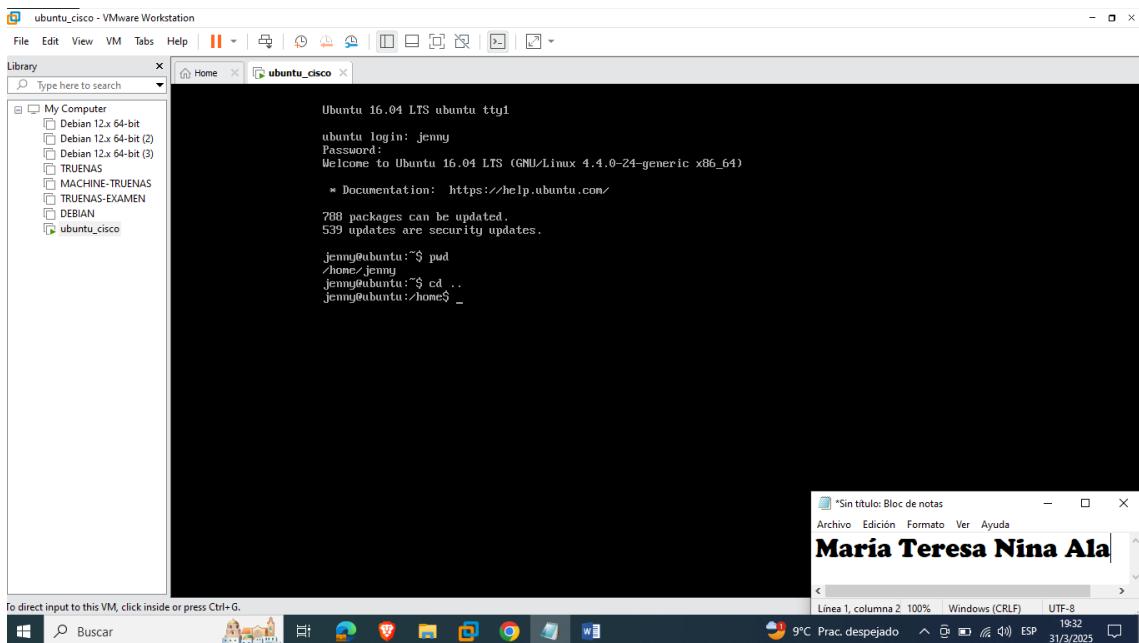


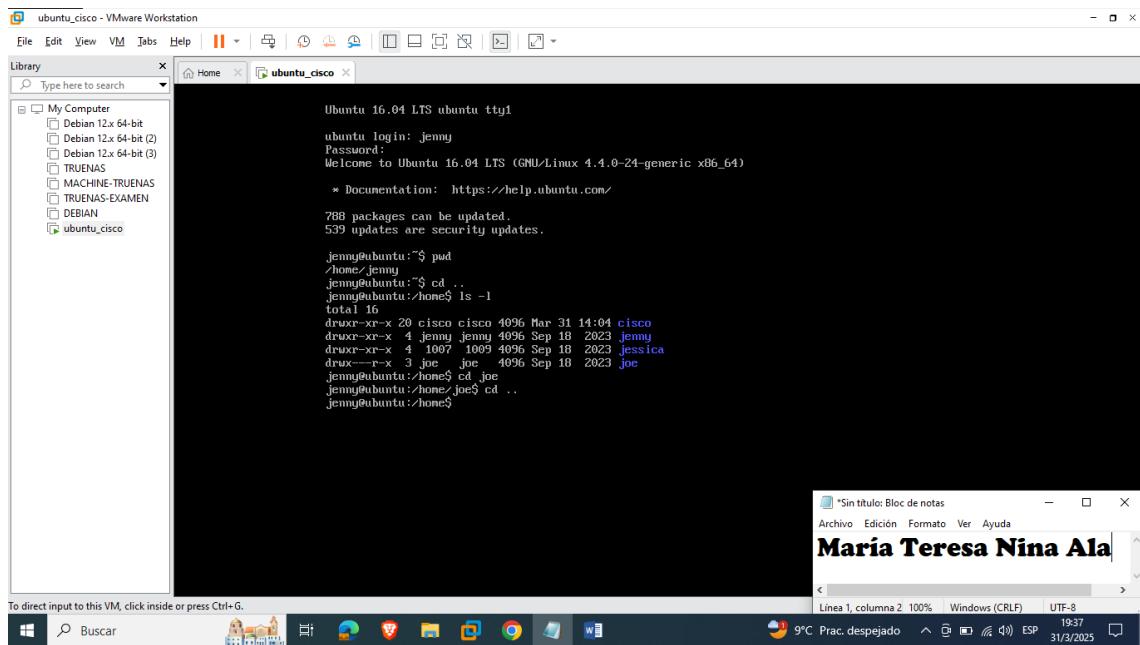
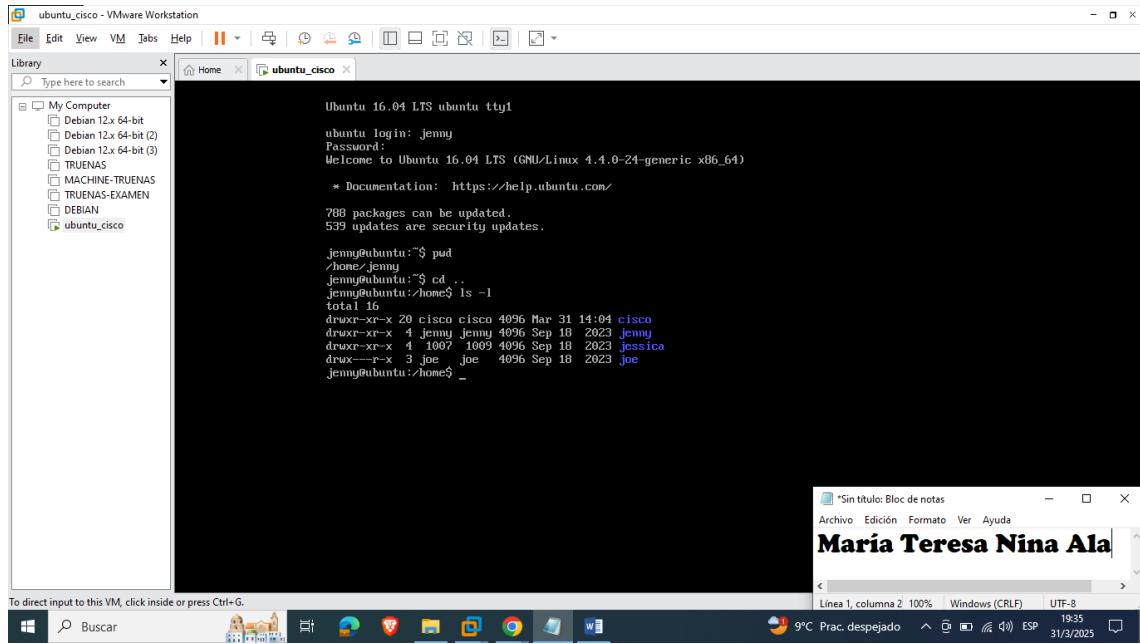


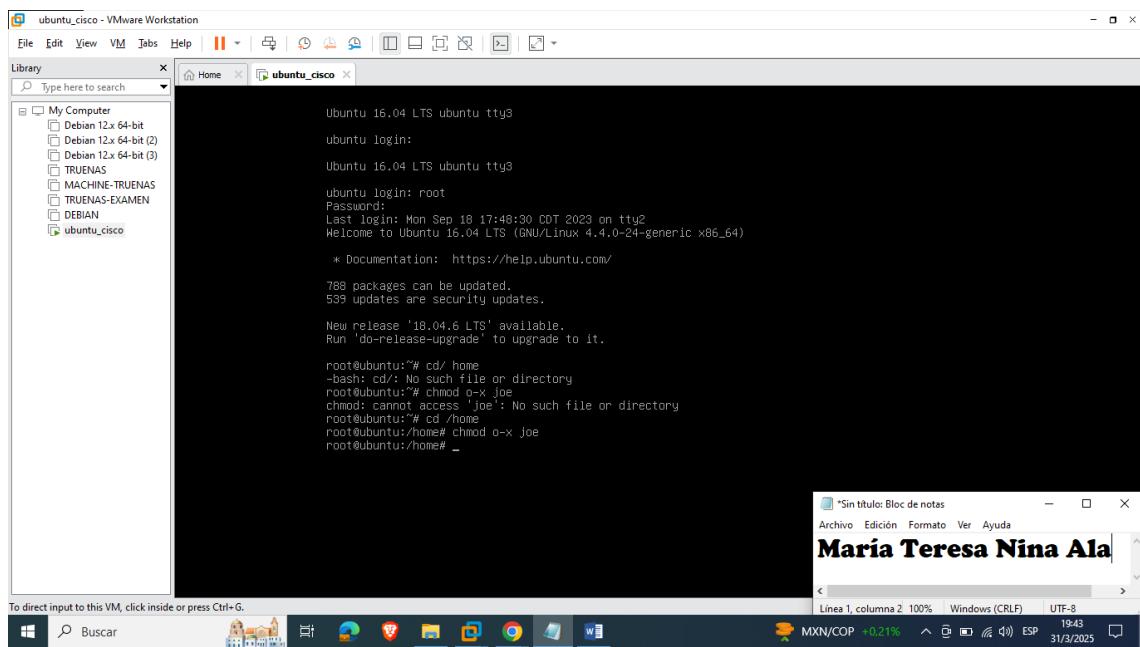
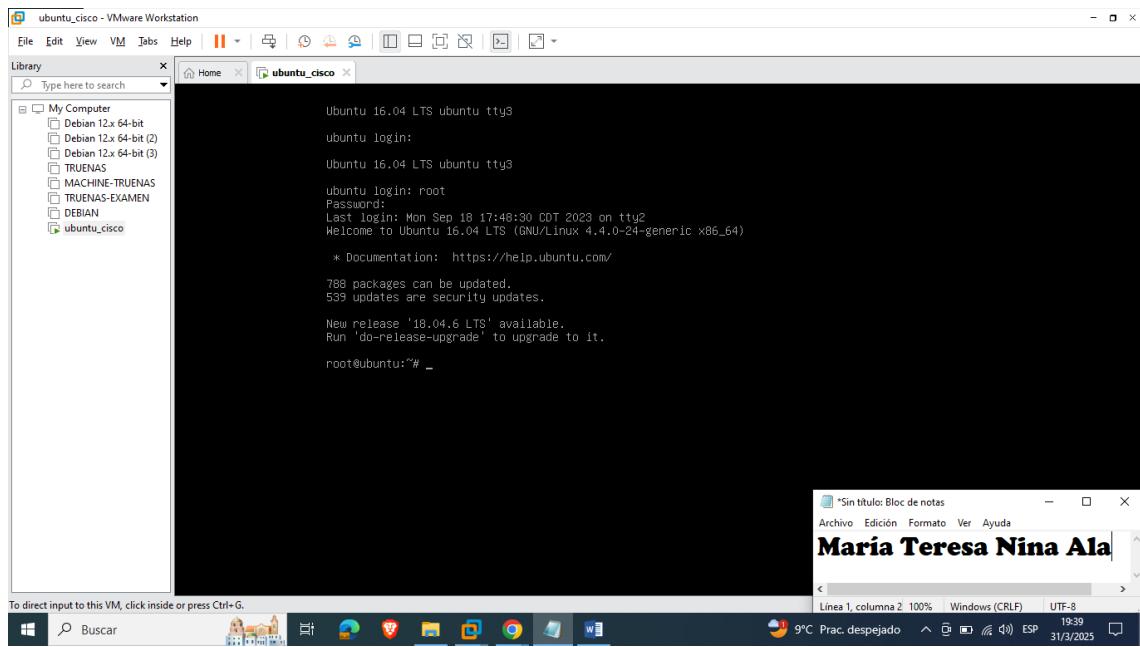




Parte 3 utilizar pasos simbólicos







```

ubuntu 16.04 LTS ubuntu tty3
ubuntu login:
Ubuntu 16.04 LTS ubuntu tty3
ubuntu login: root
Password:
Last login: Mon Sep 18 17:48:30 CDT 2023 on tty2
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation: https://help.ubuntu.com/

788 packages can be updated.
539 updates are security updates.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

root@ubuntu:~# cd /home
-bash: cd: No such file or directory
root@ubuntu:~# chmod o-x joe
chmod: cannot access 'joe': No such file or directory
root@ubuntu:~# cd /home
root@ubuntu:/home# chmod o-x joe
root@ubuntu:/home# ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 14:04 cisco
drwxr-xr-x  4 Jenny Jenny 4096 Sep 18 2023 Jenny
drwxr-xr-x  4 1007 1009 4096 Sep 18 2023 Jessica
drwxr-xr-x  3 joe   joe  4096 Sep 18 2023 joe
root@ubuntu:/home#

```

To direct input to this VM, click inside or press Ctrl+G.

```

ubuntu 16.04 LTS ubuntu tty1
ubuntu login: jenny
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation: https://help.ubuntu.com/

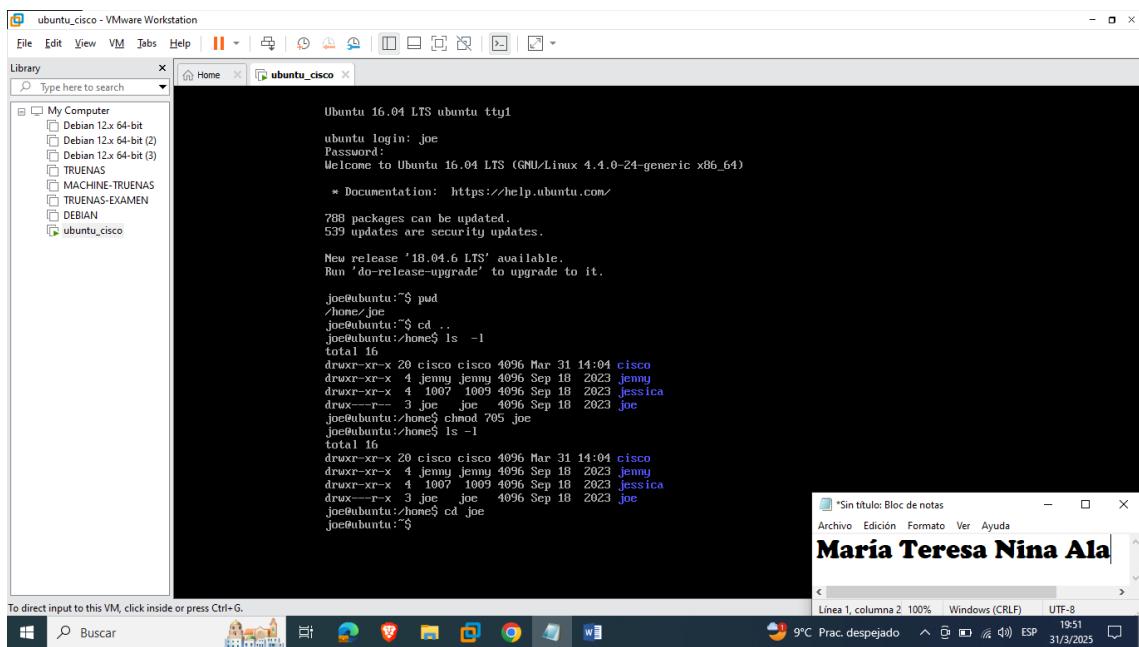
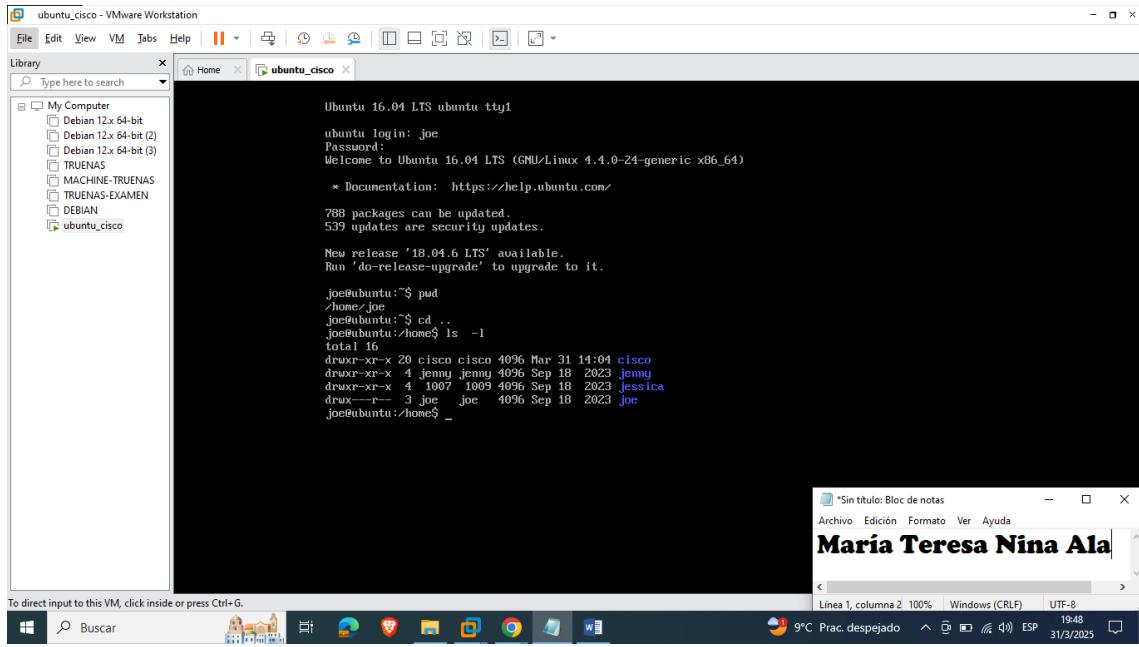
788 packages can be updated.
539 updates are security updates.

jenny@ubuntu:~$ pwd
/home/jenny
jenny@ubuntu:~$ cd ..
jenny@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 14:04 cisco
drwxr-xr-x  4 Jenny Jenny 4096 Sep 18 2023 Jenny
drwxr-xr-x  4 1007 1009 4096 Sep 18 2023 Jessica
drwxr-xr-x  3 joe   joe  4096 Sep 18 2023 joe
jenny@ubuntu:~/home$ cd joe
jenny@ubuntu:~/home/joe$ cd ..
jenny@ubuntu:~/home$ cd joe
-bash: cd: joe: Permission denied
jenny@ubuntu:~/home$ 

```

To direct input to this VM, click inside or press Ctrl+G.

Parte 4 permisos absolutos



```

ubuntu 16.04 LTS ubuntu tty1
ubuntu login: joe
Password:
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation: https://help.ubuntu.com/
788 packages can be updated.
539 updates are security updates.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

joe@ubuntu:~$ pwd
/home/joe
joe@ubuntu:~$ cd ..
joe@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 14:04 cisco
drwxr-xr-x  4 jenny jenny 4096 Sep 18 2023 jenny
drwxr-xr-x  4 1007 1009 4096 Sep 18 2023 jessica
drwxr--r-x  3 joe  joe  4096 Sep 18 2023 joe
joe@ubuntu:~/home$ chmod 705 joe
joe@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 14:04 cisco
drwxr-xr-x  4 jenny jenny 4096 Sep 18 2023 jenny
drwxr-xr-x  4 1007 1009 4096 Sep 18 2023 jessica
drwxr--r-x  3 joe  joe  4096 Sep 18 2023 joe
joe@ubuntu:~/home$ cd joe
joe@ubuntu:~$ touch test.txt
joe@ubuntu:~$ -

```

To direct input to this VM, click inside or press Ctrl+G.

```

ubuntu 16.04 LTS ubuntu tty1
Hint: Num Lock on
ubuntu login: jenny
Password:
Last login: Mon Mar 31 14:31:03 CDT 2025 on tty1
Welcome to Ubuntu 16.04 LTS (GNU/Linux 4.4.0-24-generic x86_64)

 * Documentation: https://help.ubuntu.com/
788 packages can be updated.
539 updates are security updates.

New release '18.04.6 LTS' available.
Run 'do-release-upgrade' to upgrade to it.

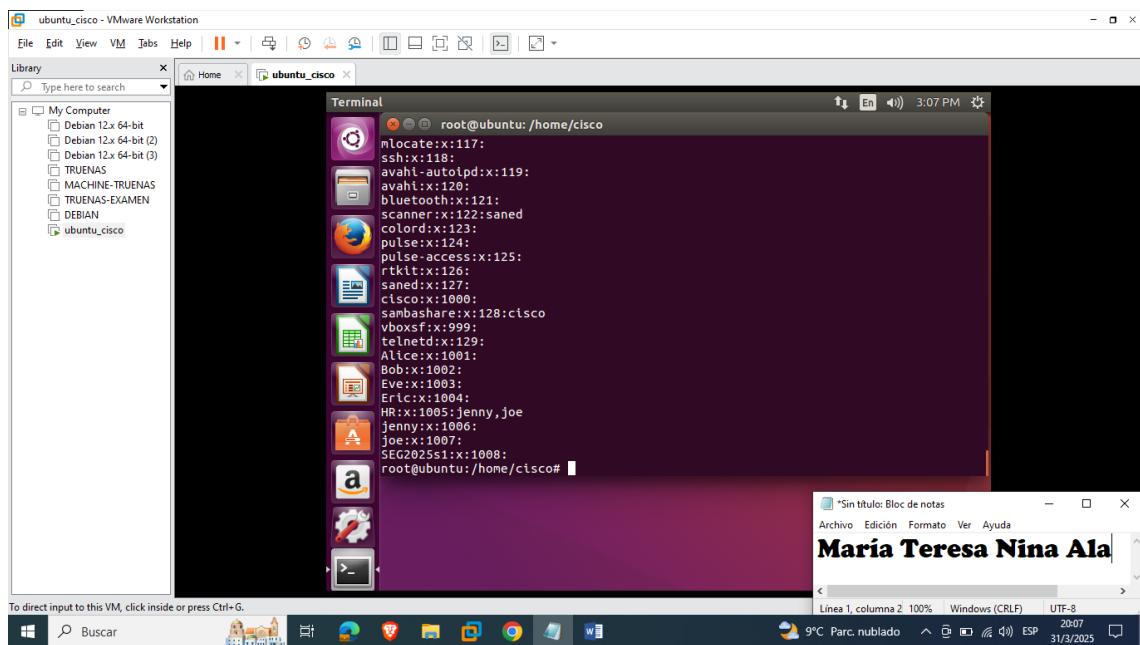
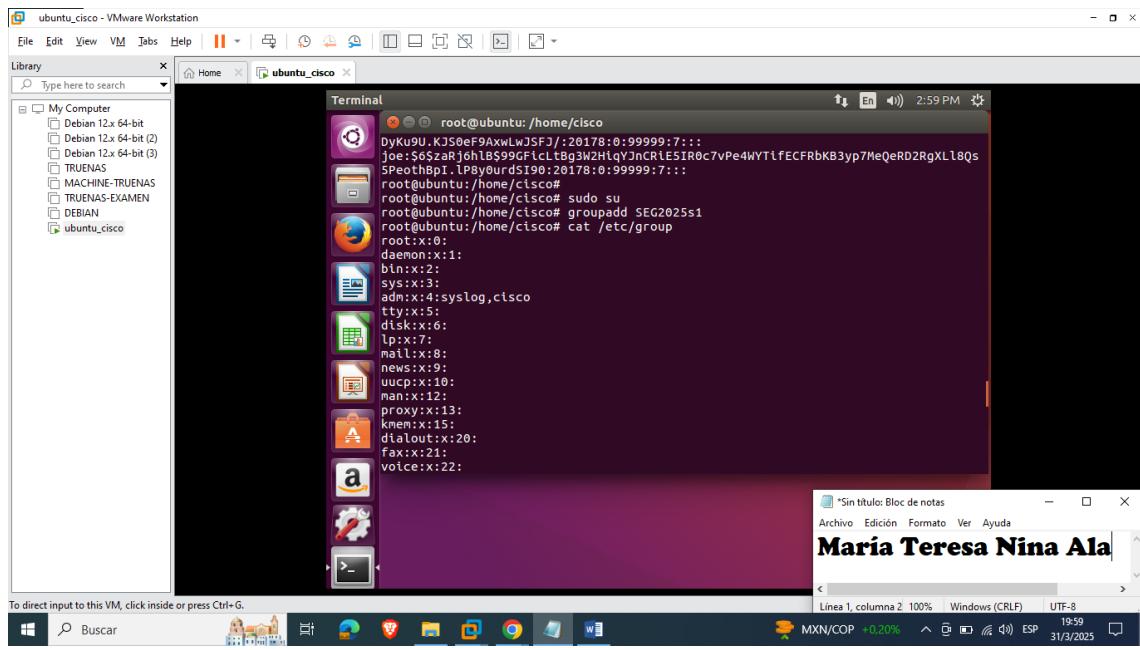
jenny@ubuntu:~$ cd ~home
jenny@ubuntu:~/home$ ls -l
total 16
drwxr-xr-x 20 cisco cisco 4096 Mar 31 14:04 cisco
drwxr-xr-x  4 jenny jenny 4096 Sep 18 2023 jenny
drwxr-xr-x  4 1007 1009 4096 Sep 18 2023 jessica
drwxr--r-x  3 joe  joe  4096 Sep 18 2023 joe
jenny@ubuntu:~/home$ touch jenny.txt
touch: cannot touch 'jenny.txt': Permission denied
jenny@ubuntu:~/home$ -

```

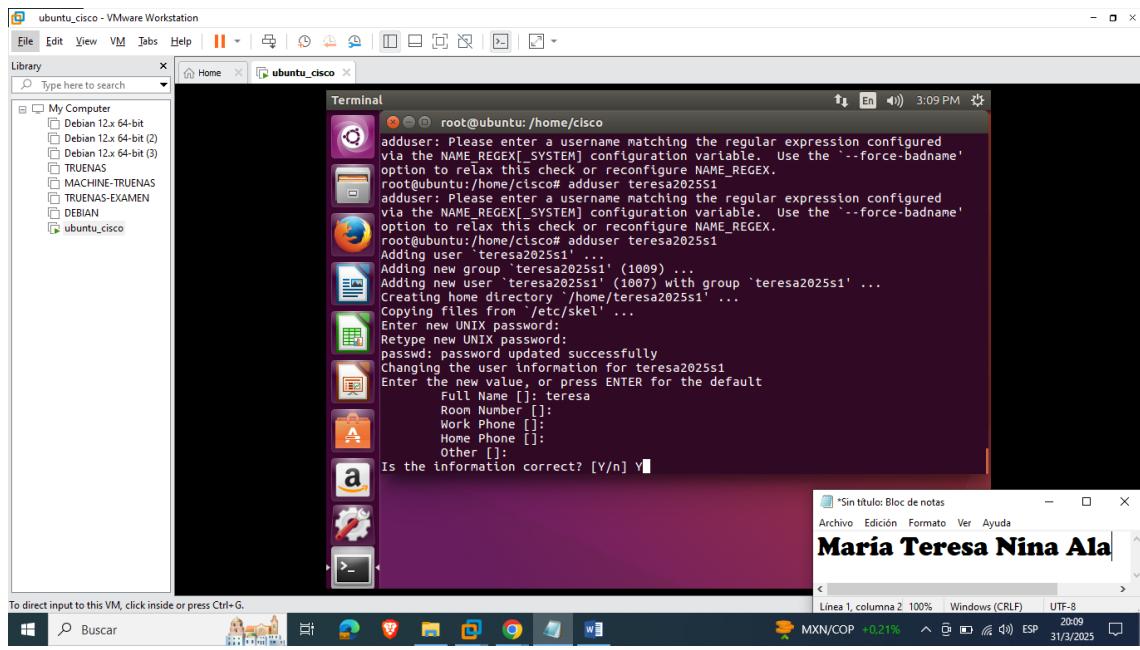
To direct input to this VM, click inside or press Ctrl+G.

Evaluación

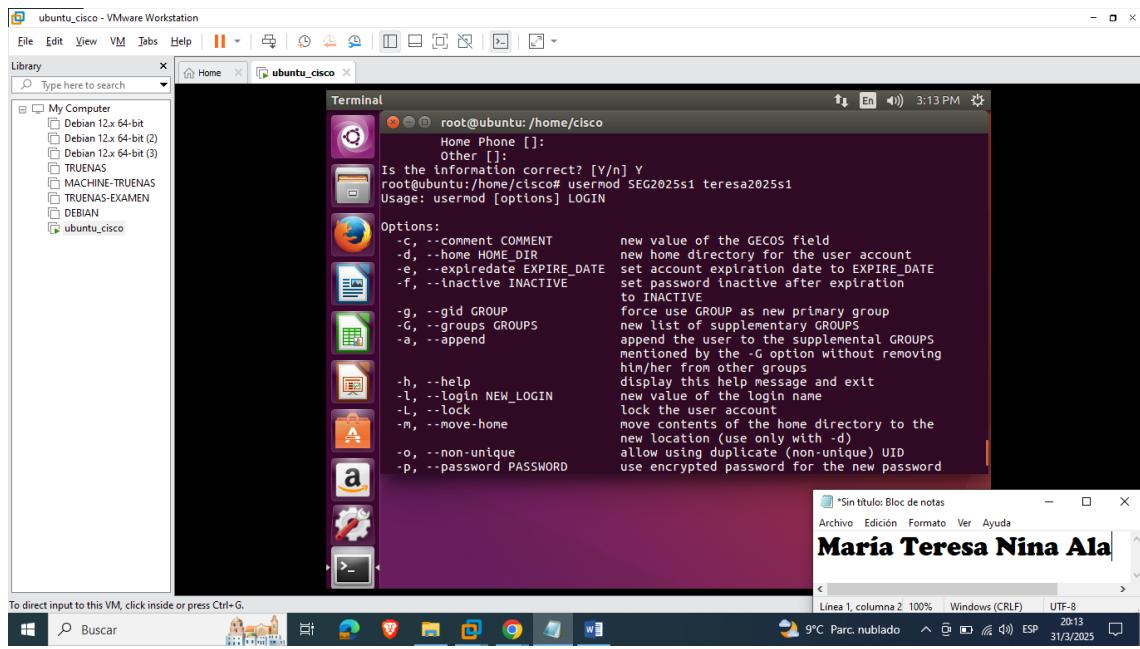
1.

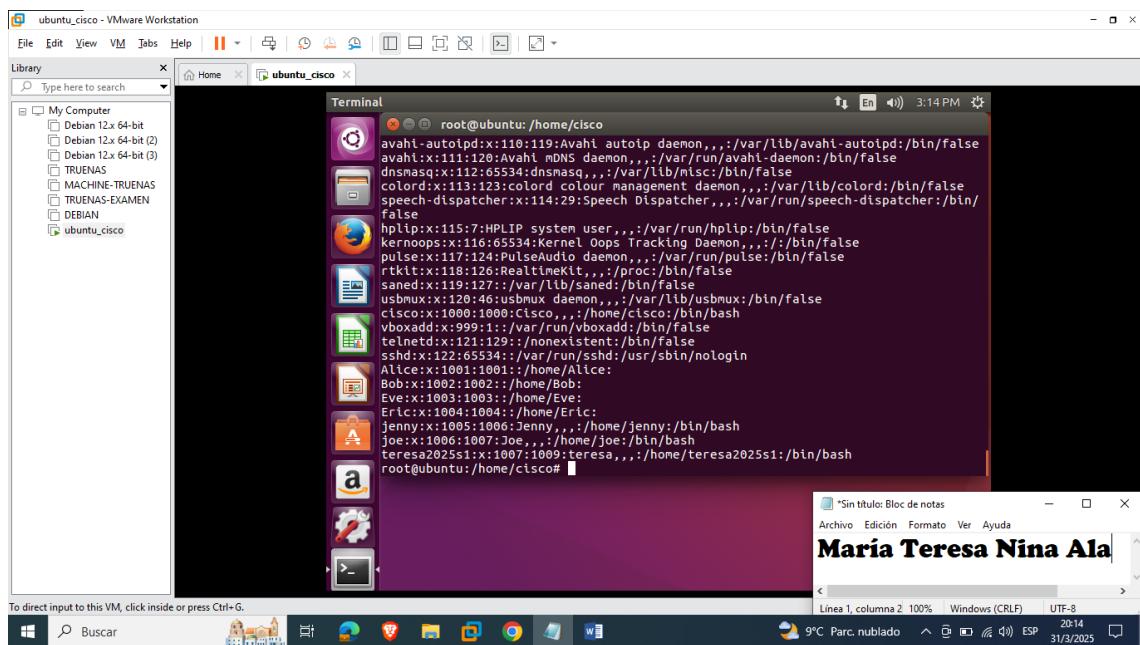
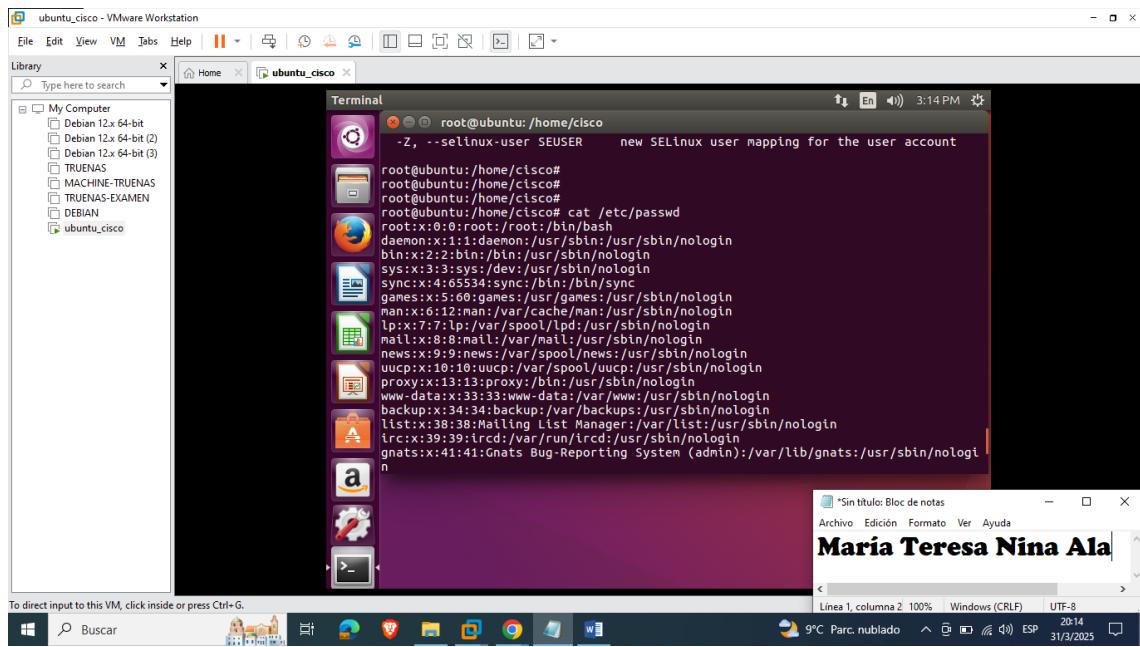


2.



3.





P4

