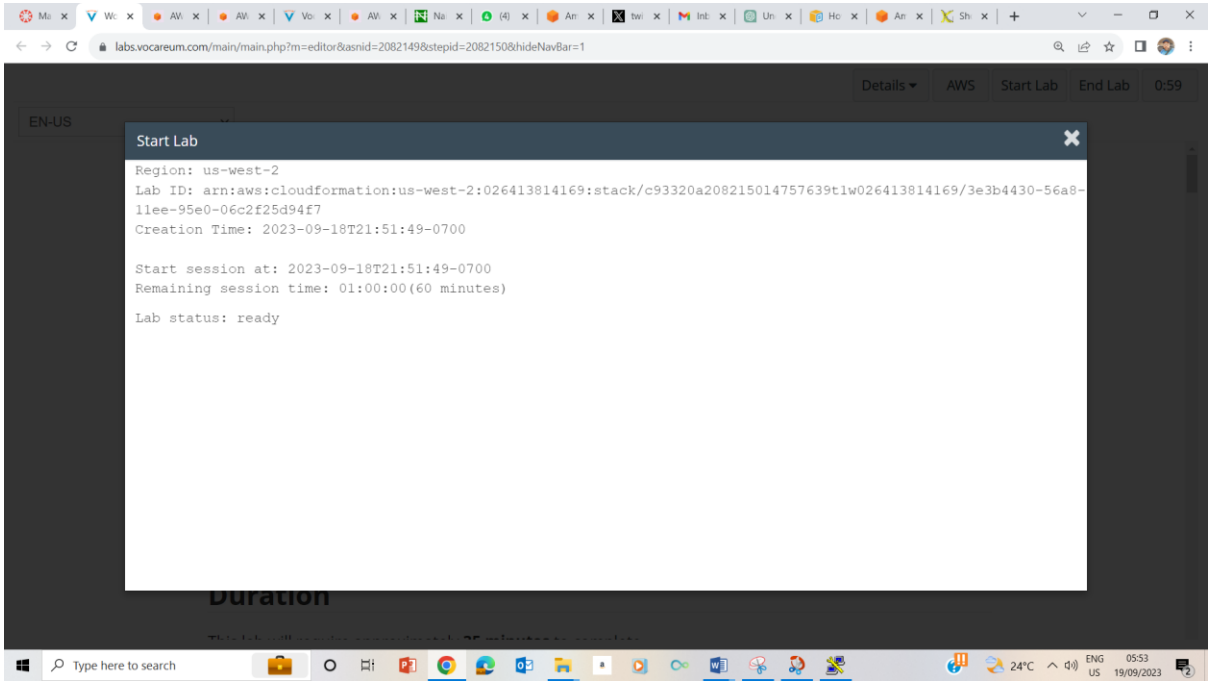
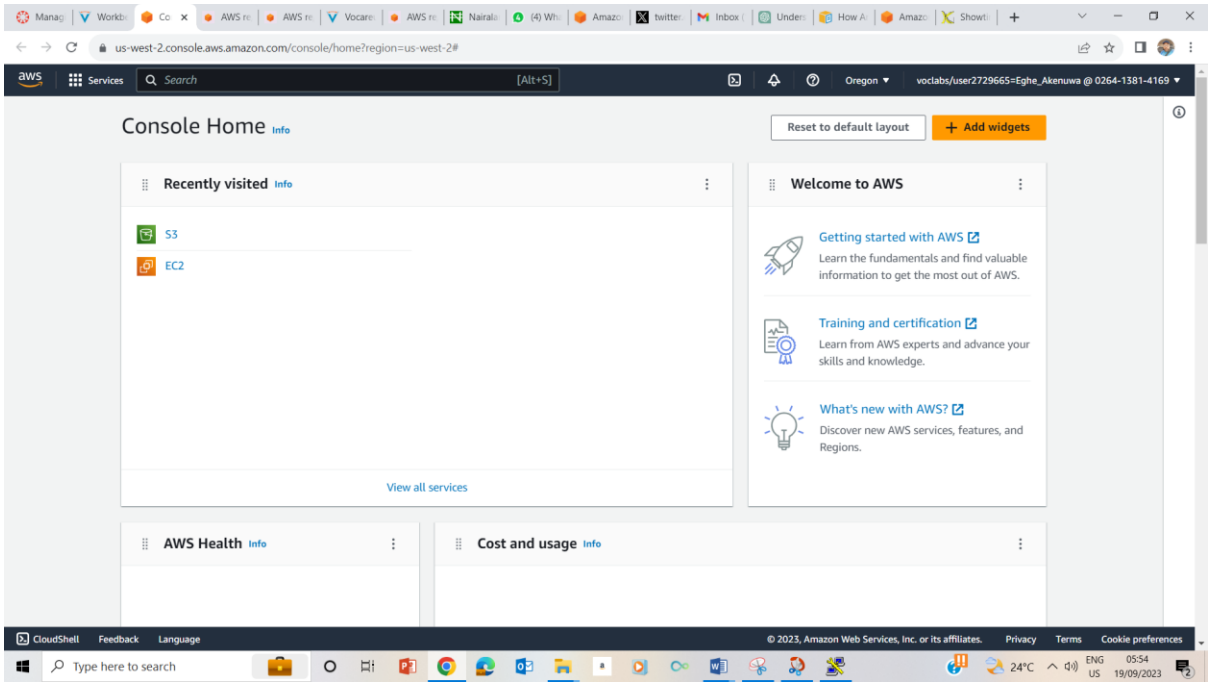
Managing File Permissions

Accessing the AWS Management Console



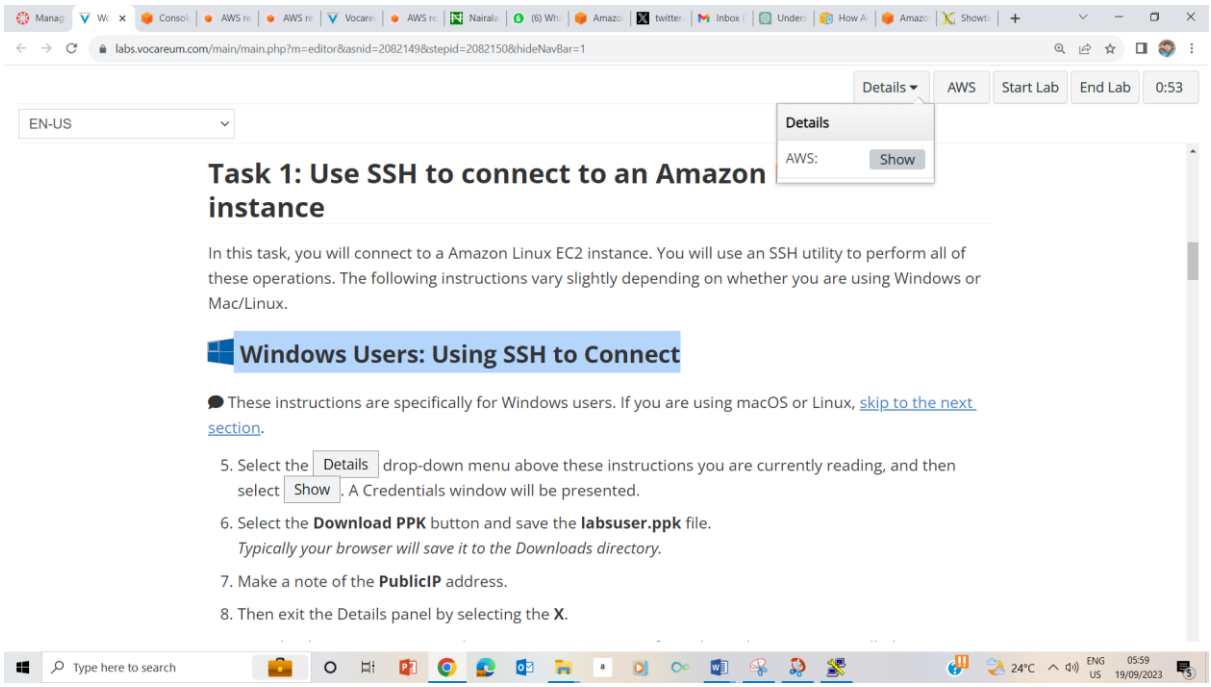
1. Clicked on the Start handle until the pop up showed that Lab Status Ready

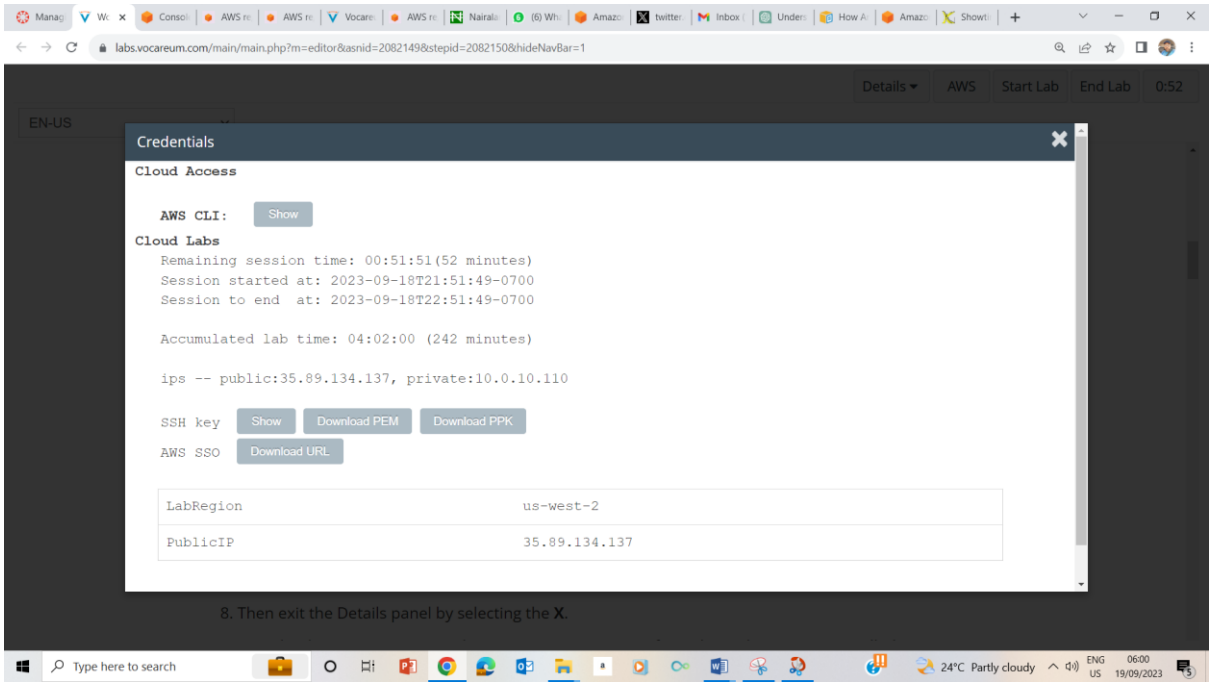


2- 3 Clicked on the AWS handle to show the above page already signed in.

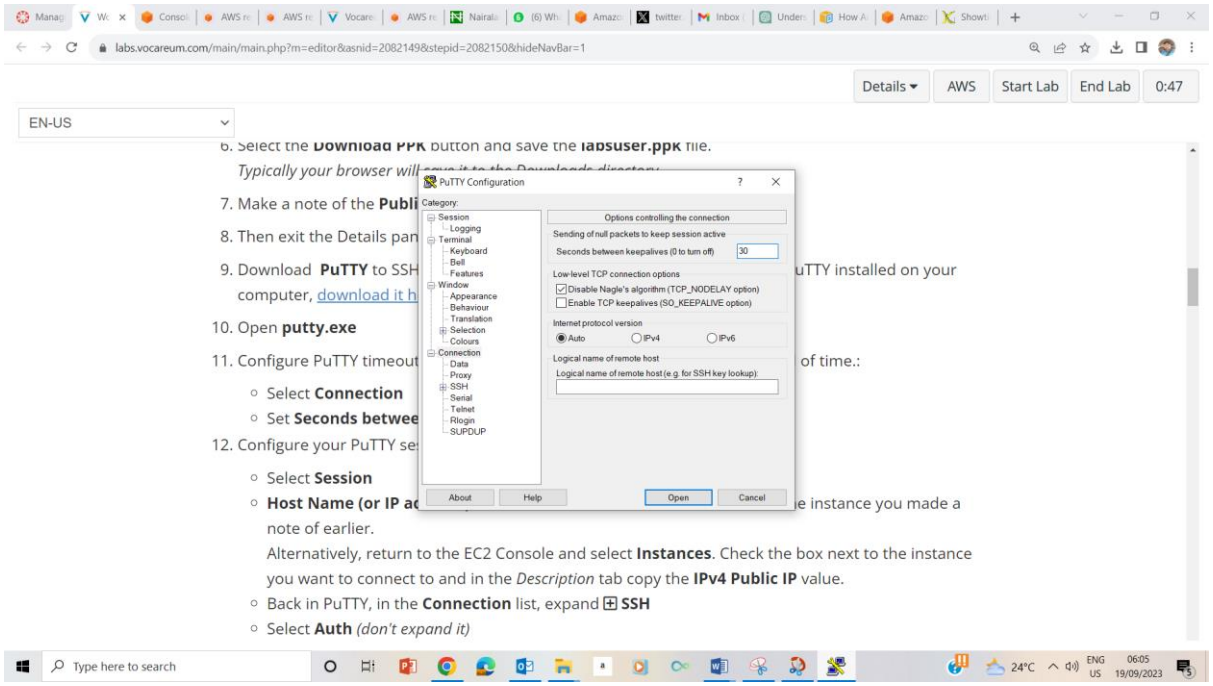
Task 1: Use SSH to connect to an Amazon Linux EC2 instance

Windows Users: Using SSH to Connect

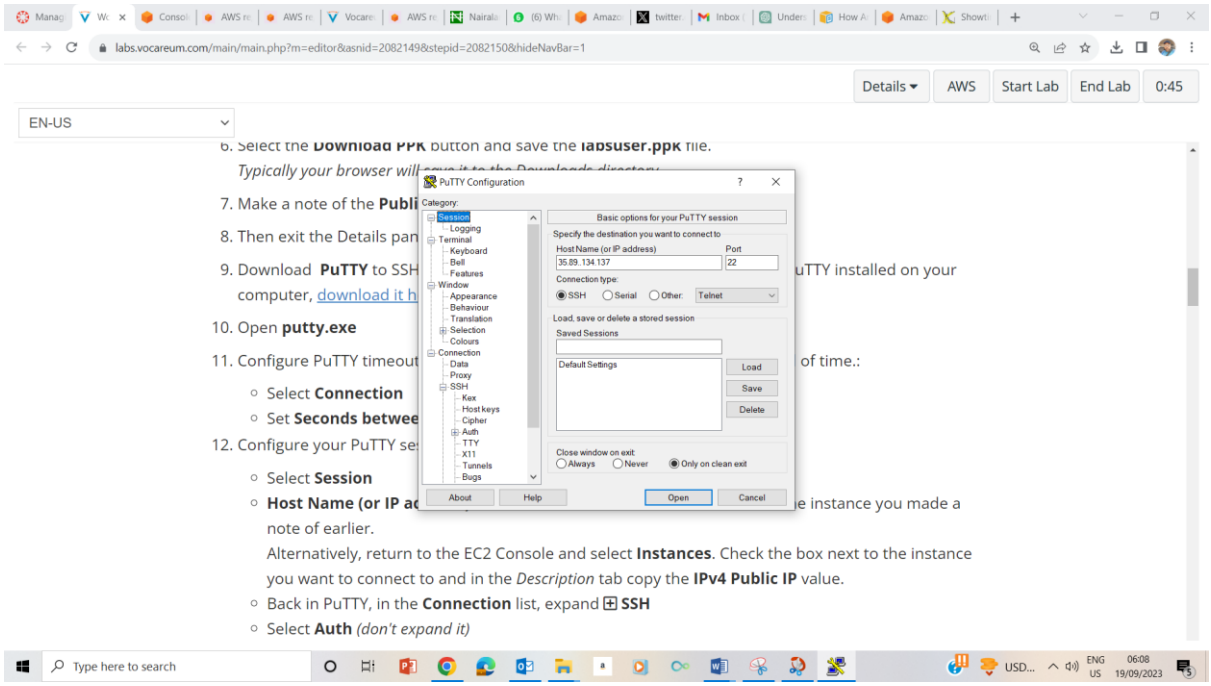


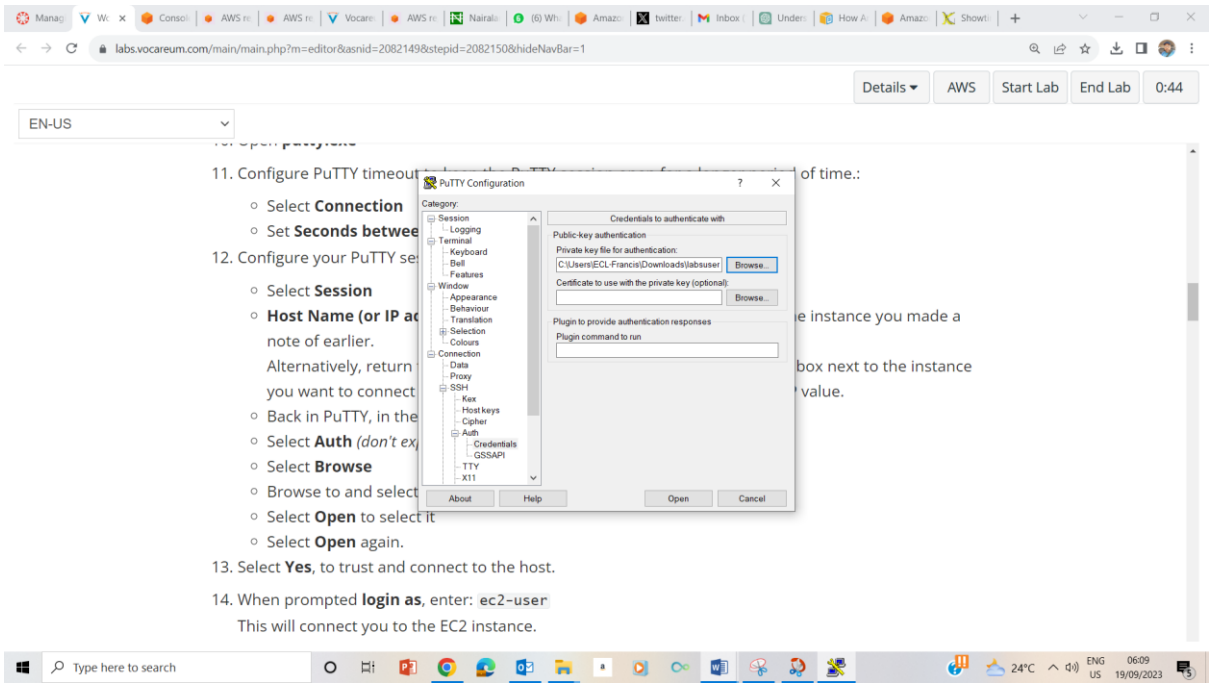


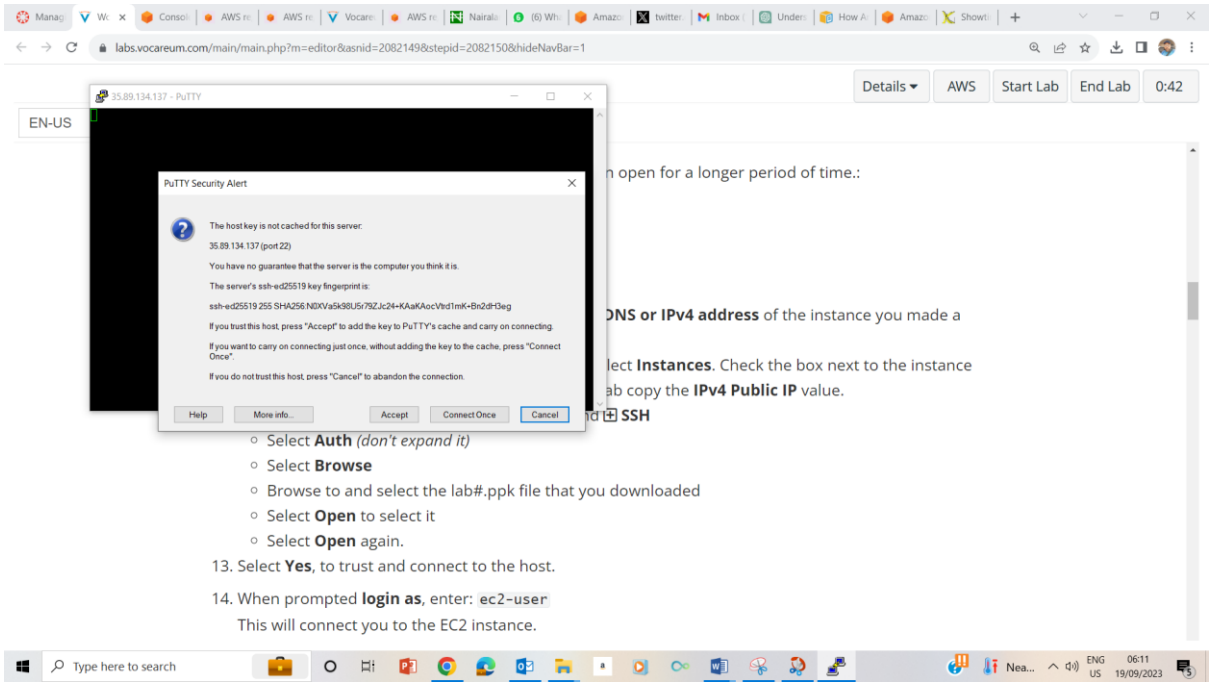
5-8. Selected the Details Drop down, selected Show; and on the credentials page, downloaded PPK. Noted the PublicIP as 35.89.134.137, then exited the Details panel by selecting the X.



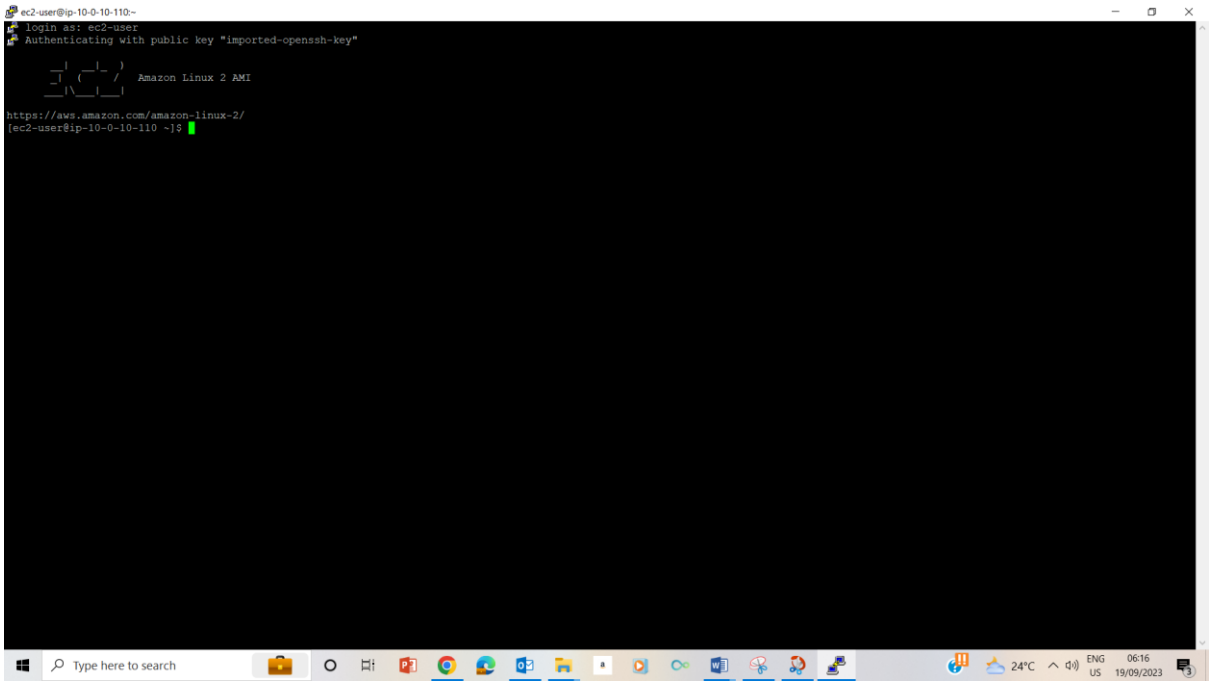
9-11 Downloaded Putty, opened putty.exe, selected connection, set seconds between time out to be 30.


labs.vocareum.com/main/main.php?m=editor&asnid=2082149&stepid=2082150&hideNavBar=1
Details
AWS
Start Lab
End Lab
0:45
EN-US
6. Select the **Download PPK** button and save the **labsuser.ppk** file.
Typically your browser will save it to the Downloads directory
7. Make a note of the **Publi**
8. Then exit the Details pan
9. Download **PuTTY** to SSH
uTTY installed on your
computer, download it h
10. Open **putty.exe**
11. Configure PuTTY timeout
of time.:
- Select **Connection**
- Set **Seconds betwee**
12. Configure your PuTTY se
- Select **Session**
- **Host Name (or IP ac**
e instance you made a
note of earlier.
Alternatively, return to the EC2 Console and select **Instances**. Check the box next to the instance you want to connect to and in the *Description* tab copy the **IPv4 Public IP** value.
- Back in PuTTY, in the **Connection** list, expand ⊞ **SSH**
- Select **Auth** *(don't expand it)*
PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Kex
Host keys
Cipher
Auth
TTY
X11
Tunnels
Bugs
Basic options for your PuTTY session
Specify the destination you want to connect to
Host Name (or IP address)
Port
35.89..134.137
22
Connection type:
SSH
Serial
Other:
Telnet
Load, save or delete a stored session
Saved Sessions
Default Settings
Load
Save
Delete
Close window on exit:
Always
Never
Only on clean exit
About
Help
Open
Cancel
Type here to search
USD...
ENG
US
06:08
19/09/2023


labs.vocareum.com/main/main.php?m=editor&asnid=2082149&stepid=2082150&hideNavBar=1
Details
AWS
Start Lab
End Lab
0:44
EN-US
11. Configure PuTTY timeout
of time.:
- Select **Connection**
- Set **Seconds betwee**
12. Configure your PuTTY se
- Select **Session**
- **Host Name (or IP ac**
e instance you made a
note of earlier.
Alternatively, return
box next to the instance
you want to connect
value.
- Back in PuTTY, in the
- Select **Auth** *(don't ex*
- Select **Browse**
- Browse to and select
- Select **Open** to select it
- Select **Open** again.
13. Select **Yes**, to trust and connect to the host.
14. When prompted **login as**, enter: `ec2-user`
This will connect you to the EC2 instance.
PuTTY Configuration
Category:
Session
Logging
Terminal
Keyboard
Bell
Features
Window
Appearance
Behaviour
Translation
Selection
Colours
Connection
Data
Proxy
SSH
Kex
Host keys
Cipher
Auth
Credentials
GSSAPI
TTY
X11
Credentials to authenticate with
Public-key authentication
Private key file for authentication:
C:\Users\ECL-Francis\Downloads\labsuser
Browse...
Certificate to use with the private key (optional):
Browse...
Plugin to provide authentication responses
Plugin command to run
About
Help
Open
Cancel
Type here to search
24°C
ENG
US
06:09
19/09/2023

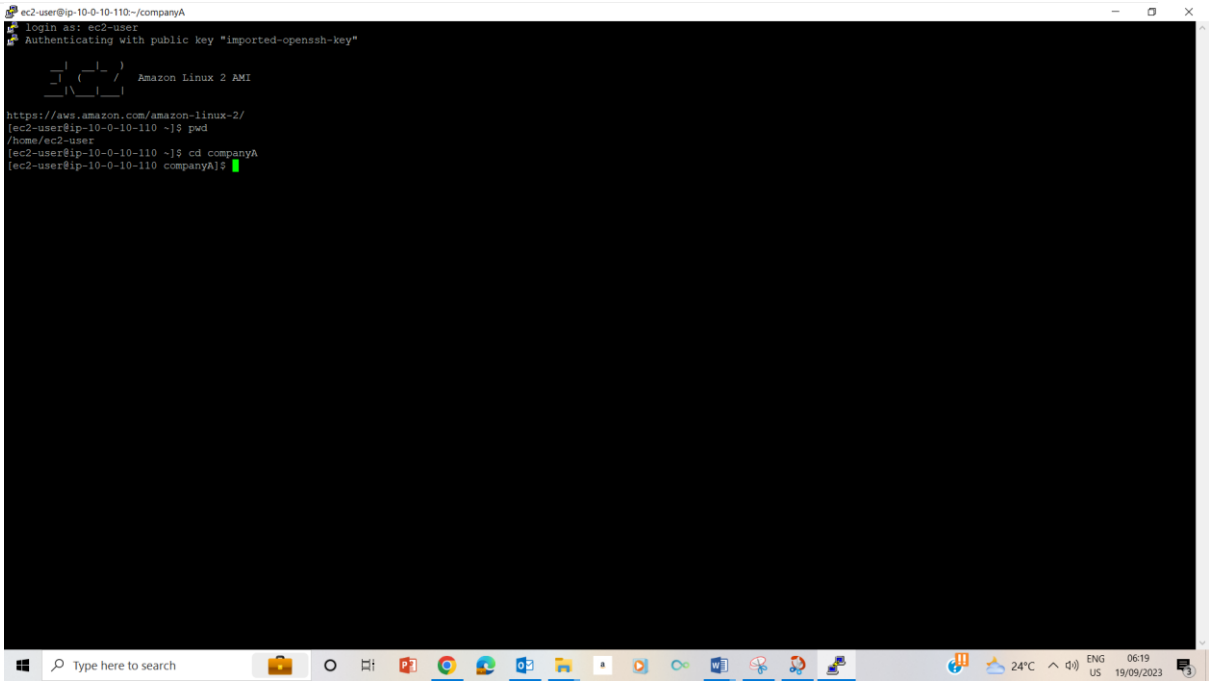


10-14

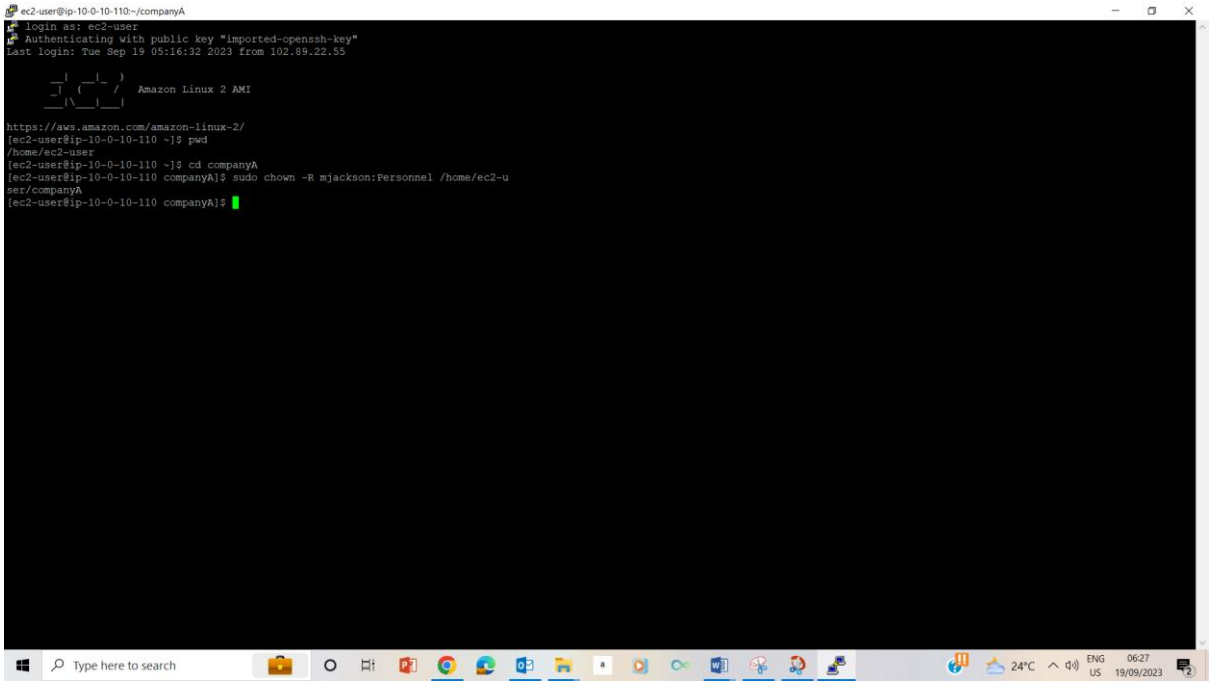


15. Logged in as ec2-user

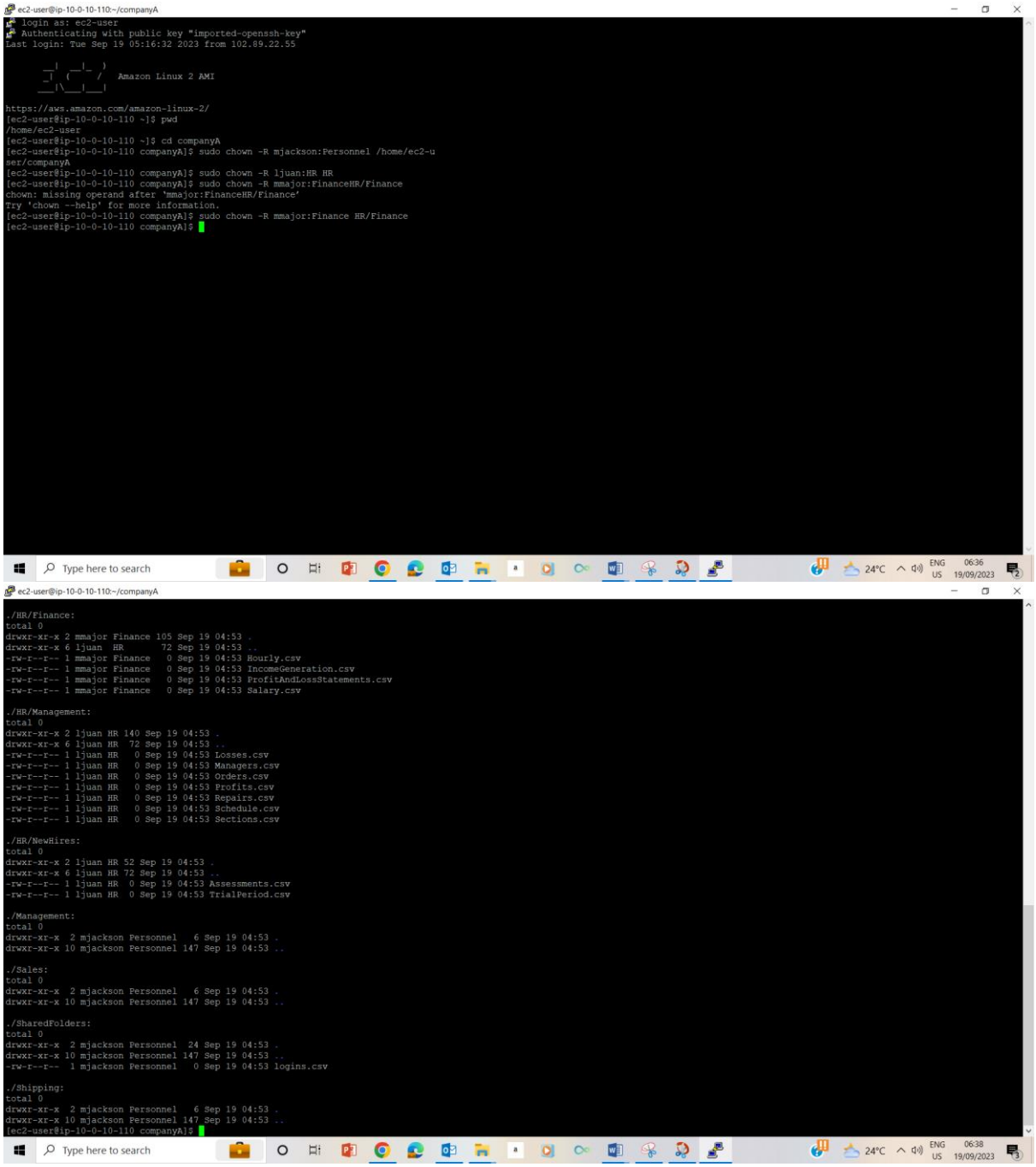
Task 2: Change file and folder ownership



24-27. used pwd to check my present working directory, and did cd companyA to go to companyA folder.

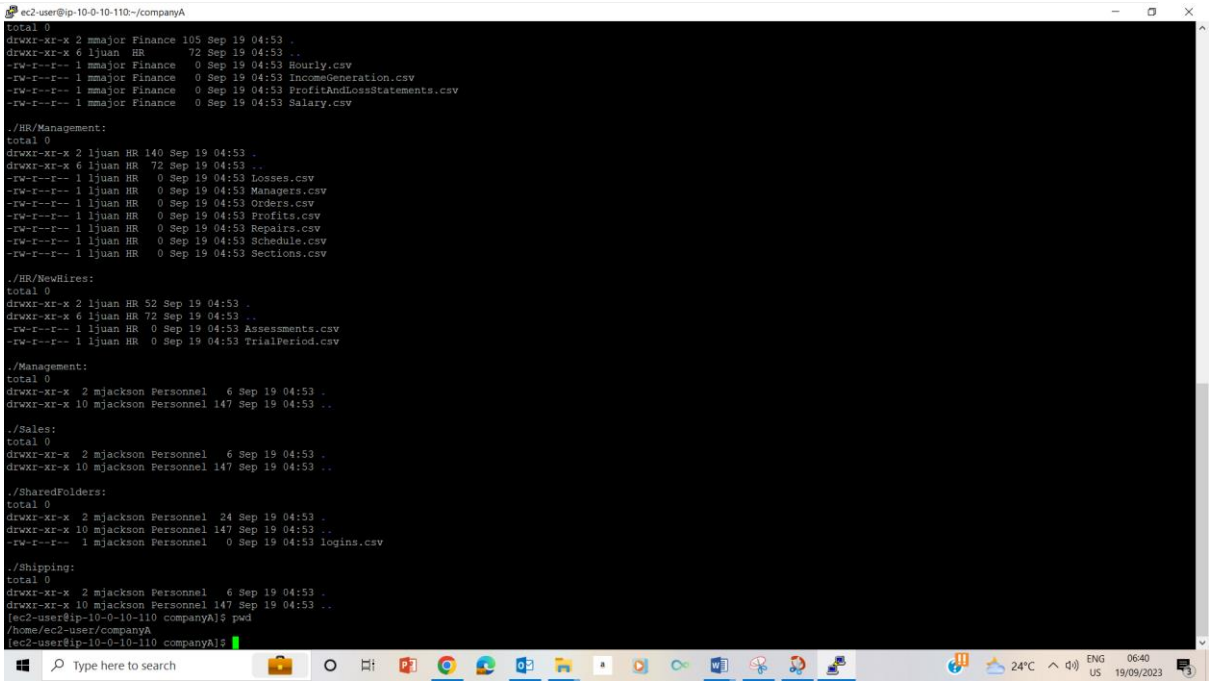


28. Changed ownership of the companyA folder to the CEO mjackson and the group ownershio to Personnel by typing sudo chown –R mjackson:Personnel /home/ec2-user/companyA

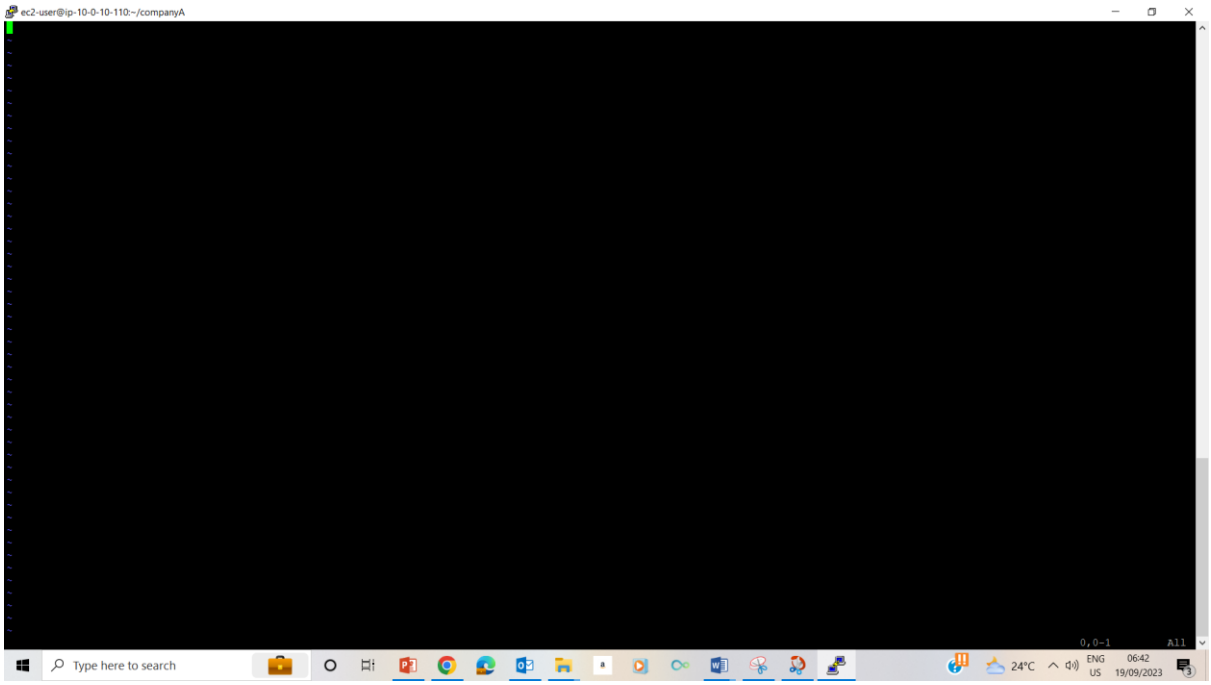


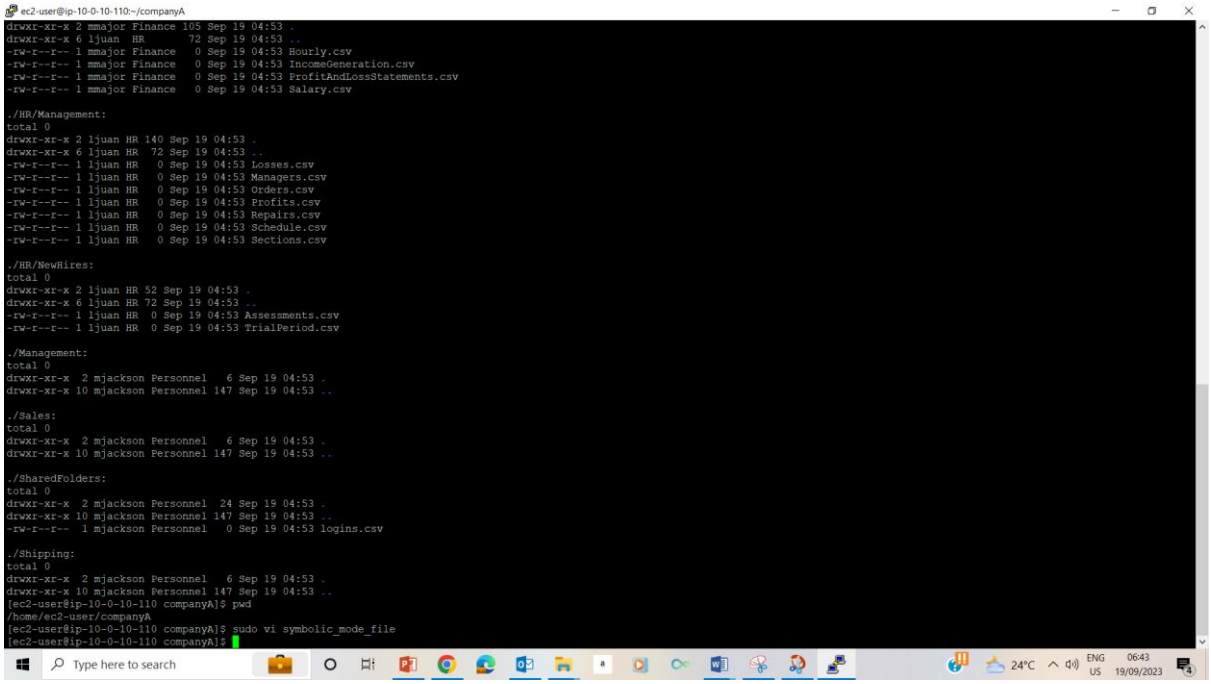
28-31 Changed the ownership of the files and validated the changes using ls –laR command

Task 3: Change permission modes

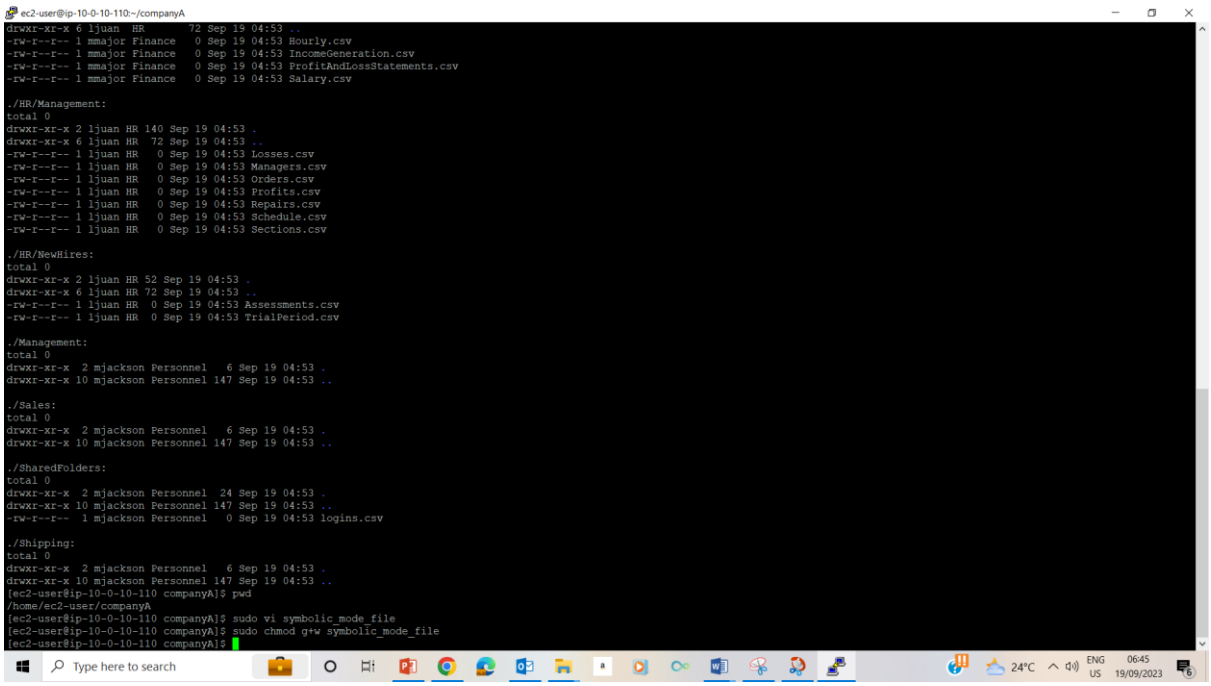


32. typed pwd and pressed enter to validate that I was on the home directory.



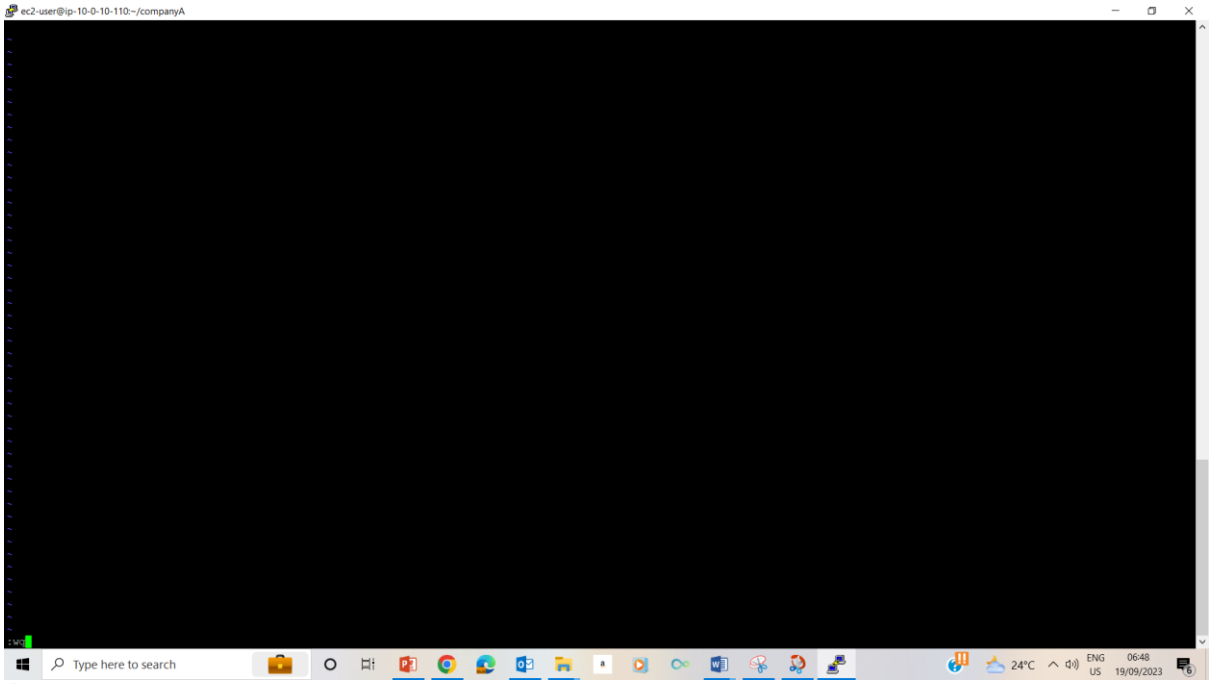


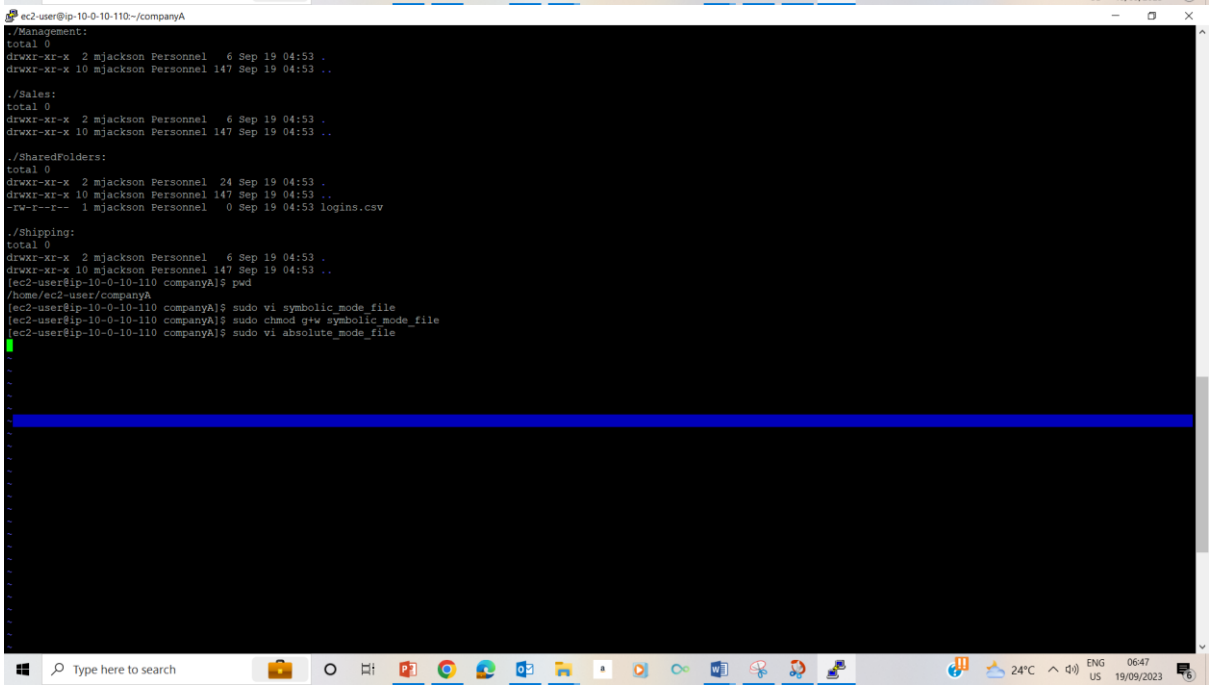
33-34

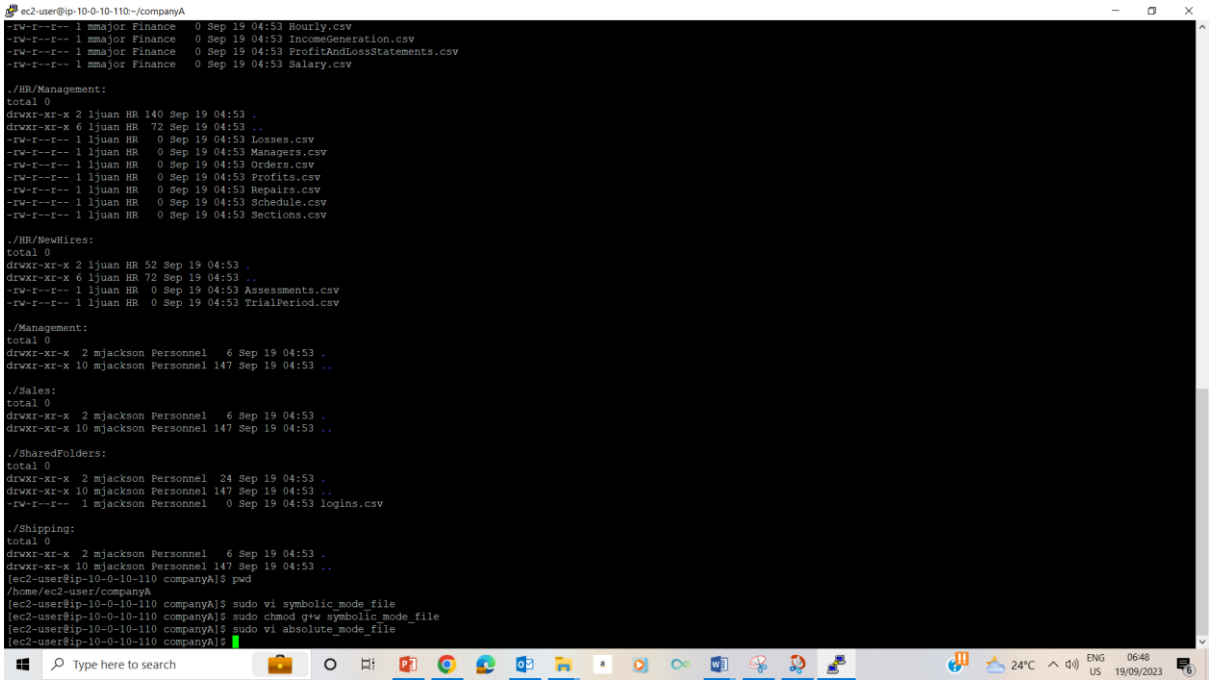


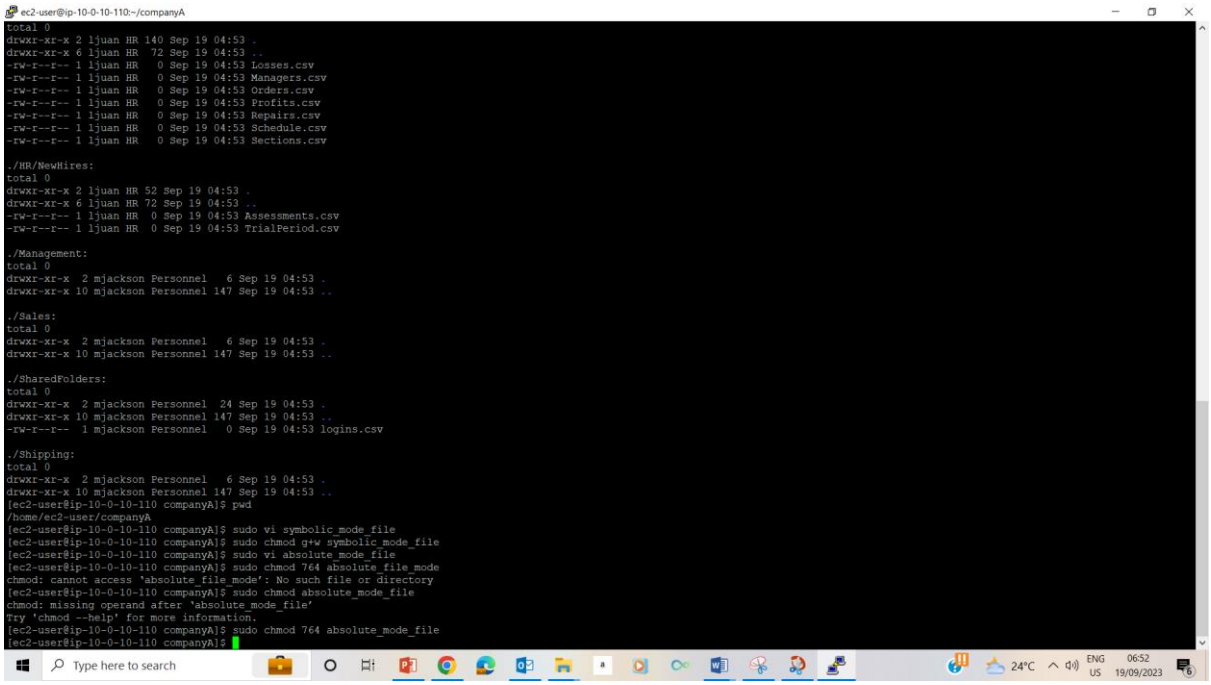
35- using chmod to give write rights to the symbolic_mode_file

Sudo

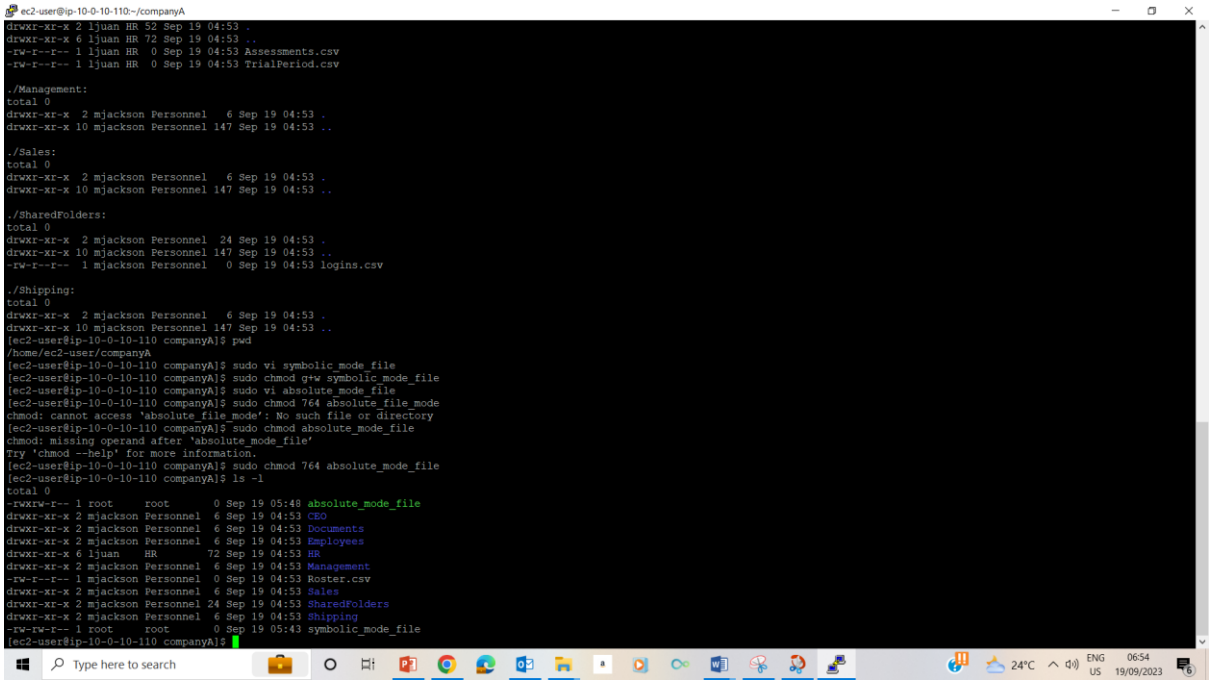

ec2-user@ip-10-0-10-110:~/companyA
:wq
Type here to search
24°C
ENG
US
06:48
19/09/2023


ec2-user@ip-10-0-10-110:~/companyA
./Management:
total 0
drwxr-xr-x 2 mjackson Personnel   6 Sep 19 04:53 .
drwxr-xr-x 10 mjackson Personnel 147 Sep 19 04:53 ..
./Sales:
total 0
drwxr-xr-x 2 mjackson Personnel   6 Sep 19 04:53 .
drwxr-xr-x 10 mjackson Personnel 147 Sep 19 04:53 ..
./SharedFolders:
total 0
drwxr-xr-x 2 mjackson Personnel 24 Sep 19 04:53 .
drwxr-xr-x 10 mjackson Personnel 147 Sep 19 04:53 ..
-rw-r--r-- 1 mjackson Personnel   0 Sep 19 04:53 logins.csv
./Shipping:
total 0
drwxr-xr-x 2 mjackson Personnel   6 Sep 19 04:53 .
drwxr-xr-x 10 mjackson Personnel 147 Sep 19 04:53 ..
[ec2-user@ip-10-0-10-110 companyA]$ pwd
/home/ec2-user/companyA
[ec2-user@ip-10-0-10-110 companyA]$ sudo vi symbolic_mode_file
[ec2-user@ip-10-0-10-110 companyA]$ sudo chmod g+w symbolic_mode_file
[ec2-user@ip-10-0-10-110 companyA]$ sudo vi absolute_mode_file
Type here to search
24°C
ENG
US
06:47
19/09/2023



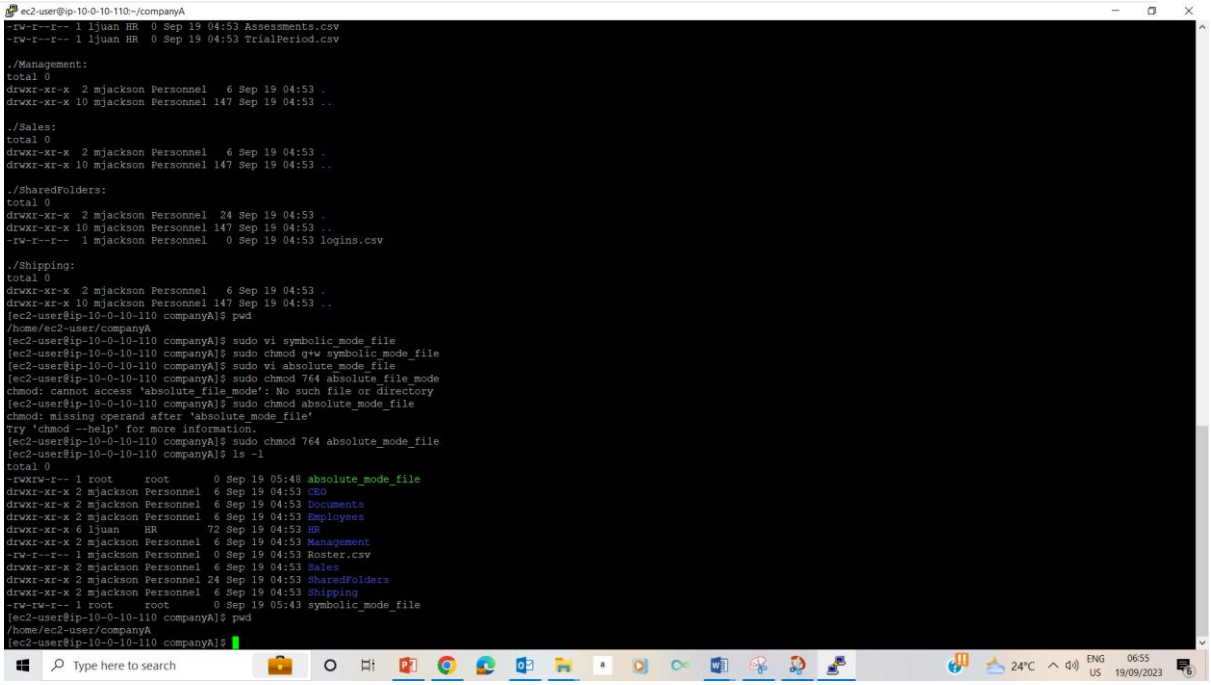


37&38- used vim to create absolute_mode_file and used absolute mode to change the file permissions

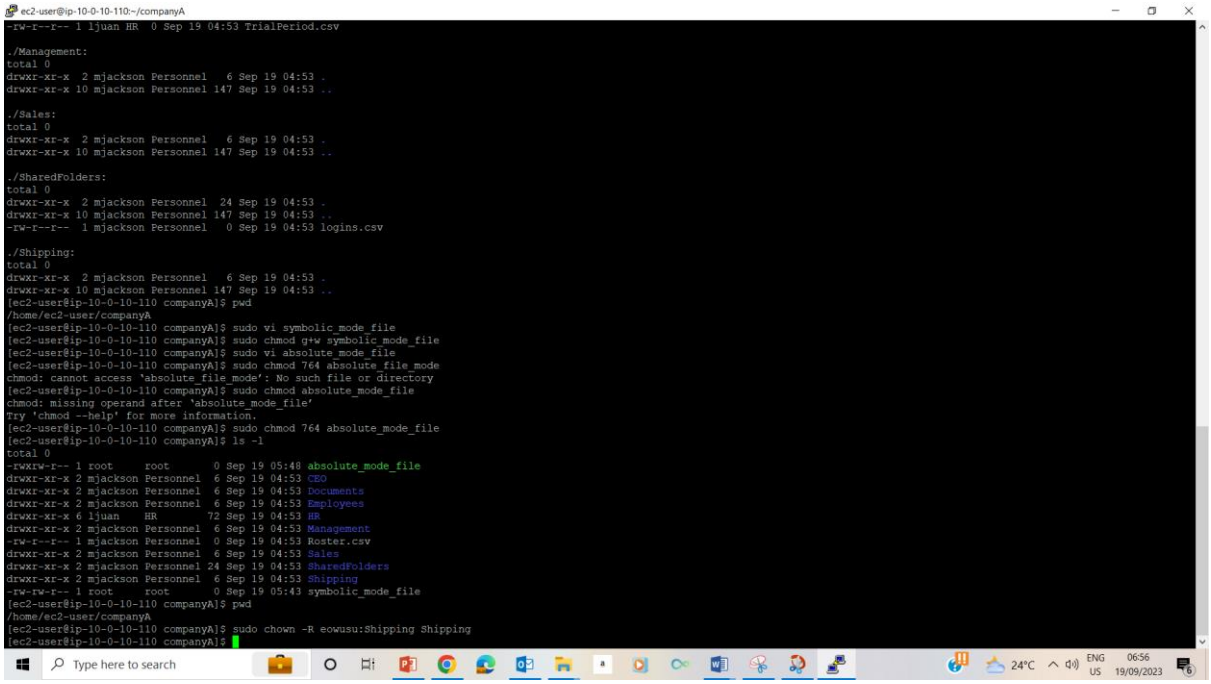


39 Used ls –l command to see the two files

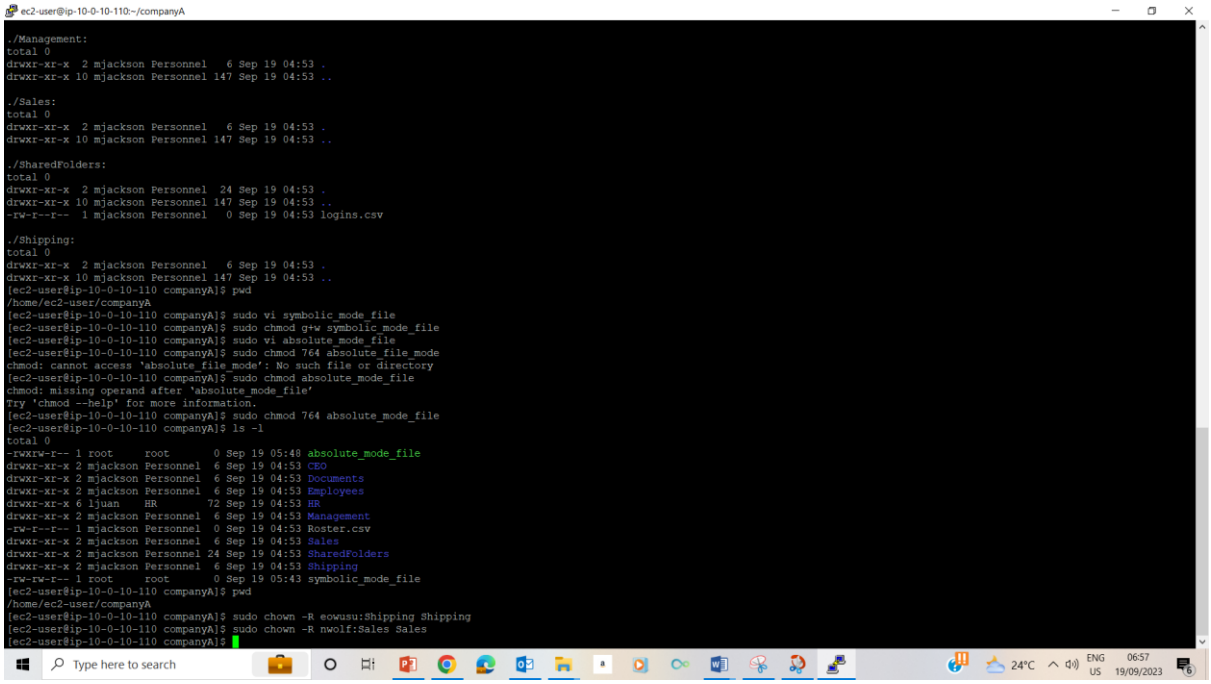
Task 4: Assign permissions



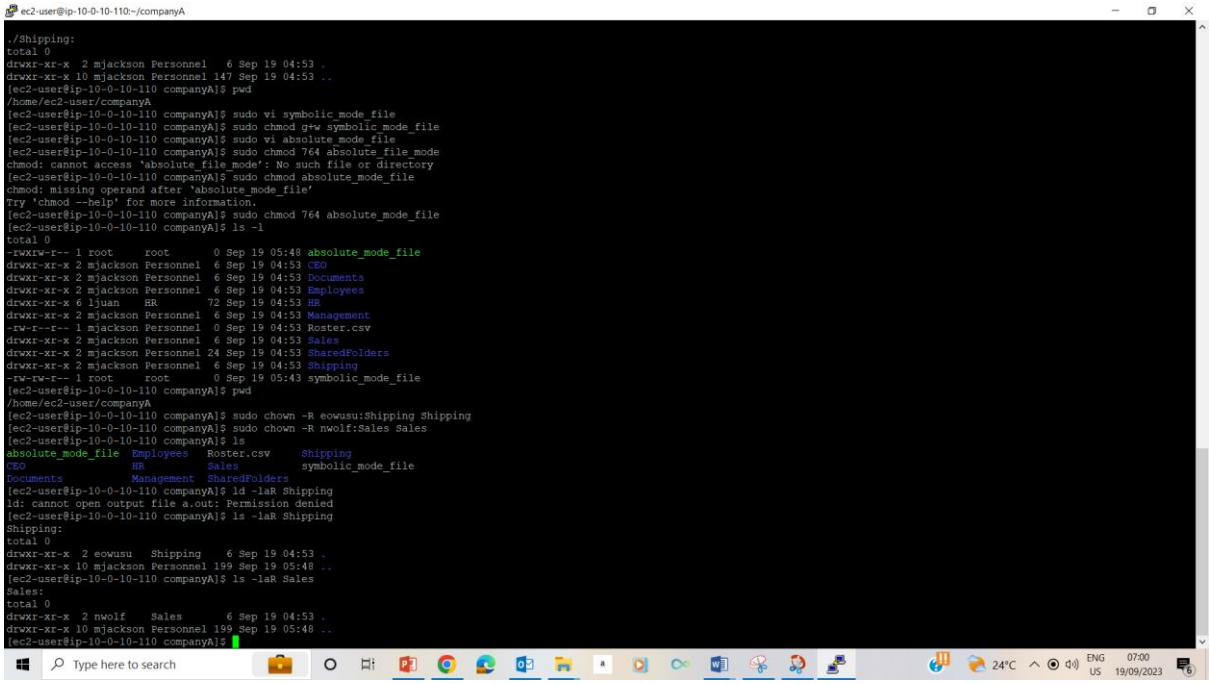
40. Used pwd to validate that I am in /home/ec2-user/companyA



41. used sudo chown –R eowusu:Shipping Shipping to change ownership of the Shipping folder to eowusu.

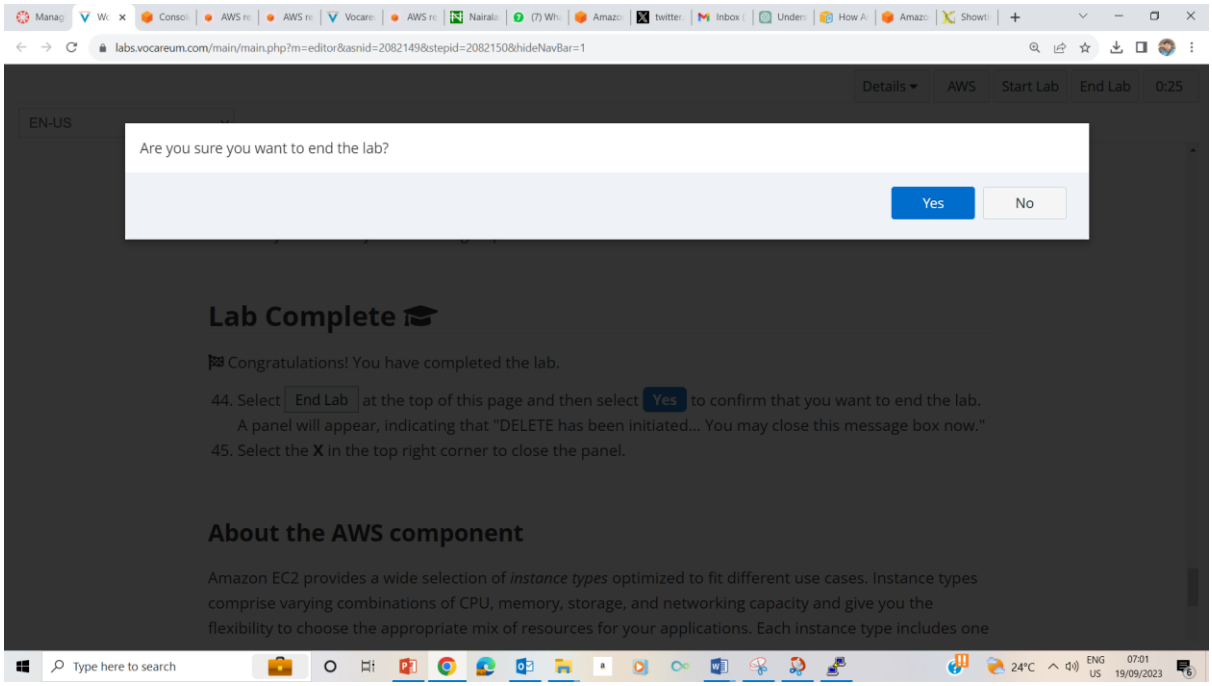


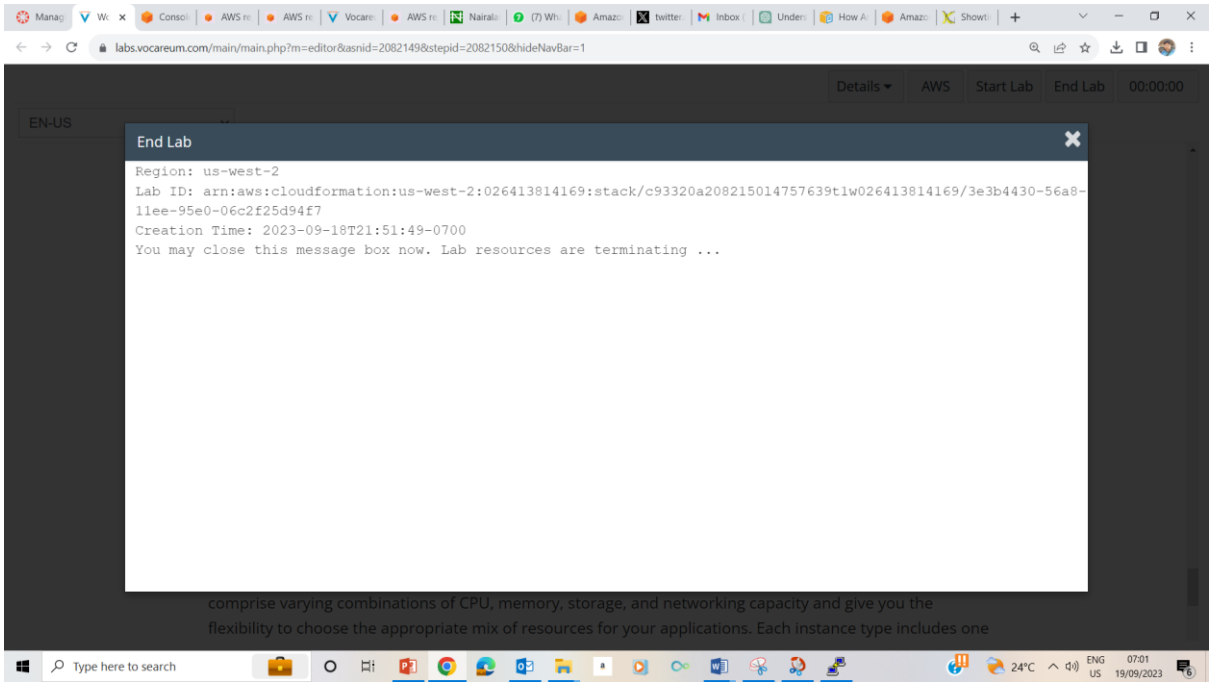
42. used sudo chown –R nwolf:Sales Sales to change ownership of the Sales folder to nwolf.



43. used ls –laR Shipping and ls –laR Sales to valide changes made to the Shipping and Sales folders respectively.

Lab Complete





44. Selected End Lab at the top of the instruction page and selected yes.
45. clicked X in the top right corner to close the panel.