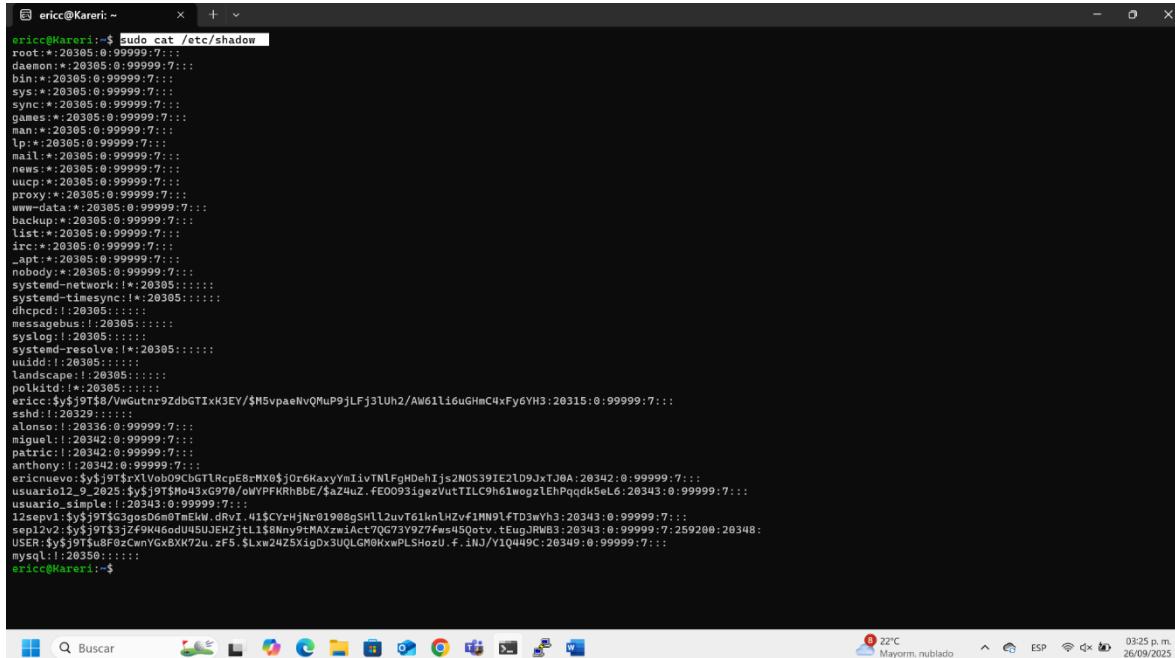


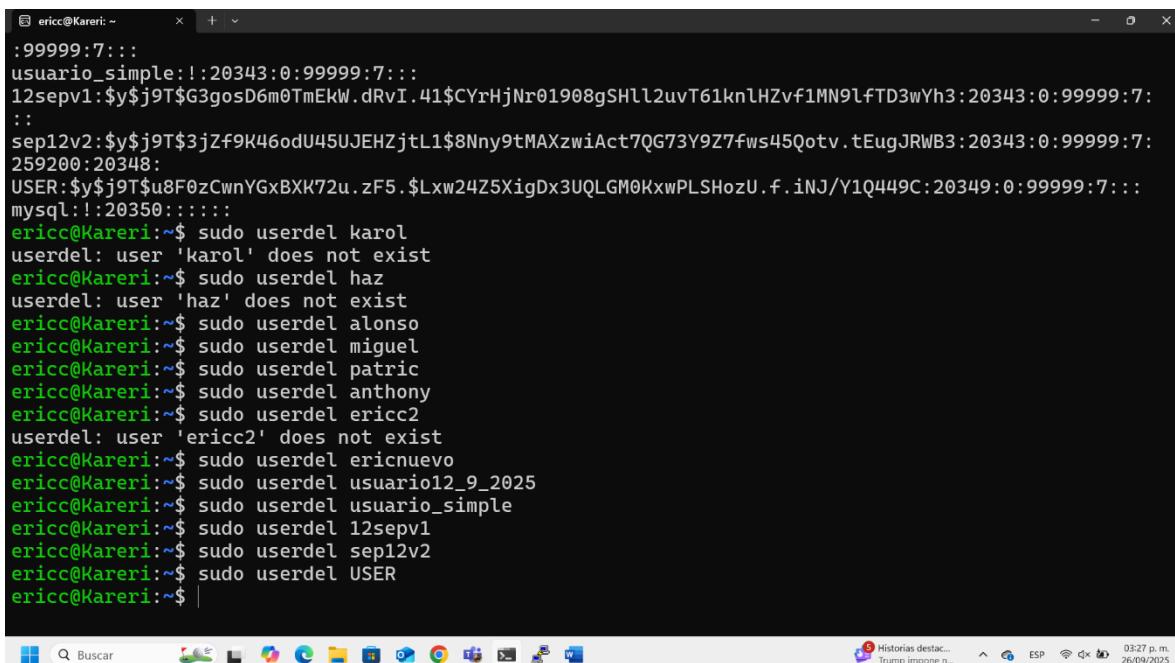
# Examen S.O Eric Carmen Soto

Muestre todos los usuarios registrados en su Distro Linux



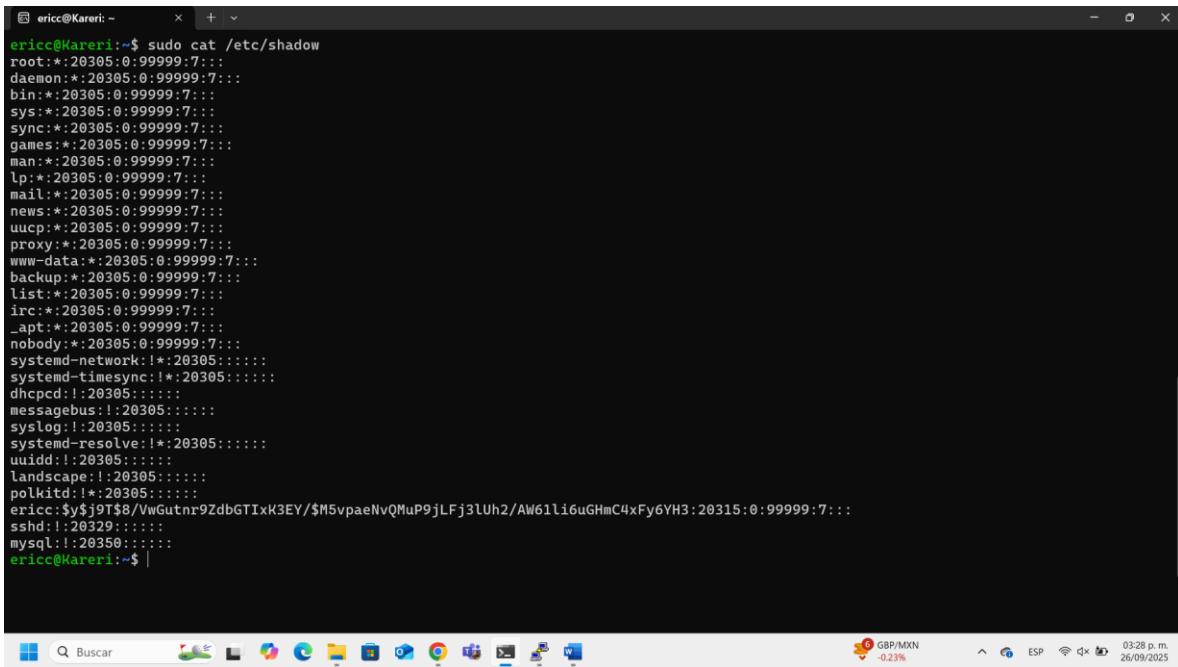
```
ericc@Karer1:~$ sudo cat /etc/shadow
root:*:20305:0:99999:7:::
daemon:*:20305:0:99999:7:::
bin:*:20305:0:99999:7:::
sys:*:20305:0:99999:7:::
sync:*:20305:0:99999:7:::
games:*:20305:0:99999:7:::
man:*:20305:0:99999:7:::
lp:*:20305:0:99999:7:::
mail:*:20305:0:99999:7:::
news:*:20305:0:99999:7:::
uucp:*:20305:0:99999:7:::
proxy:*:20305:0:99999:7:::
www-data:*:20305:0:99999:7:::
backup:*:20305:0:99999:7:::
list:*:20305:0:99999:7:::
irc:*:20305:0:99999:7:::
_apt:*:20305:0:99999:7:::
nobody:*:20305:0:99999:7:::
systemd-nspawn!*:20305::::::
systemd-timesync!*:20305::::::
dhcpcd!*:20305::::::
systemd-resolve!*:20305::::::
uuid!*:20305::::::
landlape!*:20305::::::
polkitid!*:20305::::::
ericc:$y$j9T$G3gosD6m0TmEkW.dRvI.41$CYrHjNr01908gSHll2uvT61knlHZvf1MN9lFTD3wYh3:20343:0:99999:7:::
ssn1!*:20329::::::
alonso!*:20336:0:99999:7:::
miguel!*:20342:0:99999:7:::
patric!*:20342:0:99999:7:::
anthony!*:20343:0:99999:7:::
ericcnewo!*:y$j9T$G3gosD6m0TmEkW.dRvI.41$CYrHjNr01908gSHll2uvT61knlHZvf1MN9lFTD3wYh3:20343:0:99999:7:::
usuario12_9_2025:$y$j9T$G3gosD6m0TmEkW.dRvI.41$CYrHjNr01908gSHll2uvT61knlHZvf1MN9lFTD3wYh3:20343:0:99999:7:::
usuario_simple!*:20343:0:99999:7:::
12sepv1:$y$j9T$G3gosD6m0TmEkW.dRvI.41$CYrHjNr01908gSHll2uvT61knlHZvf1MN9lFTD3wYh3:20343:0:99999:7:::
sep12v2:$y$j9T$3jZF9K46odU45UJEHZjtL1$8Nny9tMAXzwiAct7QG73Y9Z7fws45Qotv.tEugJRWB3:20343:0:99999:7:::
259200:20348:
USER:$y$j9T$u8F0zCwnYGxBXK72u.zF5.$Lxw24Z5XigDx3UQLGM0KxwPLSHozU.f.iNJ/Y1Q449C:20349:0:99999:7:::
mysql!:20350::::::
ericc@Karer1:~$
```

Depure los usuarios existentes, así como su escritorio y conserve únicamente el usuario de instalación.



```
:99999:7:::
usuario_simple!:20343:0:99999:7:::
12sepv1:$y$j9T$G3gosD6m0TmEkW.dRvI.41$CYrHjNr01908gSHll2uvT61knlHZvf1MN9lFTD3wYh3:20343:0:99999:7:::
:::
sep12v2:$y$j9T$3jZF9K46odU45UJEHZjtL1$8Nny9tMAXzwiAct7QG73Y9Z7fws45Qotv.tEugJRWB3:20343:0:99999:7:::
259200:20348:
USER:$y$j9T$u8F0zCwnYGxBXK72u.zF5.$Lxw24Z5XigDx3UQLGM0KxwPLSHozU.f.iNJ/Y1Q449C:20349:0:99999:7:::
mysql!:20350::::::
ericc@Karer1:~$ sudo userdel karol
userdel: user 'karol' does not exist
ericc@Karer1:~$ sudo userdel haz
userdel: user 'haz' does not exist
ericc@Karer1:~$ sudo userdel alonso
ericc@Karer1:~$ sudo userdel miguel
ericc@Karer1:~$ sudo userdel patric
ericc@Karer1:~$ sudo userdel anthony
ericc@Karer1:~$ sudo userdel ericc2
userdel: user 'ericc2' does not exist
ericc@Karer1:~$ sudo userdel ericnuevo
ericc@Karer1:~$ sudo userdel usuario12_9_2025
ericc@Karer1:~$ sudo userdel usuario_simple
ericc@Karer1:~$ sudo userdel 12sepv1
ericc@Karer1:~$ sudo userdel sep12v2
ericc@Karer1:~$ sudo userdel USER
ericc@Karer1:~$ |
```

## Examen S.O Eric Carmen Soto



```
ericc@Karerl:~$ sudo cat /etc/shadow
root:*:20305:0:99999:7:::
daemon:*:20305:0:99999:7:::
bin:*:20305:0:99999:7:::
sys:*:20305:0:99999:7:::
sync:*:20305:0:99999:7:::
games:*:20305:0:99999:7:::
man:*:20305:0:99999:7:::
lp:*:20305:0:99999:7:::
mail:*:20305:0:99999:7:::
news:*:20305:0:99999:7:::
uucp:*:20305:0:99999:7:::
proxy:*:20305:0:99999:7:::
www-data:*:20305:0:99999:7:::
backup:*:20305:0:99999:7:::
list:*:20305:0:99999:7:::
irc:*:20305:0:99999:7:::
_apt:*:20305:0:99999:7:::
nobody:*:20305:0:99999:7:::
systemd-network!*:20305:::::
systemd-timesync!:!*:20305:::::
dhcpcd!:!20305:::::
messagebus!:!20305:::::
syslog!:!20305:::::
systemd-resolve!*:20305:::::
uuidd!:!20305:::::
landscape!:!20305:::::
polkitd!:!*:20305:::::
ericc:$J9T$8/VwGutnr9ZdbGTIxK3EY/$M5vpaeNvQMuP9jLFj3LUh2/AW61l16uGHmC4xFy6YH3:20315:0:99999:7:::
sshd!:!20329:::::
mysql!:!20350:::::
ericc@Karerl:~$ |
```

Cree un grupo en su distro Linux con el nombre “TeamScrum”

Cree un nuevo usuario con el “nombre de un familiar”.

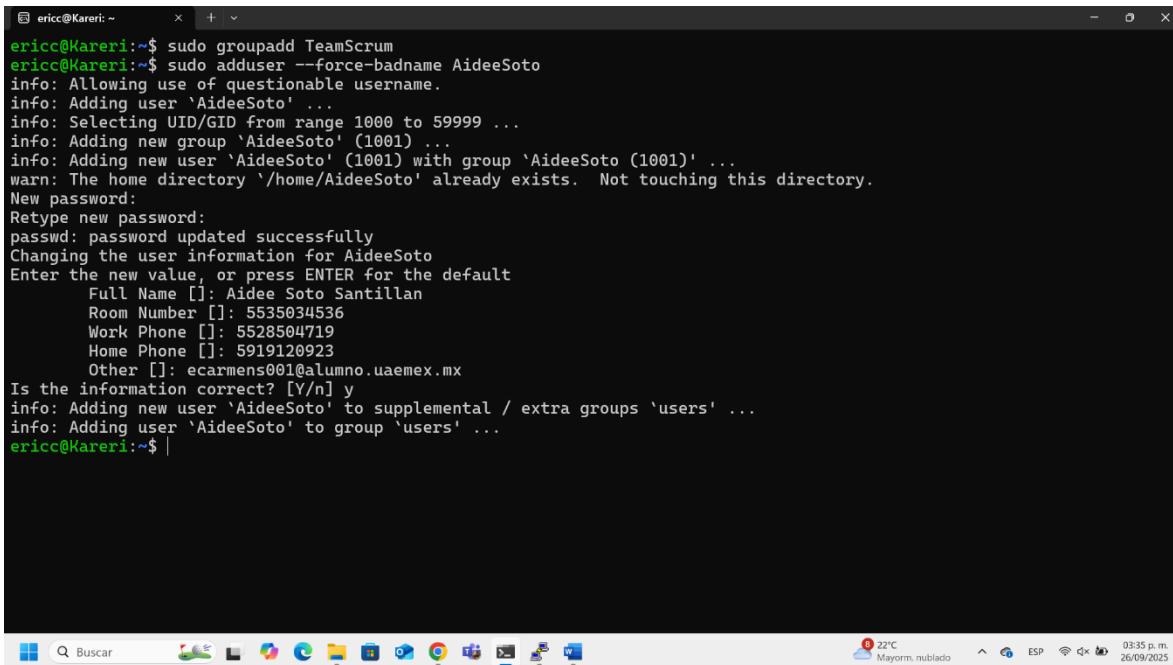
Agregue una contraseña.

Complete el resto del nombre empleando los datos de su familiar.

En el campo Otro [ ] ingrese su correo institucional.

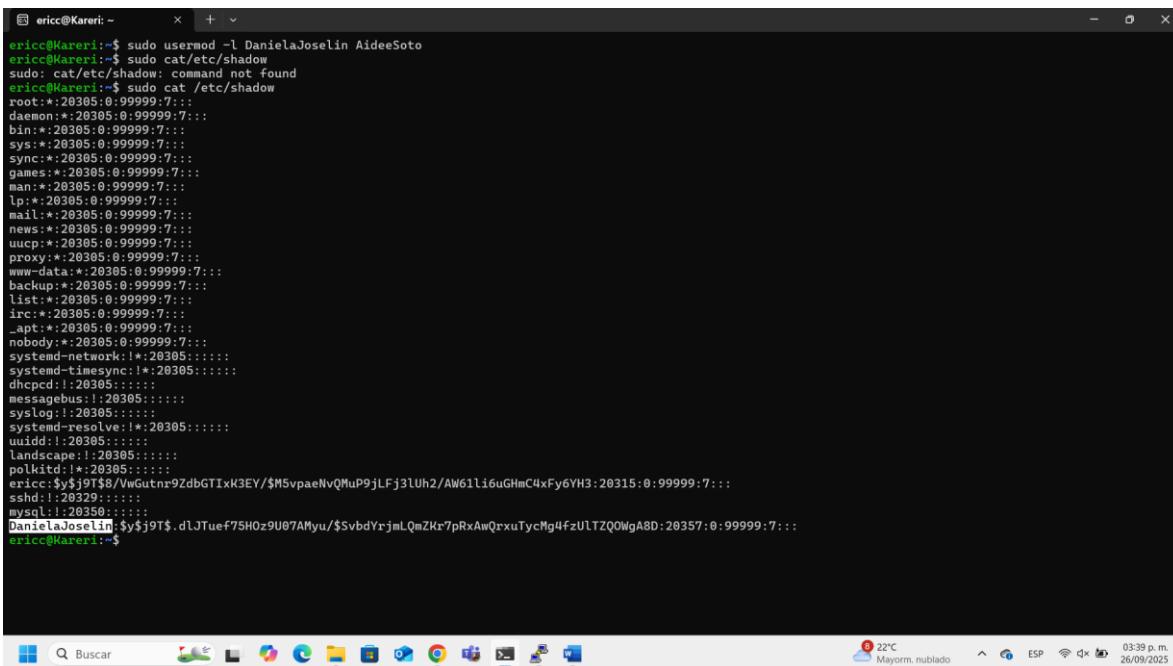
Agregue el resto de los datos empleando sus datos personales.

## Examen S.O Eric Carmen Soto



```
ericc@Karerl:~$ sudo groupadd TeamScrum
ericc@Karerl:~$ sudo adduser --force-badname AideeSoto
info: Allowing use of questionable username.
info: Adding user 'AideeSoto' ...
info: Selecting UID/GID from range 1000 to 59999 ...
info: Adding new group 'AideeSoto' (1001) ...
info: Adding new user 'AideeSoto' (1001) with group 'AideeSoto (1001)' ...
warn: The home directory '/home/AideeSoto' already exists. Not touching this directory.
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for AideeSoto
Enter the new value, or press ENTER for the default
    Full Name []: Aidee Soto Santillan
    Room Number []: 5535034536
    Work Phone []: 5528504719
    Home Phone []: 5919120923
    Other []: ecarmens001@alumno.uaemex.mx
Is the information correct? [Y/n] y
info: Adding new user 'AideeSoto' to supplemental / extra groups 'users' ...
info: Adding user 'AideeSoto' to group 'users' ...
ericc@Karerl:~$ |
```

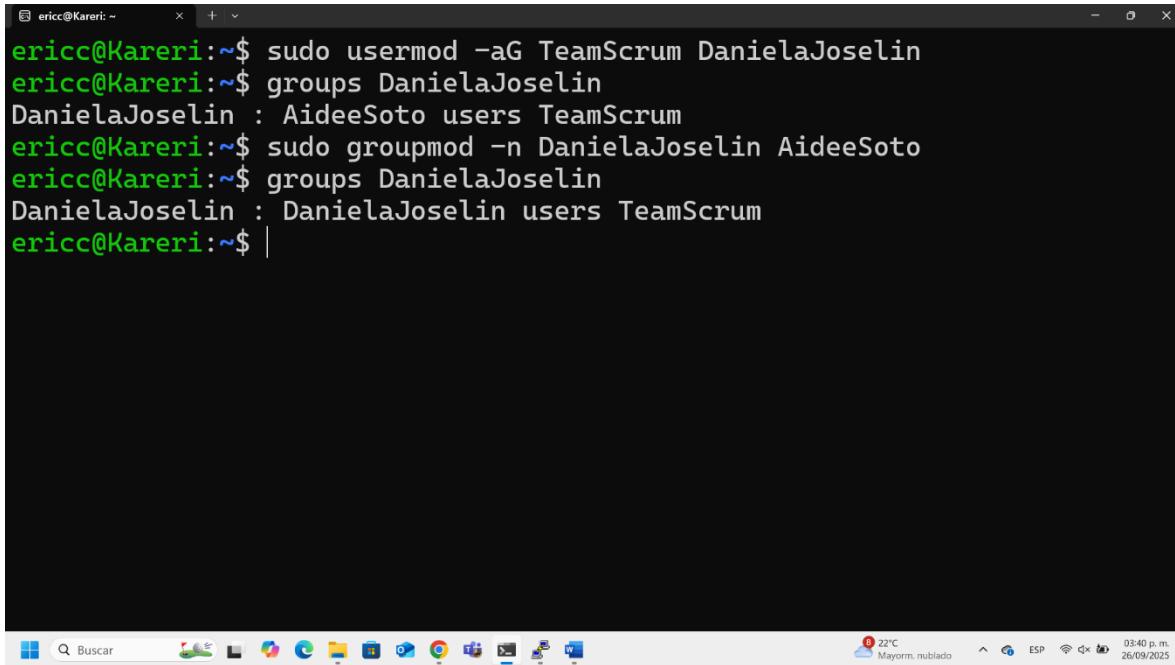
Renombre al usuario con el “nombre de un compañero de clase”



```
ericc@Karerl:~$ sudo usermod -l DanielaJoselin AideeSoto
ericc@Karerl:~$ sudo cat /etc/shadow
sudo: cat/etc/shadow: command not found
ericc@Karerl:~$ sudo cat /etc/shadow
root:*:20385:0:99999:7:::
daemon:*:20385:0:99999:7:::
bin:*:20385:0:99999:7:::
sys:*:20385:0:99999:7:::
sync:*:20385:0:99999:7:::
games:*:20385:0:99999:7:::
man:*:20385:0:99999:7:::
lp:*:20385:0:99999:7:::
mail:*:20385:0:99999:7:::
news:*:20385:0:99999:7:::
uucp:*:20385:0:99999:7:::
proxy:*:20385:0:99999:7:::
www-data:*:20385:0:99999:7:::
backup:*:20385:0:99999:7:::
list:*:20385:0:99999:7:::
irc:*:20385:0:99999:7:::
_apt:*:20385:0:99999:7:::
nobody:*:20385:0:99999:7:::
systemd-network[*]:20385:::::
systemd-timesync[*]:20305:::::
dhcpcd[*]:20385:::::
messagebus[*]:20385:::::
syslog[*]:20385:::::
systemd-resolve[*]:20385:::::
uuid[*]:20385:::::
landscape[*]:20385:::::
polkitd[*]:20385:::::
ericc:$y$j9T$/$VgGutnr9ZdbGTIxK3EY/$M5vpaeNvQMuP9jLFj3lUh2/AW61li6uGHmC4xFy6YH3:20315:0:99999:7:::
sshd[*]:20329:::::
mysql[*]:20350:::::
DanielaJoselin:$y$j9T$/.dlJTueF75HOz9U07AMyu/$SvbdYrjmLQmZKr7pRxAwQrxuTycMg4fzULTZQ0WgA8D:20357:0:99999:7:::
ericc@Karerl:~$ |
```

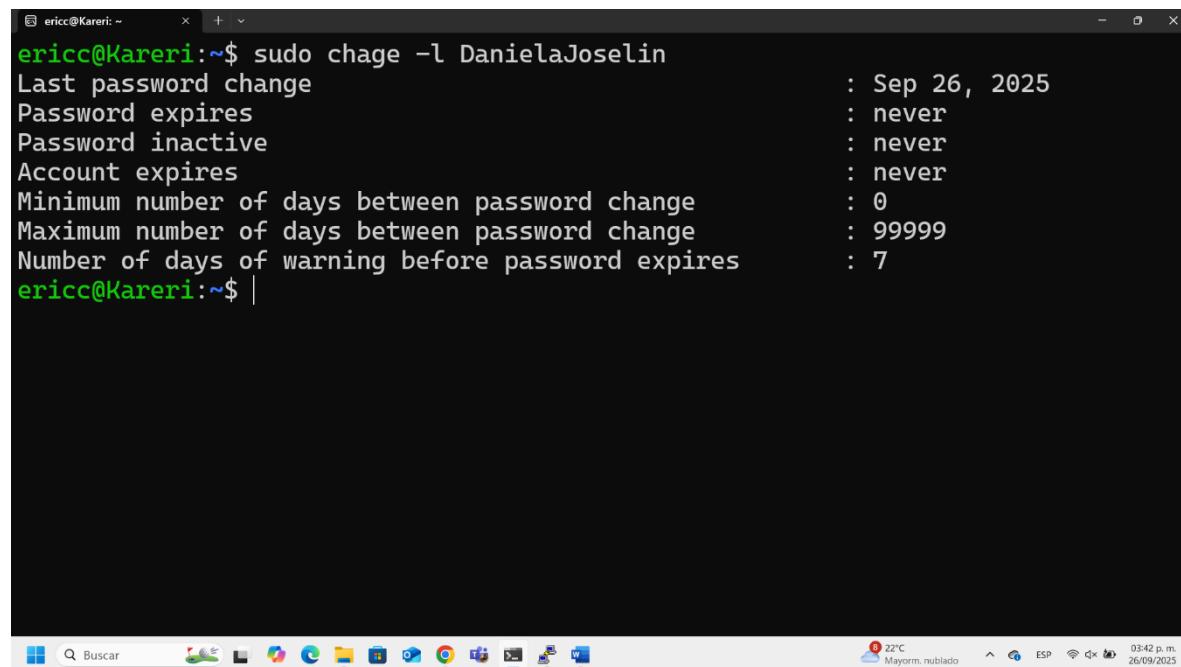
## Examen S.O Eric Carmen Soto

Agregue el usuario al grupo “TeamScrum”



```
ericc@Karerri:~$ sudo usermod -aG TeamScrum DanielaJoselin
ericc@Karerri:~$ groups DanielaJoselin
DanielaJoselin : AideeSoto users TeamScrum
ericc@Karerri:~$ sudo groupmod -n DanielaJoselin AideeSoto
ericc@Karerri:~$ groups DanielaJoselin
DanielaJoselin : DanielaJoselin users TeamScrum
ericc@Karerri:~$ |
```

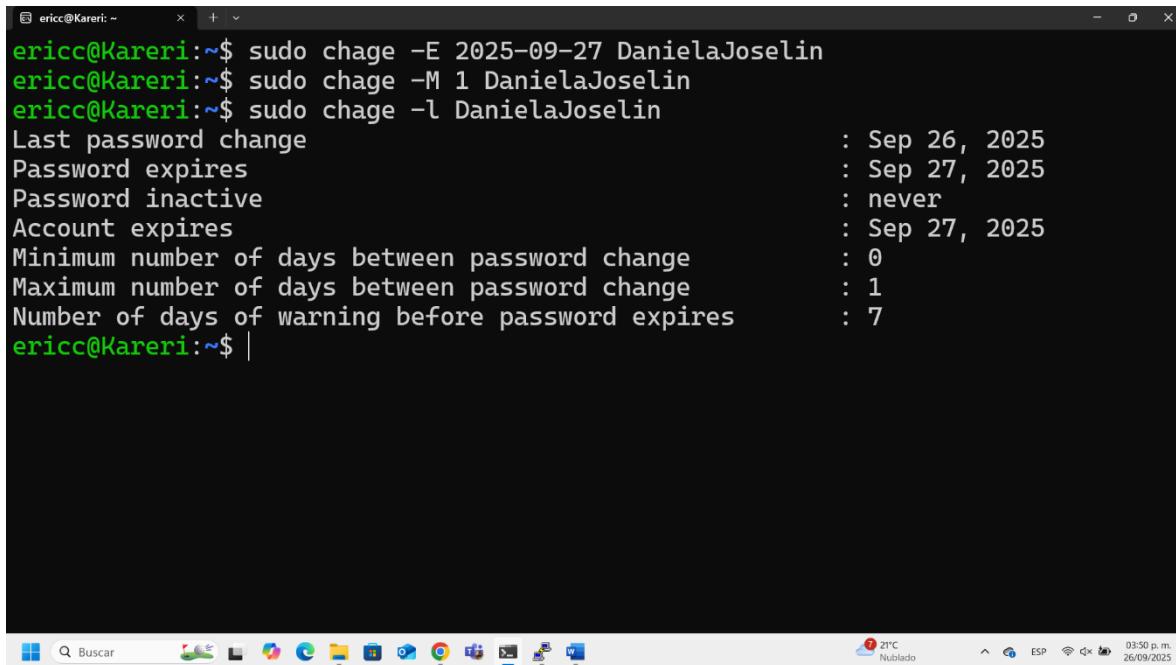
Muestre la configuración actual de la cuenta (fecha de caducidad de cuenta, contraseña, etc),



```
ericc@Karerri:~$ sudo chage -l DanielaJoselin
Last password change : Sep 26, 2025
Password expires     : never
Password inactive   : never
Account expires      : never
Minimum number of days between password change : 0
Maximum number of days between password change : 99999
Number of days of warning before password expires : 7
ericc@Karerri:~$ |
```

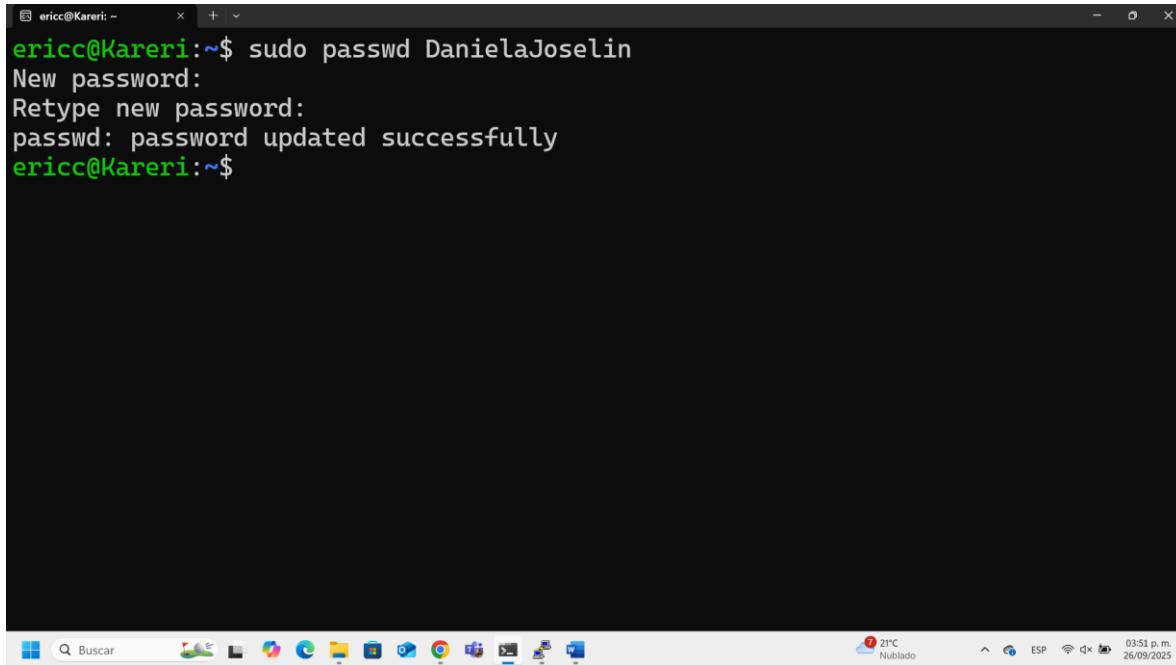
## Examen S.O Eric Carmen Soto

Configure la contraseña y cuenta del usuario para que caduque el 27 de septiembre del año en curso



```
ericc@Karer:~$ sudo chage -E 2025-09-27 DanielaJoselin
ericc@Karer:~$ sudo chage -M 1 DanielaJoselin
ericc@Karer:~$ sudo chage -l DanielaJoselin
Last password change : Sep 26, 2025
Password expires     : Sep 27, 2025
Password inactive    : never
Account expires       : Sep 27, 2025
Minimum number of days between password change : 0
Maximum number of days between password change : 1
Number of days of warning before password expires: 7
ericc@Karer:~$ |
```

Cambie la contraseña del usuario

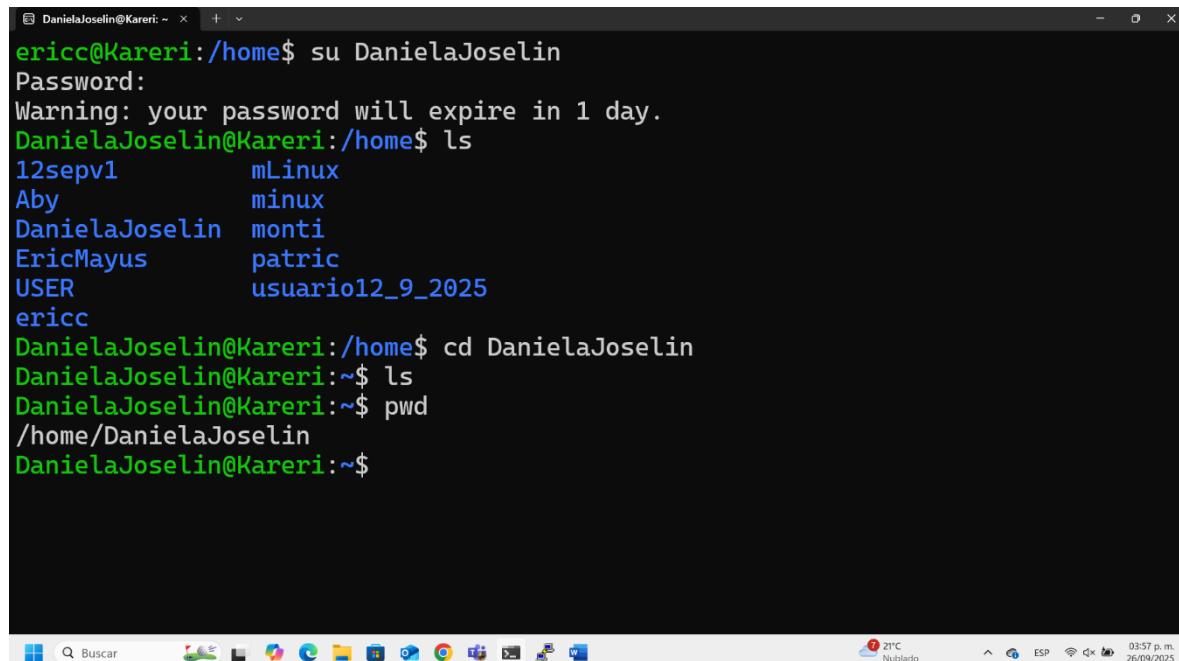


```
ericc@Karer:~$ sudo passwd DanielaJoselin
New password:
Retype new password:
passwd: password updated successfully
ericc@Karer:~$ |
```

## Examen S.O Eric Carmen Soto

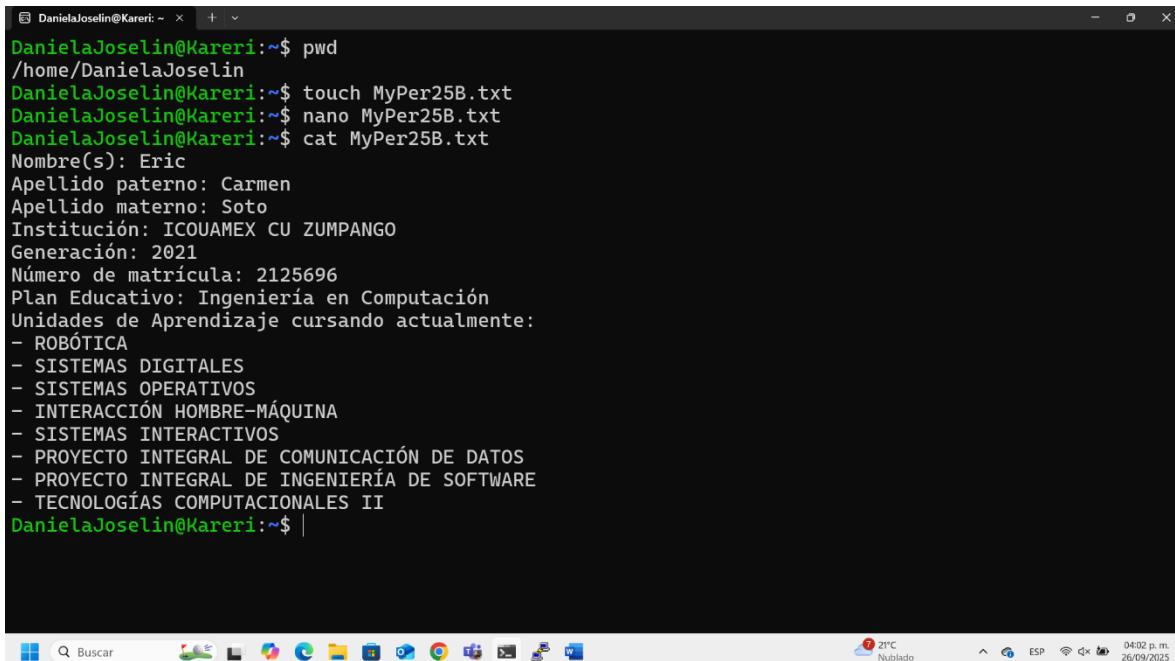
Ingrese al usuario creado

Ingrese a la ruta de documentos personales



```
DanielaJoselin@Karer: ~ + 
ericc@Karer:~/home$ su DanielaJoselin
Password:
Warning: your password will expire in 1 day.
DanielaJoselin@Karer:~/home$ ls
12sepv1      mLinux
Aby          minux
DanielaJoselin monti
EricMayus    patric
USER         usuario12_9_2025
ericc
DanielaJoselin@Karer:~/home$ cd DanielaJoselin
DanielaJoselin@Karer:~$ ls
DanielaJoselin@Karer:~$ pwd
/home/DanielaJoselin
DanielaJoselin@Karer:~$
```

Cree el archivo MyPer25B.txt, donde escriba su nombre(s), apellido paterno, apellido materno, ICOUAMEX CU ZUMPANGO, Generación, número de matrícula, Plan Educativo y las UA's de que cursa actualmente.



```
DanielaJoselin@Karer: ~ + 
DanielaJoselin@Karer:~$ pwd
/home/DanielaJoselin
DanielaJoselin@Karer:~$ touch MyPer25B.txt
DanielaJoselin@Karer:~$ nano MyPer25B.txt
DanielaJoselin@Karer:~$ cat MyPer25B.txt
Nombre(s): Eric
Apellido paterno: Carmen
Apellido materno: Soto
Institución: ICOUAMEX CU ZUMPANGO
Generación: 2021
Número de matrícula: 2125696
Plan Educativo: Ingeniería en Computación
Unidades de Aprendizaje cursando actualmente:
- ROBÓTICA
- SISTEMAS DIGITALES
- SISTEMAS OPERATIVOS
- INTERACCIÓN HOMBRE-MÁQUINA
- SISTEMAS INTERACTIVOS
- PROYECTO INTEGRAL DE COMUNICACIÓN DE DATOS
- PROYECTO INTEGRAL DE INGENIERÍA DE SOFTWARE
- TECNOLOGÍAS COMPUTACIONALES II
DanielaJoselin@Karer:~$ |
```

## Examen S.O Eric Carmen Soto

Cree un documento con nombre SisOpe25B.txt, el cual contenga una lista de por lo menos cinco de los temas vistos en clase

```
DanielaJoselin@Kareri:~$ ls
MyPer25B.txt
DanielaJoselin@Kareri:~$ touch SisOpe25B.txt
DanielaJoselin@Kareri:~$ nano SisOpe25B.txt
DanielaJoselin@Kareri:~$ ls -l
total 8
-rw-rw-r-- 1 DanielaJoselin DanielaJoselin 475 Sep 26 16:01 MyPer25B.txt
-rw-rw-r-- 1 DanielaJoselin DanielaJoselin 213 Sep 26 16:07 SisOpe25B.txt
DanielaJoselin@Kareri:~$ cat SisOpe25B.txt
Temas destacados de Sistemas Operativos – Grupo 25B

1. Administración de usuarios y grupos
2. Gestión de servicios con systemctl
3. Conexión SSH
4. Uso de UFW
5. Privilegios root y control de acceso
DanielaJoselin@Kareri:~$ |
```

Realice la concatenación de ambos archivos en el archivo SO25B.txt

```
DanielaJoselin@Kareri:~$ cat MyPer25B.txt SisOpe25B.txt > SO25B.txt
DanielaJoselin@Kareri:~$ cat SO25B.txt
Nombre(s): Eric
Apellido paterno: Carmen
Apellido materno: Soto
Institución: ICOUAMEX CU ZUMPANGO
Generación: 2021
Número de matrícula: 2125696
Plan Educativo: Ingeniería en Computación
Unidades de Aprendizaje cursando actualmente:
- ROBÓTICA
- SISTEMAS DIGITALES
- SISTEMAS OPERATIVOS
- INTERACCIÓN HOMBRE-MÁQUINA
- SISTEMAS INTERACTIVOS
- PROYECTO INTEGRAL DE COMUNICACIÓN DE DATOS
- PROYECTO INTEGRAL DE INGENIERÍA DE SOFTWARE
- TECNOLOGÍAS COMPUTACIONALES II
Temas destacados de Sistemas Operativos – Grupo 25B

1. Administración de usuarios y grupos
2. Gestión de servicios con systemctl
3. Conexión SSH
4. Uso de UFW
5. Privilegios root y control de acceso
DanielaJoselin@Kareri:~$ ls
MyPer25B.txt SO25B.txt SisOpe25B.txt
DanielaJoselin@Kareri:~$ |
```

# Examen S.O Eric Carmen Soto

Realice la concatenación de los tres archivos anteriores, en un orden diferente y envíelos a UltCon2025B.txt

```
DanielaJoselin@Karer: ~ + ~
DanielaJoselin@Karer:~$ cat 5025B.txt Sisope258.txt MyPer258.txt > UltCon2025B.txt
DanielaJoselin@Karer:~$ ls
5025B.txt  MyPer258.txt  Sisope258.txt  UltCon2025B.txt
DanielaJoselin@Karer:~$ cat UltCon2025B.txt
Nombre(s): Eric
Apellido paterno: Carmen
Apellido materno: Soto
Institución: IQUAMEX CU ZUMPANGO
Generación: 2021
Número de matrícula: 2125696
Plan Educativo: Ingeniería en Computación
Unidades de Aprendizaje cursando actualmente:
- ROBÓTICA
- SISTEMAS DIGITALES
- SISTEMAS OPERATIVOS
- INTERFAZ HOMBRE-MÁQUINA
- SISTEMAS INTERACTIVOS
- PROYECTO INTEGRAL DE COMUNICACIÓN DE DATOS
- PROYECTO INTEGRAL DE INGENIERÍA DE SOFTWARE
- TECNOLOGÍAS COMPUTACIONALES II
Temas destacados de Sistemas Operativos - Grupo 258
1. Administración de usuarios y grupos
2. Gestión de servicios con systemctl
3. Conexión SSH
4. Uso de UFW
5. Privilegios root y control de acceso
Temas destacados de Sistemas Operativos - Grupo 258
1. Administración de usuarios y grupos
2. Gestión de servicios con systemctl
3. Conexión SSH
4. Uso de UFW
5. Privilegios root y control de acceso
DanielaJoselin@Karer:~$ |
```

Conceda los permisos de root a tal usuario

```
ericc@Karer: /home ~ + ~
GNU nano 7.2 /etc/sudoers.tmp *
#Defaults:%sudo env_keep += "SSH_AGENT_PID SSH_AUTH_SOCK"
# Ditto for GPG agent
#Defaults:%sudo env_keep += "GPG_AGENT_INFO"

# Host alias specification
# User alias specification
# Cmnd alias specification

# User privilege specification
root    ALL=(ALL:ALL) ALL
#añadir usuario Daniela Joselin
DanielaJoselin  ALL=(ALL:ALL) ALL
# Members of the admin group may gain root privileges
%admin  ALL=(ALL:ALL) ALL

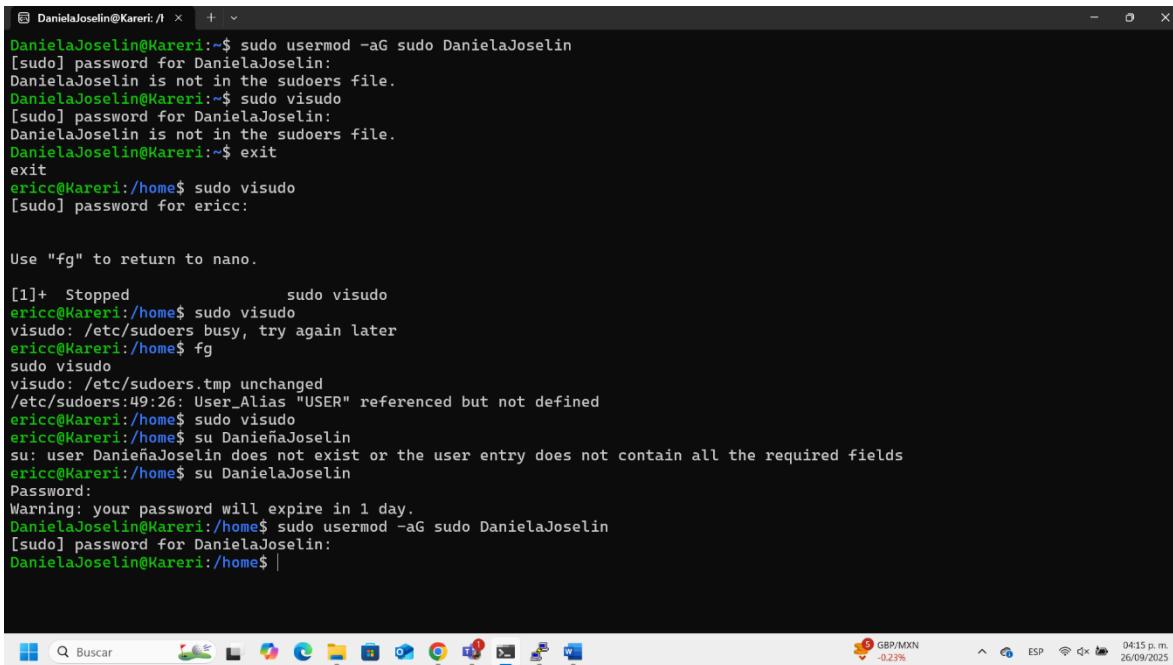
# Allow members of group sudo to execute any command
%sudo   ALL=(ALL:ALL) ALL

# See sudoers(5) for more information on "@include" directives:
@includedir /etc/sudoers.d

#Agregando insultos 18-Sep-2025 por Eric C.S
Defaults insults

Save modified buffer?
Y Yes
N No      ^C Cancel
```

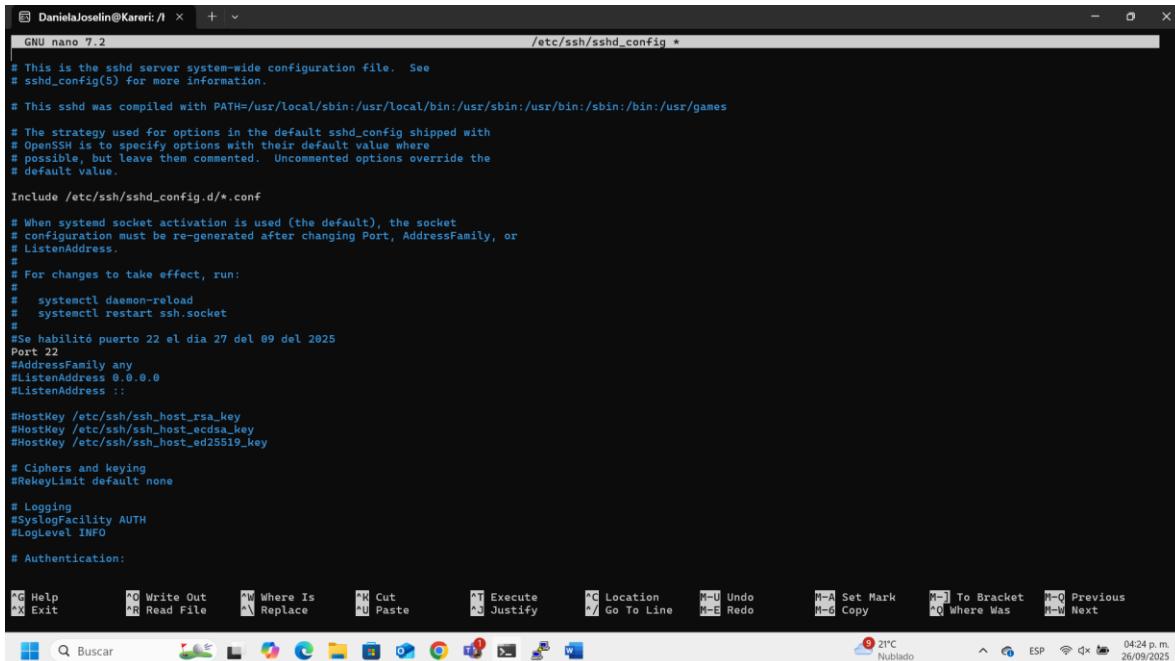
# Examen S.O Eric Carmen Soto



```
DanielaJoselin@Karerri:/ ~ + ~
DanielaJoselin@Karerri:~$ sudo usermod -aG sudo DanielaJoselin
[sudo] password for DanielaJoselin:
DanielaJoselin is not in the sudoers file.
DanielaJoselin@Karerri:~$ sudo visudo
[sudo] password for DanielaJoselin:
DanielaJoselin is not in the sudoers file.
DanielaJoselin@Karerri:~$ exit
exit
ericc@Karerri:/home$ sudo visudo
[sudo] password for ericc:
Use "fg" to return to nano.

[1]+ Stopped sudo visudo
ericc@Karerri:/home$ sudo visudo
visudo: /etc/sudoers busy, try again later
ericc@Karerri:/home$ fg
sudo visudo
visudo: /etc/sudoers.tmp unchanged
/etc/sudoers:49:26: User_Alias "USER" referenced but not defined
ericc@Karerri:/home$ sudo visudo
ericc@Karerri:/home$ su DanieñaJoselin
su: user DanieñaJoselin does not exist or the user entry does not contain all the required fields
ericc@Karerri:/home$ su DanielaJoselin
Password:
Warning: your password will expire in 1 day.
DanielaJoselin@Karerri:/home$ sudo usermod -aG sudo DanielaJoselin
[sudo] password for DanielaJoselin:
DanielaJoselin@Karerri:/home$ |
```

Conservando la configuración por default para SSH, muestre la configuración necesaria para conectarse vía SSH



```
GNU nano 7.2 /etc/ssh/sshd_config *
# This is the sshd server system-wide configuration file. See
# sshd_config(5) for more information.

# This sshd was compiled with PATH=/usr/local/sbin:/usr/local/bin:/usr/sbin:/usr/bin:/sbin:/bin:/usr/games

# The strategy used for options in the default sshd_config shipped with
# OpenSSH is to specify options with their default value where
# possible, but leave them commented. Uncommented options override the
# default value.

Include /etc/ssh/sshd_config.d/*.conf

# When systemd socket activation is used (the default), the socket
# configuration must be re-generated after changing Port, AddressFamily, or
# ListenAddress.
#
# For changes to take effect, run:
#   # systemctl daemon-reload
#   # systemctl restart ssh.socket
#
#Se habilitó puerto 22 el dia 27 del 09 del 2025
Port 22
#AddressFamily any
#ListenAddress 0.0.0.0
#ListenAddress ::

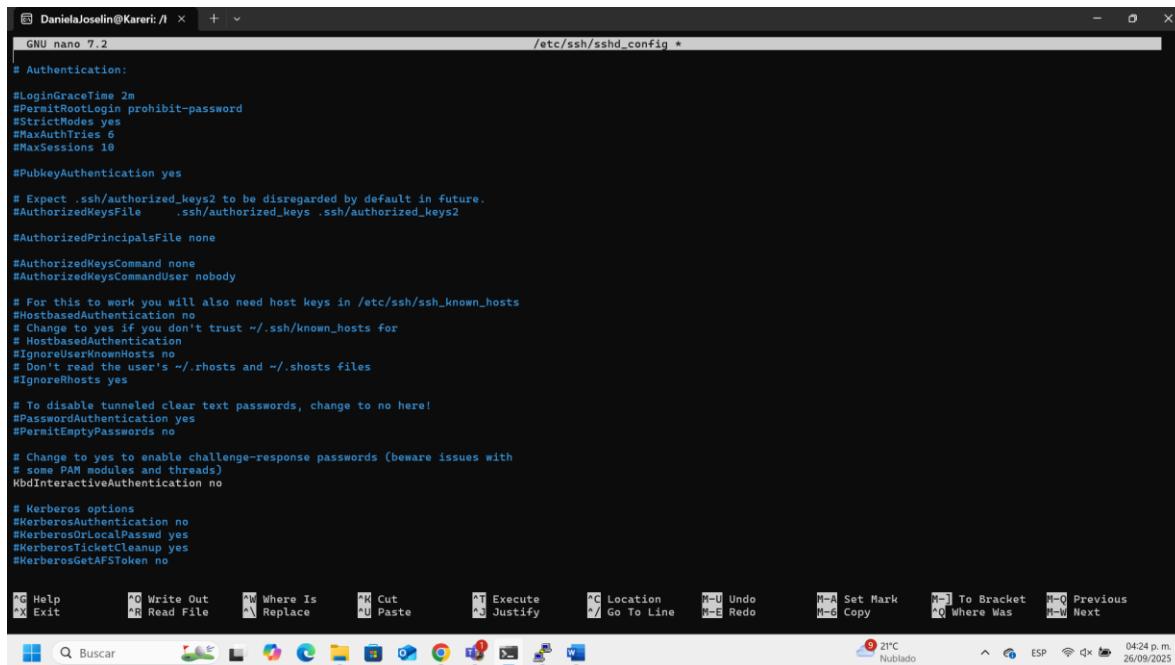
#HostKey /etc/ssh/ssh_host_rsa_key
#HostKey /etc/ssh/ssh_host_ecdsa_key
#HostKey /etc/ssh/ssh_host_ed25519_key

# Ciphers and keying
#RekeyLimit default none

# Logging
#syslogFacility AUTH
#LogLevel INFO

# Authentication:
```

# Examen S.O Eric Carmen Soto



```
Danielajosein@Karer: / ~ + ~
GNU nano 7.2                                     /etc/ssh/sshd_config *

# Authentication:
#LoginGraceTime 2m
#PermitRootLogin prohibit-password
#StrictModes yes
#MaxAuthTries 6
#MaxSessions 10
#PubkeyAuthentication yes

# Expect .ssh/authorized_keys2 to be disregarded by default in future.
#AuthorizedKeysFile      .ssh/authorized_keys .ssh/authorized_keys2
#AuthorizedPrincipalsFile none

#AuthorizedKeysCommand none
#AuthorizedKeysCommandUser nobody

# For this to work you will also need host keys in /etc/ssh/ssh_known_hosts
#HostbasedAuthentication no
# Change to yes if you don't trust ~/.ssh/known_hosts for
# HostbasedAuthentication
#IgnoreUserKnownHosts no
# Don't read the user's ~/.rhosts and ~/.shosts files
#IgnoreRhosts yes

# To disable tunneled clear text passwords, change to no here!
#PasswordAuthentication yes
#PermitEmptyPasswords no

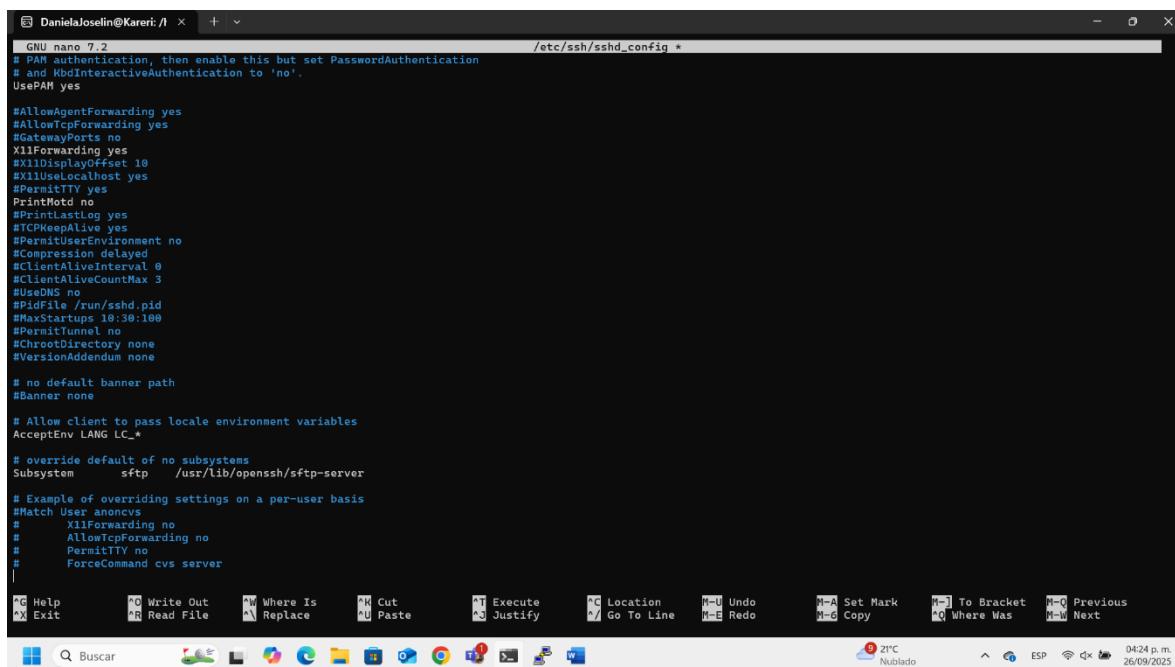
# Change to yes to enable challenge-response passwords (beware issues with
# some PAM modules and threads)
#KbdInteractiveAuthentication no

# Kerberos options
#KerberosAuthentication no
#KerberosOrLocalPasswd yes
#KerberosTicketCleanup yes
#KerberosGetAFSToken no

^G Help      ^O Write Out    ^W Where Is     ^K Cut          ^T Execute     ^C Location    M-U Undo
^X Exit      ^R Read File    ^W Replace     ^U Paste        ^J Justify     ^A Go To Line   M-E Redo
M-A Set Mark M-G Copy      M-J To Bracket M-Q Where Was M-W Previous
M-W Next

^G Help      ^O Write Out    ^W Where Is     ^K Cut          ^T Execute     ^C Location    M-U Undo
^X Exit      ^R Read File    ^W Replace     ^U Paste        ^J Justify     ^A Go To Line   M-E Redo
M-A Set Mark M-G Copy      M-J To Bracket M-Q Where Was M-W Previous
M-W Next

Windows Taskbar: Buscar, Start, Icons, 04:24 p.m., 26/09/2025
```



```
Danielajosein@Karer: / ~ + ~
GNU nano 7.2                                     /etc/ssh/sshd_config *

# PAM authentication, then enable this but set PasswordAuthentication
# and KbdInteractiveAuthentication to 'no'.
UsePAM yes

#AllowAgentForwarding yes
#AllowTcpForwarding yes
#GatewayPorts no
X11Forwarding yes
#X11DisplayOffset 10
#X11UseLocalhost yes
#PermitTTY yes
PrintMotd no
#PrintLastLog yes
#TCPKeepAlive yes
#PermitUserEnvironment no
#ClientAliveCountMax delayed
#ClientAliveInterval 0
#ClientAliveCountMax 3
#UseDNS no
#PidFile /run/sshd.pid
#MaxStartups 10:30:100
#PermitTunnel no
#ChrootDirectory none
#VersionAddendum none

# no default banner path
#Banner none

# Allow client to pass locale environment variables
AcceptEnv LANG LC_*

# override default of no subsystems
Subsystem      sftp      /usr/lib/openssh/sftp-server

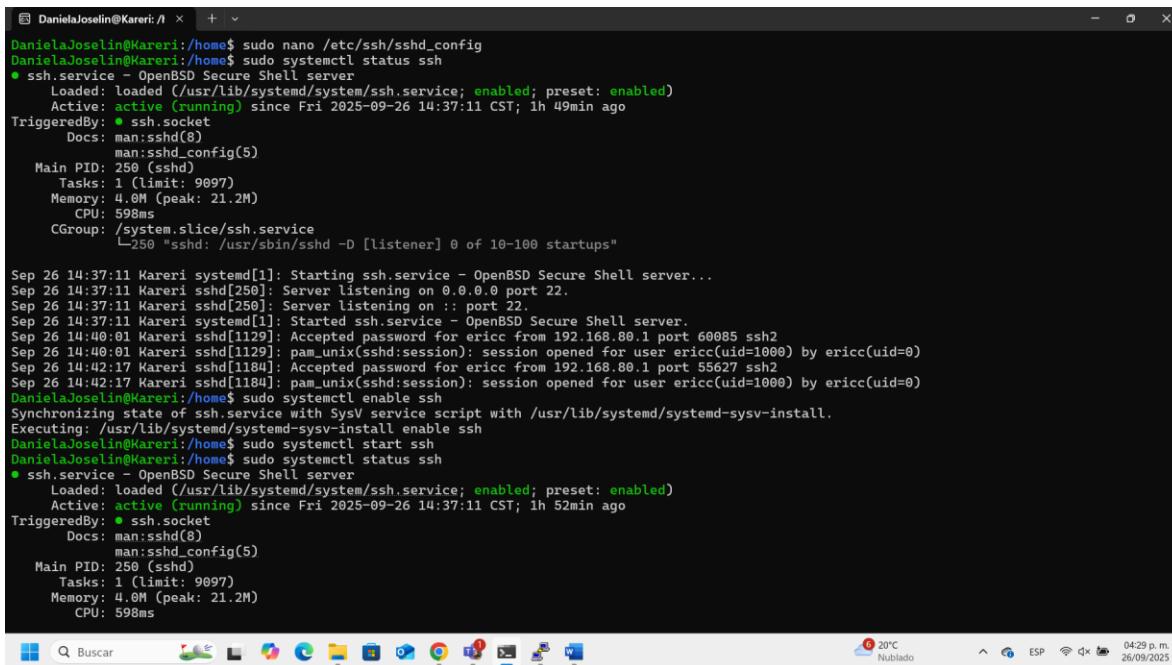
# Example of overriding settings on a per-user basis
#Match User anoncvs
# X11Forwarding no
# AllowTcpForwarding no
# PermitTTY no
# ForceCommand cvs server

^G Help      ^O Write Out    ^W Where Is     ^K Cut          ^T Execute     ^C Location    M-U Undo
^X Exit      ^R Read File    ^W Replace     ^U Paste        ^J Justify     ^A Go To Line   M-E Redo
M-A Set Mark M-G Copy      M-J To Bracket M-Q Where Was M-W Previous
M-W Next

^G Help      ^O Write Out    ^W Where Is     ^K Cut          ^T Execute     ^C Location    M-U Undo
^X Exit      ^R Read File    ^W Replace     ^U Paste        ^J Justify     ^A Go To Line   M-E Redo
M-A Set Mark M-G Copy      M-J To Bracket M-Q Where Was M-W Previous
M-W Next

Windows Taskbar: Buscar, Start, Icons, 04:24 p.m., 26/09/2025
```

## Examen S.O Eric Carmen Soto

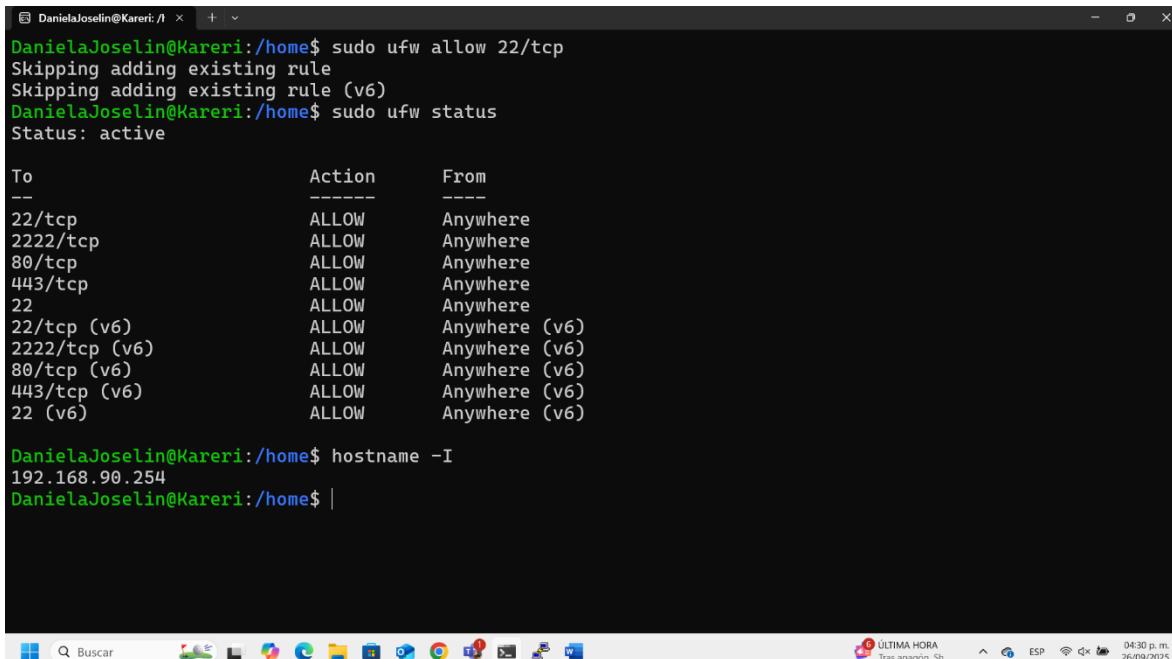


```
DanielaJoselin@Karer: /home$ sudo nano /etc/ssh/sshd_config
DanielaJoselin@Karer: /home$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
  Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
  Active: active (running) since Fri 2025-09-26 14:37:11 CST; 1h 49min ago
TriggeredBy: ● ssh.socket
    Docs: man:sshd(8)
          man:sshd_config(5)
  Main PID: 250 (sshd)
    Tasks: 1 (limit: 9097)
   Memory: 4.0M (peak: 21.2M)
     CPU: 598ms
   CGroup: /system.slice/ssh.service
           └─250 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

Sep 26 14:37:11 Karer systemd[1]: Starting ssh.service - OpenBSD Secure Shell server...
Sep 26 14:37:11 Karer sshd[250]: Server listening on 0.0.0.0 port 22.
Sep 26 14:37:11 Karer sshd[250]: Server listening on :: port 22.
Sep 26 14:37:11 Karer systemd[1]: Started ssh.service - OpenBSD Secure Shell server.
Sep 26 14:40:01 Karer sshd[1129]: Accepted password for ericc from 192.168.80.1 port 60085 ssh2
Sep 26 14:40:01 Karer sshd[1129]: pam_unix(sshd:session): session opened for user ericc(uid=1000) by ericc(uid=0)
Sep 26 14:42:17 Karer sshd[1184]: Accepted password for ericc from 192.168.80.1 port 55627 ssh2
Sep 26 14:42:17 Karer sshd[1184]: pam_unix(sshd:session): session opened for user ericc(uid=1000) by ericc(uid=0)
DanielaJoselin@Karer: /home$ sudo systemctl enable ssh
Synchronizing state of ssh.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable ssh
DanielaJoselin@Karer: /home$ sudo systemctl start ssh
DanielaJoselin@Karer: /home$ sudo systemctl status ssh
● ssh.service - OpenBSD Secure Shell server
  Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
  Active: active (running) since Fri 2025-09-26 14:37:11 CST; 1h 52min ago
TriggeredBy: ● ssh.socket
    Docs: man:sshd(8)
          man:sshd_config(5)
  Main PID: 250 (sshd)
    Tasks: 1 (limit: 9097)
   Memory: 4.0M (peak: 21.2M)
     CPU: 598ms

20°C
Nublado
04:29 p.m.
26/09/2025
```

Conéctese desde el cliente SSH a su distro Linux con la cuenta y password del usuario al que concedió permisos de root.



```
DanielaJoselin@Karer: /home$ sudo ufw allow 22/tcp
Skipping adding existing rule
Skipping adding existing rule (v6)
DanielaJoselin@Karer: /home$ sudo ufw status
Status: active

To                         Action      From
--                         --         --
22/tcp                      ALLOW      Anywhere
2222/tcp                   ALLOW      Anywhere
80/tcp                      ALLOW      Anywhere
443/tcp                     ALLOW      Anywhere
22                         ALLOW      Anywhere
22/tcp (v6)                 ALLOW      Anywhere (v6)
2222/tcp (v6)               ALLOW      Anywhere (v6)
80/tcp (v6)                 ALLOW      Anywhere (v6)
443/tcp (v6)                ALLOW      Anywhere (v6)
22 (v6)                     ALLOW      Anywhere (v6)

DanielaJoselin@Karer: /home$ hostname -I
192.168.90.254
DanielaJoselin@Karer: /home$ |
```

## Examen S.O Eric Carmen Soto

DanielaJoselin@Karerri:/home\$ sudo ufw allow 22/tcp  
Skipping adding existing rule  
Skipping adding existing rule (v6)  
DanielaJoselin@Karerri:/home\$ sudo ufw status  
Status: active

To	Action
--	---
22/tcp	ALLOW
2222/tcp	ALLOW
80/tcp	ALLOW
443/tcp	ALLOW
22	ALLOW
22/tcp (v6)	ALLOW
2222/tcp (v6)	ALLOW
80/tcp (v6)	ALLOW
443/tcp (v6)	ALLOW
22 (v6)	ALLOW

DanielaJoselin@Karerri:/home\$ hostname  
192.168.90.254  
DanielaJoselin@Karerri:/home\$

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled "DanielaJoselin@Karerri:/home". It displays several commands related to the Uncomplicated Firewall (UFW) and the host's IP address. Overlaid on the terminal is a "PuTTY Configuration" dialog box. The "Sessions" tab is selected, showing the connection details: Host Name (or IP address) set to "192.168.90.254" and Port set to "22". The "Connection type" is set to "SSH". The "Save Sessions" section contains "Default Settings" with "Load", "Save", and "Delete" buttons. At the bottom of the PuTTY dialog are "About", "Help", "Open", and "Cancel" buttons. The taskbar at the bottom of the screen shows various pinned icons, and the system tray indicates battery level at -0.23% and the date/time as 04:31 p.m. on 26/09/2025.

DanielaJoselin@Karerri:/home\$ sudo ufw allow 22/tcp  
Skipping adding existing rule  
Skipping adding existing rule (v6)  
DanielaJoselin@Karerri:/home\$ sudo ufw status  
Status: active

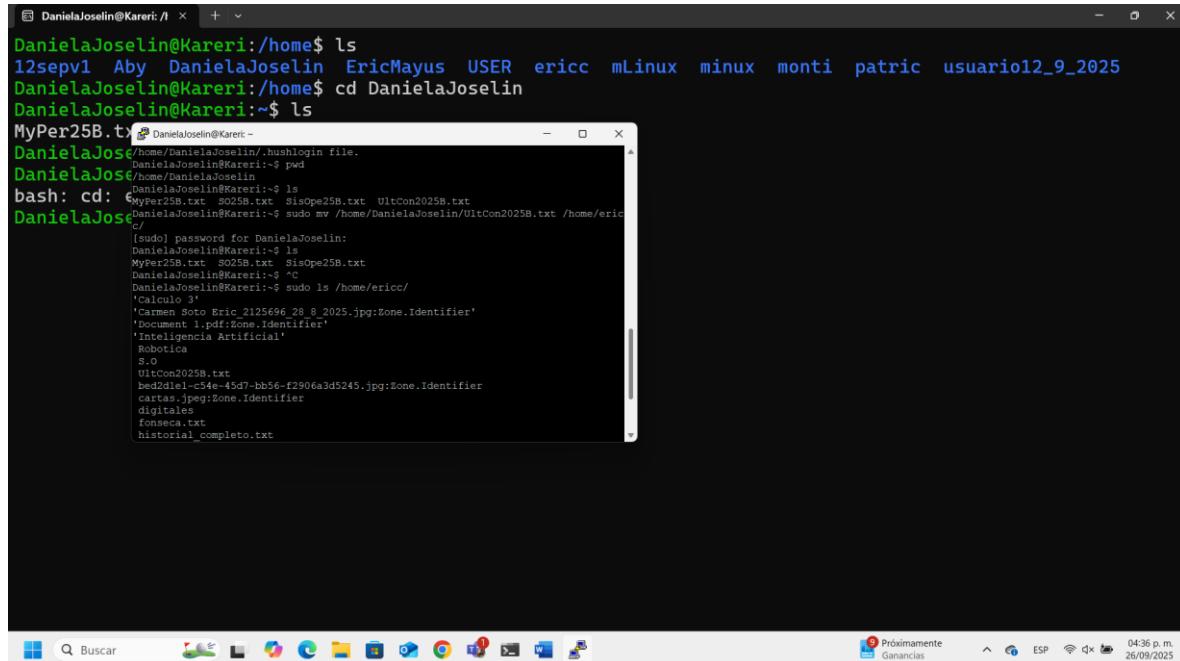
To  
--  
22/tcp  
2222/tcp  
80/tcp  
443/tcp  
22  
22/tcp (v6)  
2222/tcp (v6)  
80/tcp (v6)  
443/tcp (v6)  
22 (v6)

DanielaJoselin@Karerri:/home\$ login as: DanielaJoselin  
[password] Last login: Fri Sep 26 16:31:25 CST 2025 on pts/0  
[password] Pre-authentication banner message from server:  
[password] Warning: your password will expire in 1 day.  
[password] End of banner message from server  
Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.6.87.2-microsoft-standard-WSL2 x86\_64 )  
\* Documentation: https://help.ubuntu.com  
\* Management: https://landscape.canonical.com  
\* Support: https://ubuntu.com/pro  
22 System information as of Fri Sep 26 16:31:25 CST 2025  
22/22/tcp (v6) System load: 0.14 Processes: 35  
Usage of /: 0.4% of 1006.05GB Users logged in: 1  
80/tcp (v6) Memory usage: 10% IPv4 address for eth0: 192.168.90.254  
443/tcp (v6) Swap usage: 0%  
22 (v6) \* Strictly confined Kubernetes makes edge and IoT secure. Learn how MicroK8s just raised the bar for easy, resilient and secure K8s cluster deployment.  
http://ubuntu.com/engage/secure-kubernetes-at-the-edge  
DanielaJoselin@Karerri:/home\$ hostname -I  
192.168.90.254  
DanielaJoselin@Karerri:/home\$

The screenshot shows a Windows desktop environment. In the foreground, there is a terminal window titled "DanielaJoselin@Karerri:/home". It displays several commands related to the Uncomplicated Firewall (UFW) and the host's IP address. The terminal also shows a large amount of system information, including the user's login details, the version of Ubuntu, and various system statistics like memory and swap usage. The taskbar at the bottom of the screen shows various pinned icons, and the system tray indicates battery level at -0.23% and the date/time as 04:31 p.m. on 26/09/2025.

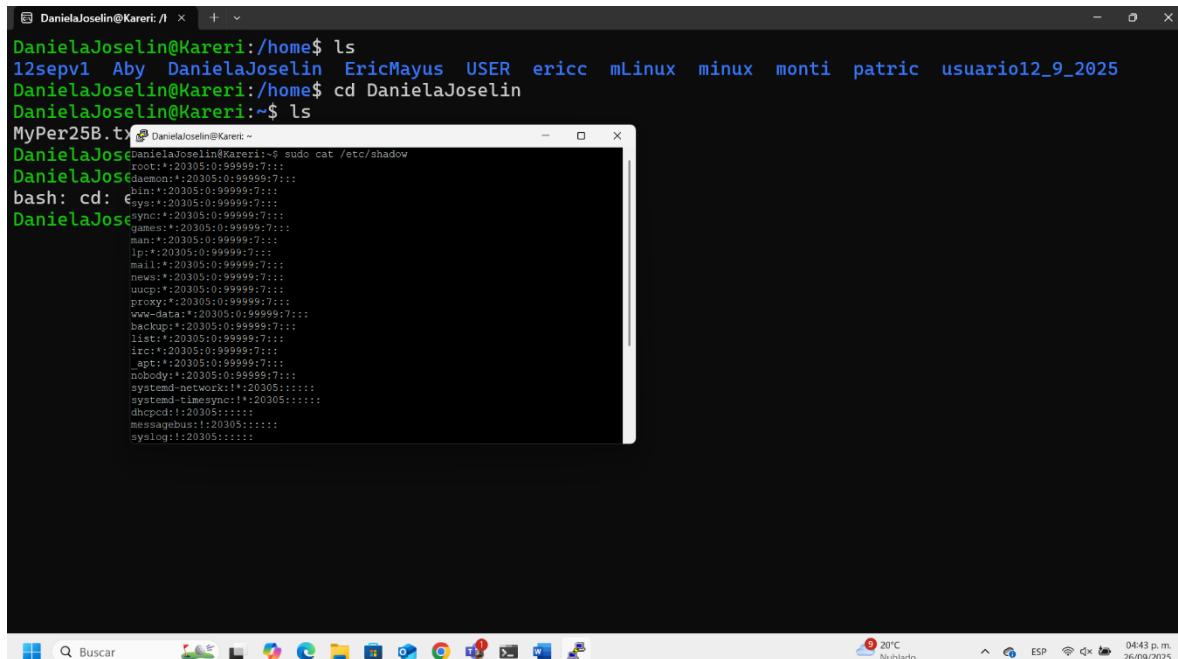
## Examen S.O Eric Carmen Soto

Conectado desde el cliente mueva el archivo UltCon2025B.txt desde el directorio del usuario al directorio home del administrador del SO



```
DanielaJoselin@Karer: /home$ ls
12sepv1 Aby DanielaJoselin EricMayus USER ericc mLinux minux monti patric usuario12_9_2025
DanielaJoselin@Karer: /home$ cd DanielaJoselin
DanielaJoselin@Karer: ~$ ls
MyPer25B.txt
DanielaJoselin@Karer: /home/DanielaJoselin/.hushlogin file.
DanielaJoselin@Karer: ~$ pwd
/home/DanielaJoselin
DanielaJoselin@Karer: ~$ ls
MyPer25B.txt SO25B.txt Sisope25B.txt UltCon2025B.txt
DanielaJoselin@Karer: ~$ sudo mv /home/DanielaJoselin/UltCon2025B.txt /home/eric/
DanielaJoselin@Karer: ~$ ls
[sudo] password for DanielaJoselin:
DanielaJoselin@Karer: ~$ ls
MyPer25B.txt SO25B.txt Sisope25B.txt
DanielaJoselin@Karer: ~$ c
DanielaJoselin@Karer: ~$ sudo ls /home/eric/
'Calculo 3'
'Caracteres Eric 2105696_28_8_2025.jpg:Zone.Identifier'
'Comment 1.pdf:Zone.Identifier'
'Inteligencia Artificial'
'Robotica'
'S.O'
UltCon2025B.txt
bed2diel-c54e-45d7-bb56-f2906a3d5245.jpg:Zone.Identifier
cartas.jpeg:Zone.Identifier
digitales
fonseca.txt
historial_completo.txt
```

Ejecute tres diferentes comandos empleados en sus asistencias y cierre su conexión SSH desde el cliente



```
DanielaJoselin@Karer: /home$ ls
12sepv1 Aby DanielaJoselin EricMayus USER ericc mLinux minux monti patric usuario12_9_2025
DanielaJoselin@Karer: /home$ cd DanielaJoselin
DanielaJoselin@Karer: ~$ ls
MyPer25B.txt
DanielaJoselin@Karer: ~$ sudo cat /etc/shadow
root::20305:0:99999:7:::
daemon::20305:0:99999:7:::
bin::20305:0:99999:7:::
sys::20305:0:99999:7:::
sync::20305:0:99999:7:::
www-data::20305:0:99999:7:::
mail::20305:0:99999:7:::
lp::20305:0:99999:7:::
mail::20305:0:99999:7:::
news::20305:0:99999:7:::
uucp::20305:0:99999:7:::
proxy::20305:0:99999:7:::
www-data::20305:0:99999:7:::
mail::20305:0:99999:7:::
list::20305:0:99999:7:::
irc::20305:0:99999:7:::
_apt::20305:0:99999:7:::
nobody::20305:0:99999:7:::
systemd-network::!20305:::::
systemd-timesync::!20305:::::
dhcpcd::20305:::::
meson-build::20305:::::
syslog::!20305:::::
```

## Examen S.O Eric Carmen Soto

```
DanielaJoselin@Karer: /ls
12sepv1 Aby DanielaJoselin EricMayus USER ericc mLinux minux monti patric usuario12_9_2025
DanielaJoselin@Karer:/home$ cd DanielaJoselin
DanielaJoselin@Karer:~$ ls
MyPer25B.txt
DanielaJoselin@Karer:~$ sudo chage -l DanielaJoselin
DanielaJoselin@Karer:~$ Last password change : Sep 26, 2025
DanielaJoselin@Karer:~$ Password expires : Sep 27, 2025
DanielaJoselin@Karer:~$ Account expires : never
DanielaJoselin@Karer:~$ Minimum number of days between password change : 0
DanielaJoselin@Karer:~$ Maximum number of days between password change : 7
DanielaJoselin@Karer:~$ Number of days of warning before password expires : 7
DanielaJoselin@Karer:~$
```

```
DanielaJoselin@Karer: /ls
12sepv1 Aby DanielaJoselin EricMayus USER ericc mLinux minux monti patric usuario12_9_2025
DanielaJoselin@Karer:/home$ cd DanielaJoselin
DanielaJoselin@Karer:~$ ls
MyPer25B.txt
DanielaJoselin@Karer:~$ sudo groupadd ejemplol
DanielaJoselin@Karer:~$ getent group ejemplol
ejemplo:x:1015:
DanielaJoselin@Karer:~$ bash: cd: ~: No such file or directory
DanielaJoselin@Karer:~$
```

## Examen S.O Eric Carmen Soto

DanielaJoselin@Karerri:/ ~

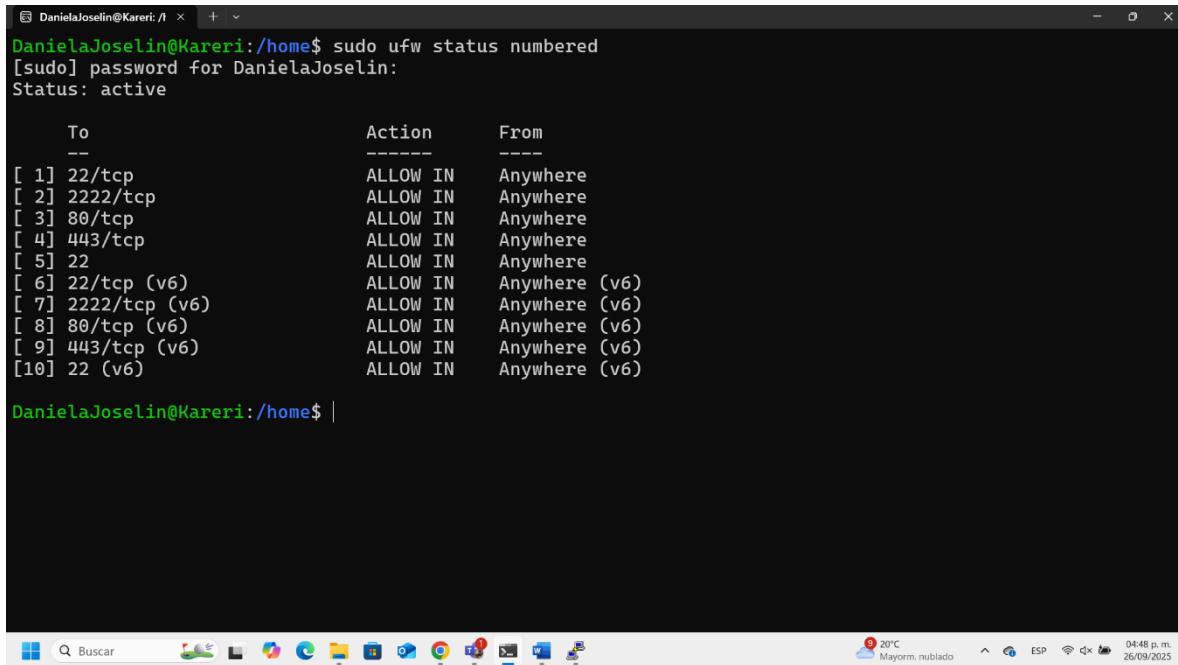
```
[sudo] password for DanielaJoselin:
[1] 1234567890
[2] 1234567890
[3] 1234567890
[4] 1234567890
[5] 1234567890
[6] 1234567890
[7] 1234567890
[8] 1234567890
[9] 1234567890
[10] 1234567890
```

DanielaJoselin@Karerri:/home\$ hostname -I  
192.168.90.254  
DanielaJoselin@Karerri:/home\$

The screenshot shows a terminal window titled "DanielaJoselin@Karerri:/ ~". Inside the terminal, there is a stack trace or error log with multiple entries of the word "ere" followed by "(v6)". Below this, the command "hostname -I" is run, showing the IP address "192.168.90.254". The terminal prompt "DanielaJoselin@Karerri:/home\$" appears at the end. The desktop environment's taskbar is visible at the bottom, featuring various application icons like a search bar, file manager, and browser. A weather widget on the right shows "20°C" and "Mayorm. nublado". The date and time "26/09/2025 04:51 p. m." are also displayed.

## Examen S.O Eric Carmen Soto

Muestre la lista de reglas que tiene configurado en UFW.

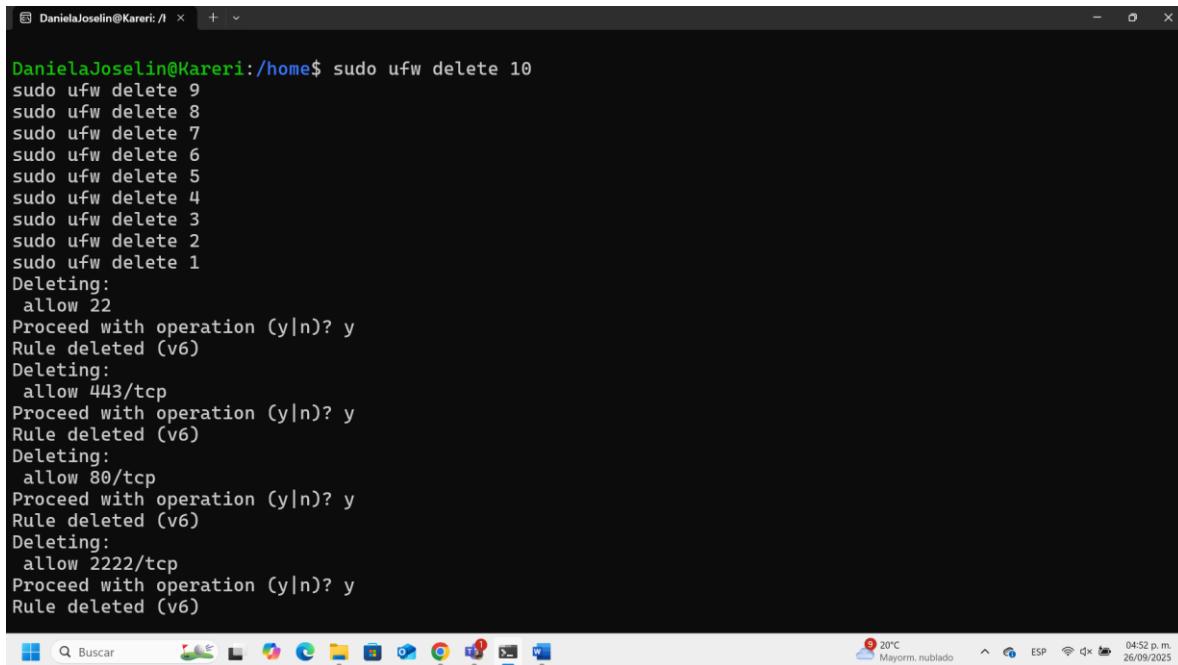


```
DanielaJoselin@Karerri:/home$ sudo ufw status numbered
[sudo] password for DanielaJoselin:
Status: active

To                         Action      From
--                         --          --
[ 1] 22/tcp                  ALLOW IN   Anywhere
[ 2] 2222/tcp                ALLOW IN   Anywhere
[ 3] 80/tcp                  ALLOW IN   Anywhere
[ 4] 443/tcp                 ALLOW IN   Anywhere
[ 5] 22
[ 6] 22/tcp (v6)             ALLOW IN   Anywhere (v6)
[ 7] 2222/tcp (v6)           ALLOW IN   Anywhere (v6)
[ 8] 80/tcp (v6)              ALLOW IN   Anywhere (v6)
[ 9] 443/tcp (v6)             ALLOW IN   Anywhere (v6)
[10] 22 (v6)                 ALLOW IN   Anywhere (v6)

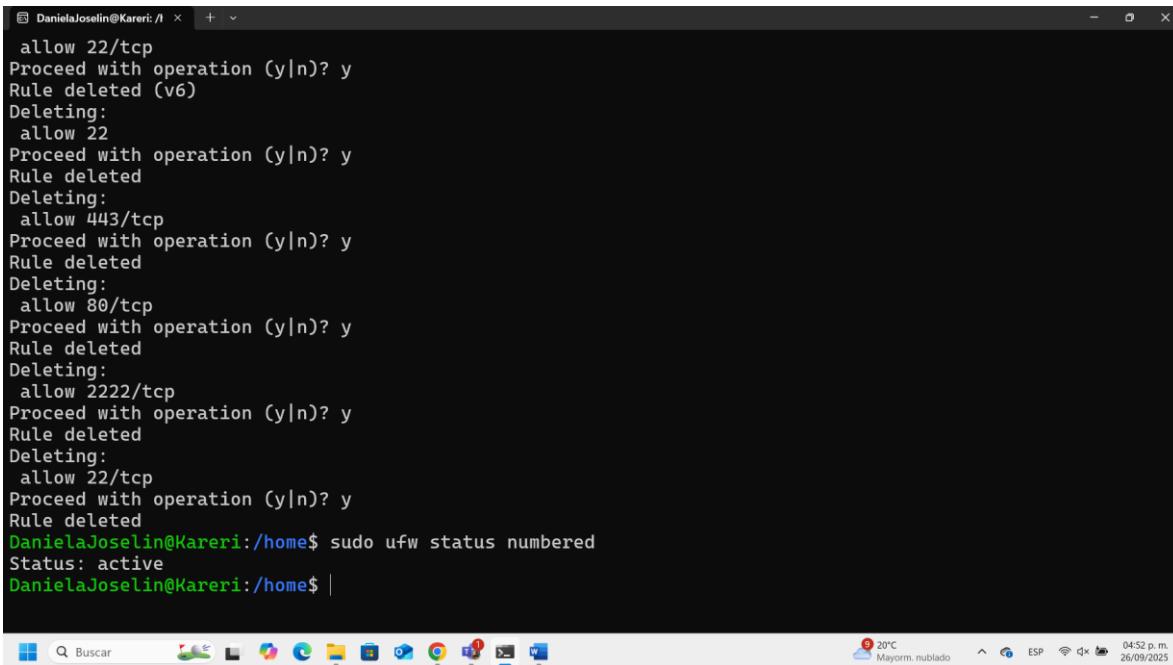
DanielaJoselin@Karerri:/home$ |
```

Borre todas las reglas que tiene configuradas en UFW



```
DanielaJoselin@Karerri:/home$ sudo ufw delete 10
sudo ufw delete 9
sudo ufw delete 8
sudo ufw delete 7
sudo ufw delete 6
sudo ufw delete 5
sudo ufw delete 4
sudo ufw delete 3
sudo ufw delete 2
sudo ufw delete 1
Deleting:
 allow 22
Proceed with operation (y|n)? y
Rule deleted (v6)
Deleting:
 allow 443/tcp
Proceed with operation (y|n)? y
Rule deleted (v6)
Deleting:
 allow 80/tcp
Proceed with operation (y|n)? y
Rule deleted (v6)
Deleting:
 allow 2222/tcp
Proceed with operation (y|n)? y
Rule deleted (v6)
```

## Examen S.O Eric Carmen Soto

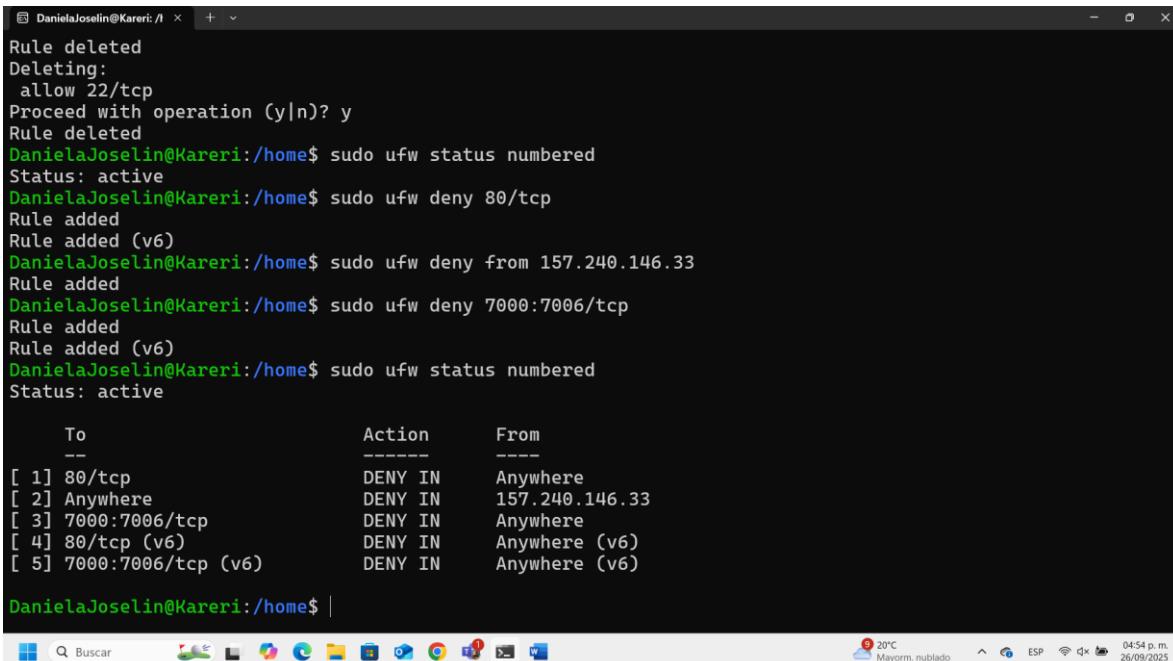


```
DanielaJoselin@Karerri:/ / + ~
allow 22/tcp
Proceed with operation (y|n)? y
Rule deleted (v6)
Deleting:
allow 22
Proceed with operation (y|n)? y
Rule deleted
Deleting:
allow 443/tcp
Proceed with operation (y|n)? y
Rule deleted
Deleting:
allow 80/tcp
Proceed with operation (y|n)? y
Rule deleted
Deleting:
allow 2222/tcp
Proceed with operation (y|n)? y
Rule deleted
DanielaJoselin@Karerri:/home$ sudo ufw status numbered
Status: active
DanielaJoselin@Karerri:/home$ |
```

Agregue una regla para denegar el puerto 80

Busque e identifique la ip para el sitio INSTAGRAM y deniegue el acceso a esta dirección

Cree una nueva regla donde deniegue los intervalos de 7000-7006



```
Rule deleted
Deleting:
allow 22/tcp
Proceed with operation (y|n)? y
Rule deleted
DanielaJoselin@Karerri:/home$ sudo ufw status numbered
Status: active
DanielaJoselin@Karerri:/home$ sudo ufw deny 80/tcp
Rule added
Rule added (v6)
DanielaJoselin@Karerri:/home$ sudo ufw deny from 157.240.146.33
Rule added
DanielaJoselin@Karerri:/home$ sudo ufw deny 7000:7006/tcp
Rule added
Rule added (v6)
DanielaJoselin@Karerri:/home$ sudo ufw status numbered
Status: active

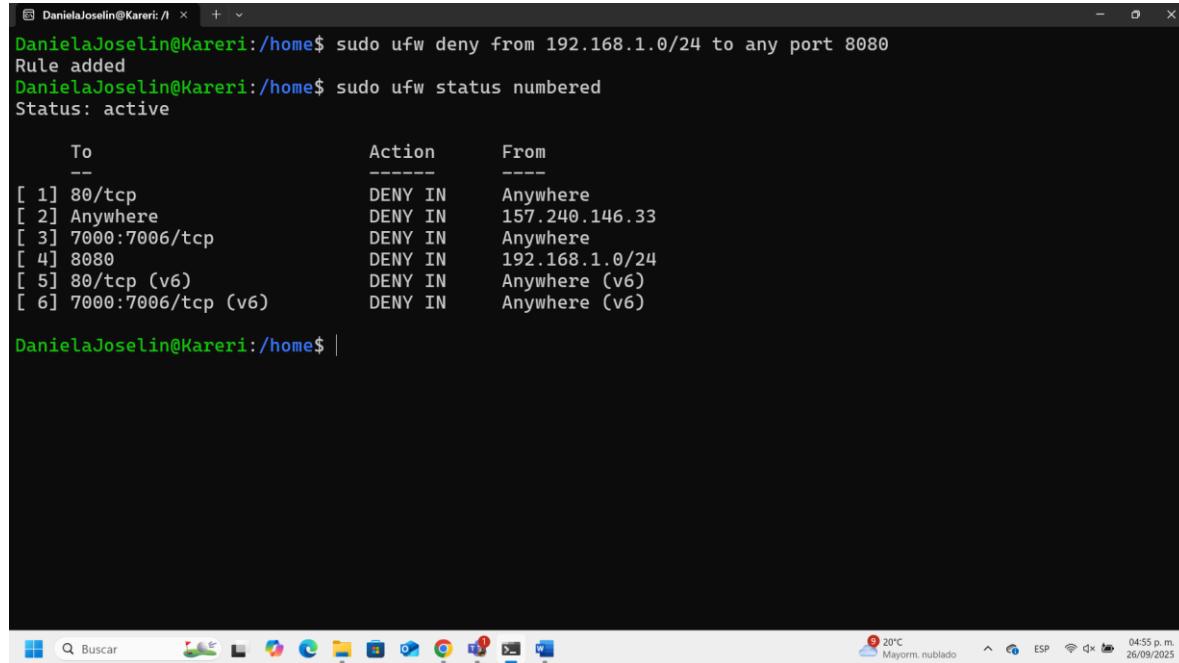
To           Action      From
--           -----      ---
[ 1] 80/tcp    DENY IN    Anywhere
[ 2] Anywhere   DENY IN    157.240.146.33
[ 3] 7000:7006/tcp DENY IN    Anywhere
[ 4] 80/tcp (v6) DENY IN    Anywhere (v6)
[ 5] 7000:7006/tcp (v6) DENY IN    Anywhere (v6)

DanielaJoselin@Karerri:/home$ |
```

## Examen S.O Eric Carmen Soto

Cree una regla que deniegue la conexión a la subred de direcciones de la IP 192.168.1.0 a la 192.168.1.255 al puerto 8080

Liste las reglas que ha creado y verifique que cuenta con todas y cada una de las anteriormente mencionadas



DanielaJoselin@Karer:~/home\$ sudo ufw deny from 192.168.1.0/24 to any port 8080  
Rule added  
DanielaJoselin@Karer:~/home\$ sudo ufw status numbered  
Status: active

To	Action	From
--	-----	-----
[ 1] 80/tcp	DENY IN	Anywhere
[ 2] Anywhere	DENY IN	157.240.146.33
[ 3] 7000:7006/tcp	DENY IN	Anywhere
[ 4] 8080	DENY IN	192.168.1.0/24
[ 5] 80/tcp (v6)	DENY IN	Anywhere (v6)
[ 6] 7000:7006/tcp (v6)	DENY IN	Anywhere (v6)

DanielaJoselin@Karer:~/home\$ |

The screenshot shows a terminal window titled "DanielaJoselin@Karer:~/home\$". The user runs two commands: "sudo ufw deny from 192.168.1.0/24 to any port 8080" which adds a rule, and "sudo ufw status numbered" which lists all current rules. The rules listed include deny actions for ports 80, 8080, and ranges 7000-7006 on both IPv4 and IPv6. The terminal is part of a desktop environment with a taskbar at the bottom showing various application icons and system status.

Empleando el usuario creado con permisos root, muestre la lista de todos los daemos en su distro Linux

## Examen S.O Eric Carmen Soto

```
DanielaJoselin@Karer: /home$ sudo systemctl list-units --type=service --state=running
UNIT           LOAD   ACTIVE SUB   DESCRIPTION
console-getty.service    loaded active running Console Getty
cron.service          loaded active running Regular background program processing daemon
dbus.service          loaded active running D-Bus System Message Bus
getty@tty1.service     loaded active running Getty on tty1
mysql.service          loaded active running MySQL Community Server
polkit.service         loaded active running Authorization Manager
rsyslog.service        loaded active running System Logging Service
ssh.service            loaded active running OpenBSD Secure Shell server
systemd-journald.service loaded active running Journal Service
systemd-logind.service loaded active running User Login Management
systemd-resolved.service loaded active running Network Name Resolution
systemd-timesyncd.service loaded active running Network Time Synchronization
systemd-udevd.service   loaded active running Rule-based Manager for Device Events and Files
unattended-upgrades.service loaded active running Unattended Upgrades Shutdown
user@1000.service      loaded active running User Manager for UID 1000
user@1001.service      loaded active running User Manager for UID 1001
wsl-pro.service        loaded active running Bridge to Ubuntu Pro agent on Windows

Legend: LOAD → Reflects whether the unit definition was properly loaded.
        ACTIVE → The high-level unit activation state, i.e. generalization of SUB.
        SUB   → The low-level unit activation state, values depend on unit type.

17 loaded units listed.
DanielaJoselin@Karer: /home$ |
```

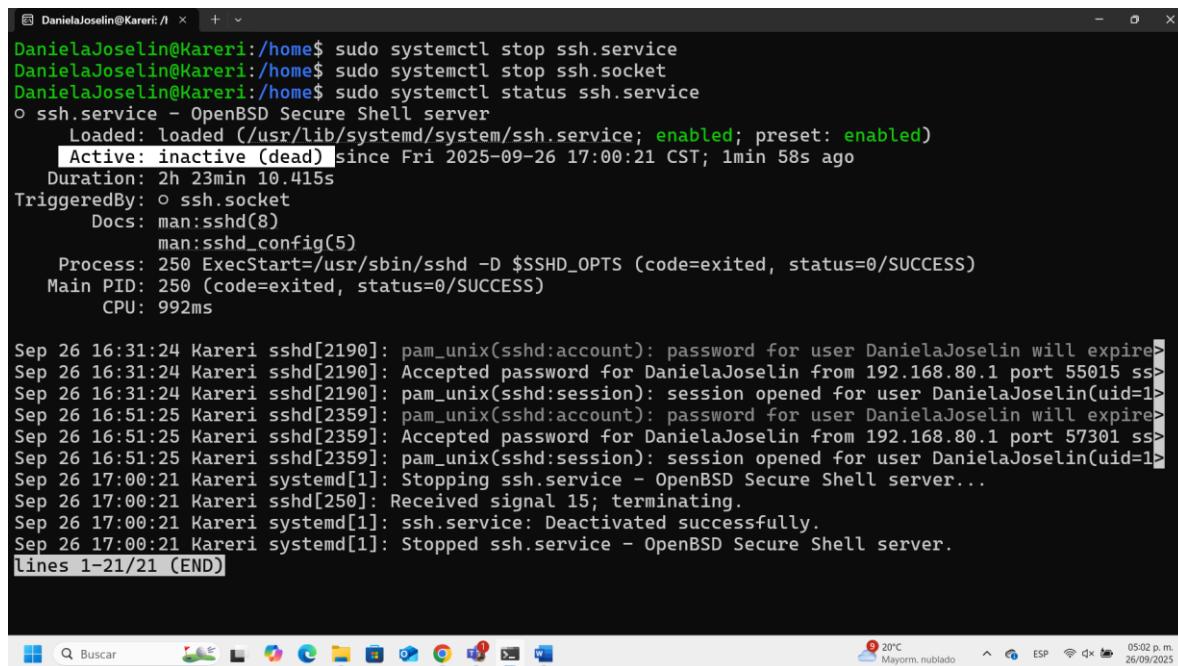
Liste los servicios que tienen el estado active

```
DanielaJoselin@Karer: /home$ sudo systemctl list-units --type=service --state=active
UNIT           LOAD   ACTIVE SUB   DESCRIPTION
console-getty.service    loaded active running Console Getty
console-setup.service    loaded active exited Set console font and keymap
cron.service          loaded active running Regular background program processing
dbus.service          loaded active running D-Bus System Message Bus
getty@tty1.service     loaded active running Getty on tty1
keyboard-setup.service loaded active exited Set the console keyboard layout
kmod-static-nodes.service loaded active exited Create List of Static Device Nodes
mysql.service          loaded active running MySQL Community Server
polkit.service         loaded active running Authorization Manager
rsyslog.service        loaded active running System Logging Service
setvtrgb.service       loaded active exited Set console scheme
snapd.seeded.service   loaded active exited Wait until snapd is fully seeded
ssh.service            loaded active running OpenBSD Secure Shell server
systemd-binfmt.service loaded active exited Set Up Additional Binary Formats
systemd-journal-flush.service loaded active exited Flush Journal to Persistent Storage
systemd-journald.service loaded active running Journal Service
systemd-logind.service loaded active running User Login Management
systemd-modules-load.service loaded active exited Load Kernel Modules
systemd-remount-fs.service loaded active exited Remount Root and Kernel File Systems
systemd-resolved.service loaded active running Network Name Resolution
systemd-sysctl.service  loaded active exited Apply Kernel Variables
systemd-timesyncd.service loaded active running Network Time Synchronization
systemd-tmpfiles-setup-dev-early.service loaded active exited Create Static Device Nodes in /dev
systemd-tmpfiles-setup-dev.service   loaded active exited Create Static Device Nodes in /dev
systemd-tmpfiles-setup.service    loaded active exited Create Volatile Files and Directories
```

## Examen S.O Eric Carmen Soto

Detenga el servicio ssh

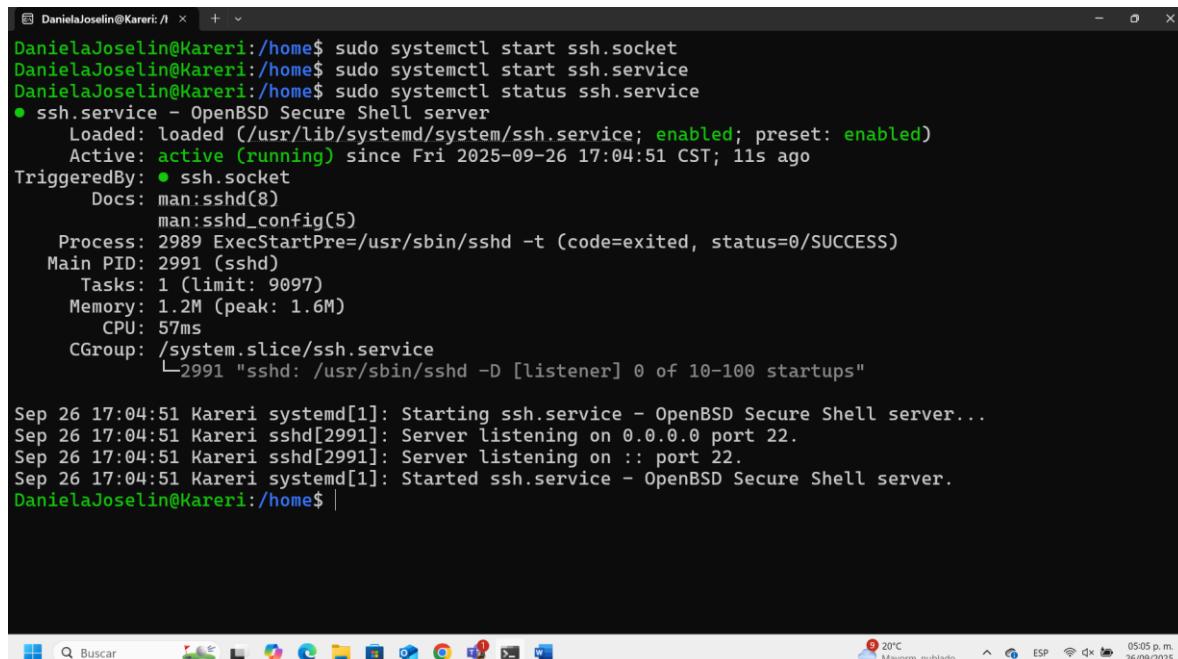
Verifiqué el status del servicio ssh



```
DanielaJoselin@Karer: /home$ sudo systemctl stop ssh.service
DanielaJoselin@Karer: /home$ sudo systemctl stop ssh.socket
DanielaJoselin@Karer: /home$ sudo systemctl status ssh.service
● ssh.service - OpenBSD Secure Shell server
    Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
      Active: inactive (dead) since Fri 2025-09-26 17:00:21 CST; 1min 58s ago
        Duration: 2h 23min 10.415s
    TriggeredBy: ● ssh.socket
      Docs: man:sshd(8)
            man:sshd_config(5)
    Process: 250 ExecStart=/usr/sbin/sshd -D $SSH_OPTS (code=exited, status=0/SUCCESS)
   Main PID: 250 (code=exited, status=0/SUCCESS)
     CPU: 992ms

Sep 26 16:31:24 Kareri sshd[2190]: pam_unix(sshd:account): password for user DanielaJoselin will expire>
Sep 26 16:31:24 Kareri sshd[2190]: Accepted password for DanielaJoselin from 192.168.80.1 port 55015 ss>
Sep 26 16:31:24 Kareri sshd[2190]: pam_unix(sshd:session): session opened for user DanielaJoselin(uid=1)>
Sep 26 16:51:25 Kareri sshd[2359]: pam_unix(sshd:account): password for user DanielaJoselin will expire>
Sep 26 16:51:25 Kareri sshd[2359]: Accepted password for DanielaJoselin from 192.168.80.1 port 57301 ss>
Sep 26 16:51:25 Kareri sshd[2359]: pam_unix(sshd:session): session opened for user DanielaJoselin(uid=1)>
Sep 26 17:00:21 Kareri systemd[1]: Stopping ssh.service - OpenBSD Secure Shell server...
Sep 26 17:00:21 Kareri sshd[250]: Received signal 15; terminating.
Sep 26 17:00:21 Kareri systemd[1]: ssh.service: Deactivated successfully.
Sep 26 17:00:21 Kareri systemd[1]: Stopped ssh.service - OpenBSD Secure Shell server.
Lines 1-21/21 (END)
```

Habilite el servicio nuevamente y verifique el status del mismo

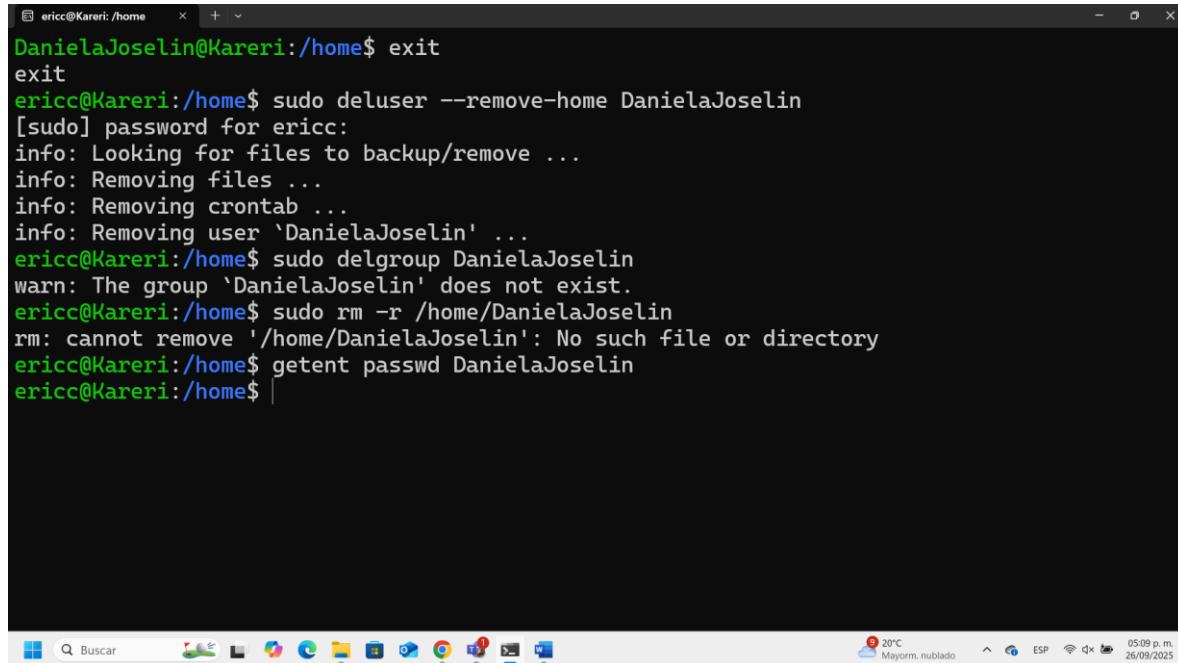


```
DanielaJoselin@Karer: /home$ sudo systemctl start ssh.socket
DanielaJoselin@Karer: /home$ sudo systemctl start ssh.service
DanielaJoselin@Karer: /home$ sudo systemctl status ssh.service
● ssh.service - OpenBSD Secure Shell server
    Loaded: loaded (/usr/lib/systemd/system/ssh.service; enabled; preset: enabled)
      Active: active (running) since Fri 2025-09-26 17:04:51 CST; 11s ago
    TriggeredBy: ● ssh.socket
      Docs: man:sshd(8)
            man:sshd_config(5)
    Process: 2989 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)
   Main PID: 2991 (sshd)
     Tasks: 1 (limit: 9097)
    Memory: 1.2M (peak: 1.6M)
       CPU: 57ms
      CGroup: /system.slice/ssh.service
              └─2991 "sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups"

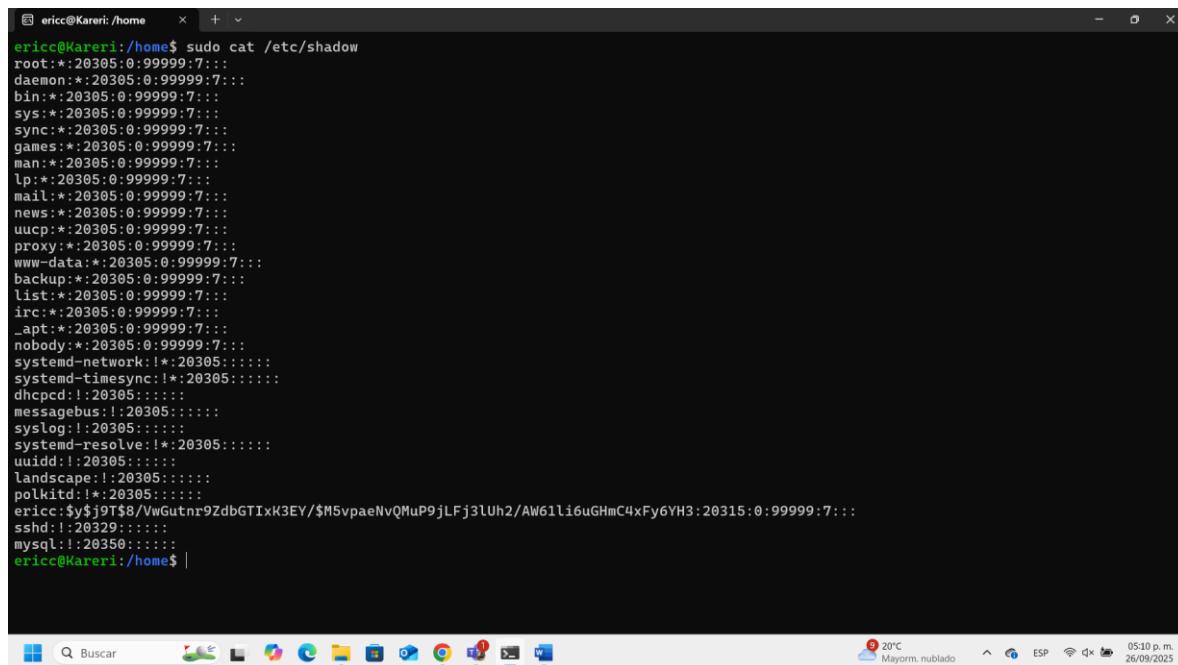
Sep 26 17:04:51 Kareri systemd[1]: Starting ssh.service - OpenBSD Secure Shell server...
Sep 26 17:04:51 Kareri sshd[2991]: Server listening on 0.0.0.0 port 22.
Sep 26 17:04:51 Kareri sshd[2991]: Server listening on :: port 22.
Sep 26 17:04:51 Kareri systemd[1]: Started ssh.service - OpenBSD Secure Shell server.
DanielaJoselin@Karer: /home$ |
```

## Examen S.O Eric Carmen Soto

Finalmente elimine la cuenta del usuario y el grupo creado para esta evaluación

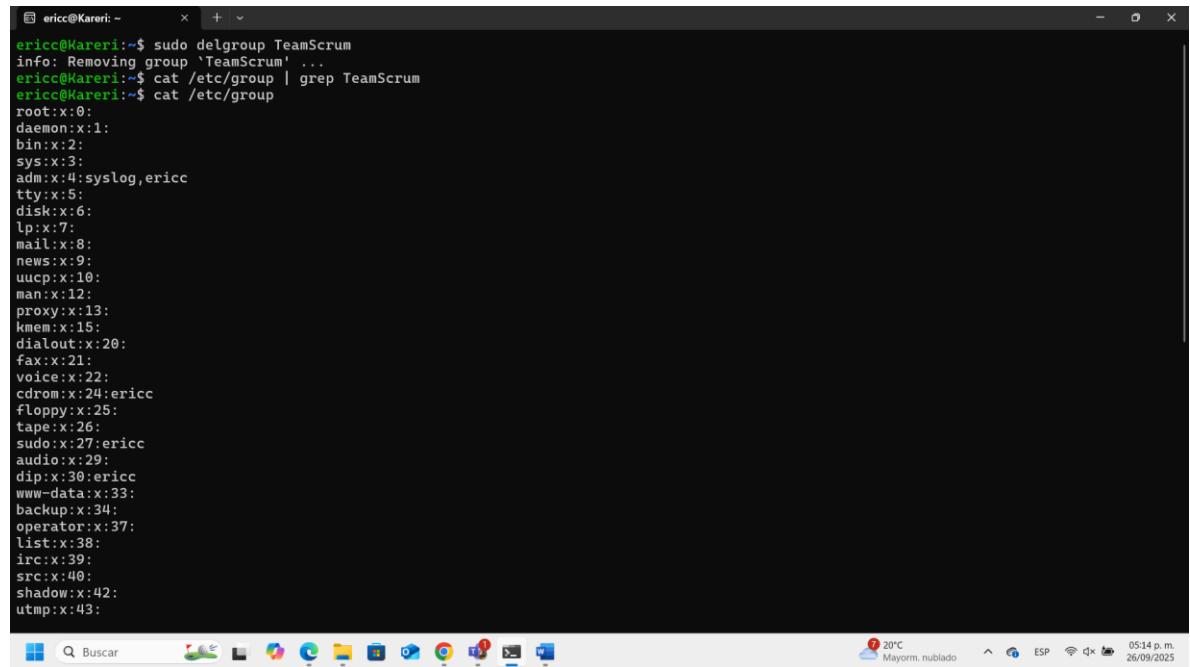


```
ericc@Kareri: /home$ exit
exit
ericc@Kareri: /home$ sudo deluser --remove-home DanielaJoselin
[sudo] password for ericc:
info: Looking for files to backup/remove ...
info: Removing files ...
info: Removing crontab ...
info: Removing user 'DanielaJoselin' ...
ericc@Kareri: /home$ sudo delgroup DanielaJoselin
warn: The group 'DanielaJoselin' does not exist.
ericc@Kareri: /home$ sudo rm -r /home/DanielaJoselin
rm: cannot remove '/home/DanielaJoselin': No such file or directory
ericc@Kareri: /home$ getent passwd DanielaJoselin
ericc@Kareri: /home$ |
```



```
ericc@Kareri: /home$ sudo cat /etc/shadow
root:*:20305:0:99999:7:::
daemon:*:20305:0:99999:7:::
bin:*:20305:0:99999:7:::
sys:*:20305:0:99999:7:::
sync:*:20305:0:99999:7:::
games:*:20305:0:99999:7:::
man:*:20305:0:99999:7:::
lp:*:20305:0:99999:7:::
mail:*:20305:0:99999:7:::
news:*:20305:0:99999:7:::
uucp:*:20305:0:99999:7:::
proxy:*:20305:0:99999:7:::
www-data:*:20305:0:99999:7:::
backup:*:20305:0:99999:7:::
list:*:20305:0:99999:7:::
irc:*:20305:0:99999:7:::
_apt:*:20305:0:99999:7:::
nobody:*:20305:0:99999:7:::
systemd-network:!*:20305::::::
systemd-timesync:!*:20305:::::
dhpcd:!:20305::::::
messagebus:!:20305::::::
syslog:!:20305::::::
systemd-resolve:!*:20305::::::
uuidd:!:20305::::::
landscape:!:20305::::::
polkitd:!:20305::::::
ericc:$y$jT$8/VwGuthr9ZdbGTIxk3EY/$M5vpaeNvQMuP9jLFj3LUh2/AW61l16uGHmC4xFy6YH3:20315:0:99999:7:::
sshd:!:20329::::::
mysql:!:20350::::::
ericc@Kareri: /home$ |
```

## Examen S.O Eric Carmen Soto



A screenshot of a Windows desktop environment. In the center is a terminal window titled 'ericc@Karerl:~'. The window contains the following command-line session:

```
ericc@Karerl:~$ sudo delgroup TeamScrum
info: Removing group 'TeamScrum' ...
ericc@Karerl:~$ cat /etc/group | grep TeamScrum
ericc@Karerl:~$ cat /etc/group
root:x:0:
daemon:x:1:
bin:x:2:
sys:x:3:
adm:x:4:syslog,ericc
tty:x:5:
disk:x:6:
lp:x:7:
mail:x:8:
news:x:9:
uucp:x:10:
man:x:12:
proxy:x:13:
kmem:x:15:
dialout:x:20:
fax:x:21:
voice:x:22:
cdrom:x:24:ericc
floppy:x:25:
tape:x:26:
sudo:x:27:ericc
audio:x:29:
dip:x:30:ericc
www-data:x:33:
backup:x:34:
operator:x:37:
list:x:38:
irc:x:39:
src:x:40:
shadow:x:42:
utmp:x:43:
```

The desktop taskbar at the bottom shows various pinned icons, including File Explorer, Edge, and File History. On the right side of the taskbar, there is a weather widget displaying '20°C Mayorm. nublado', a battery icon, and the system date and time '05:14 p. m. 26/09/2025'.