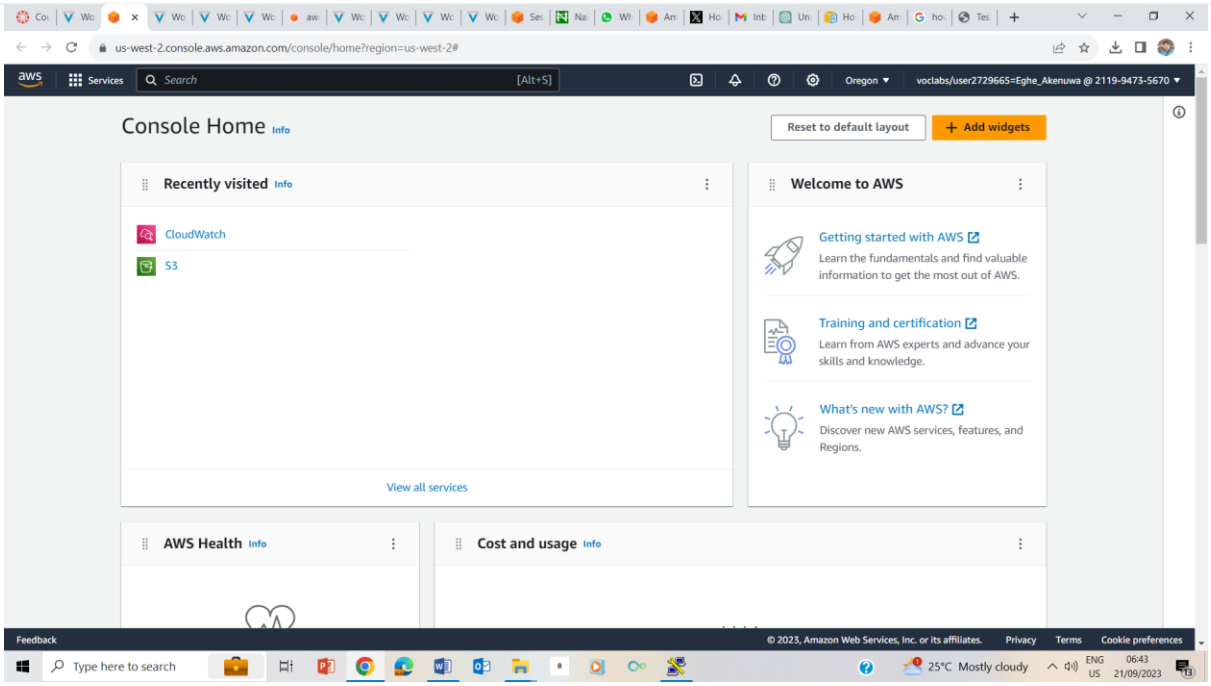
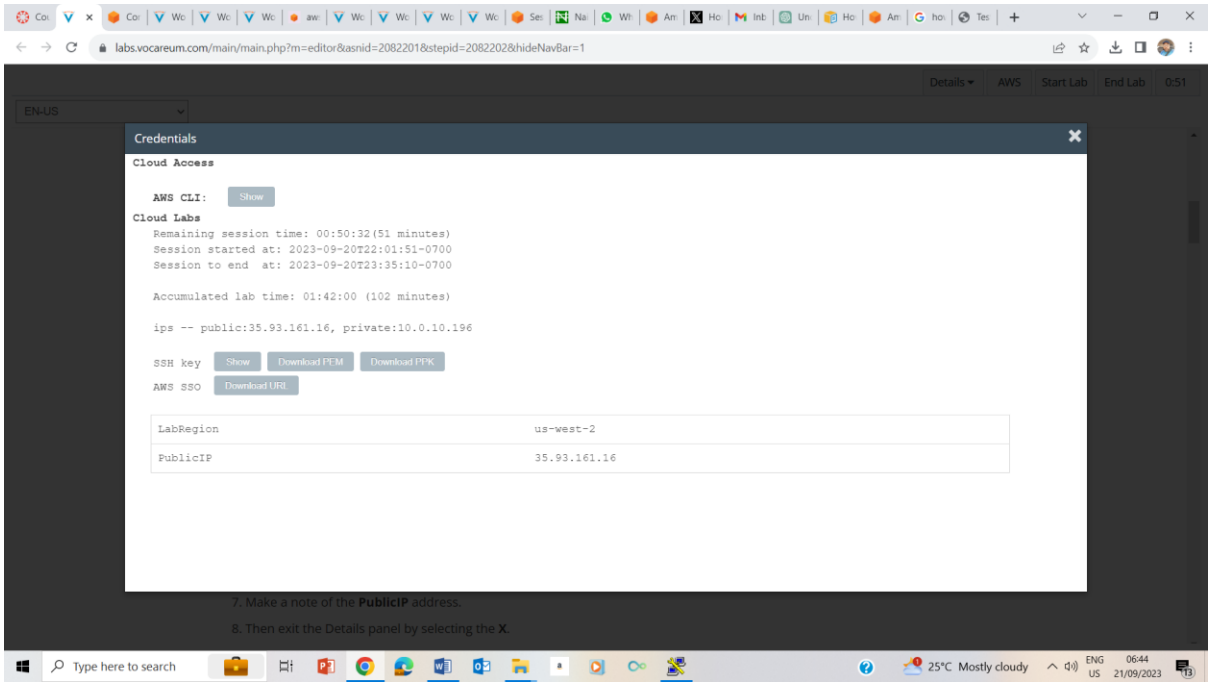
The Bash Shell

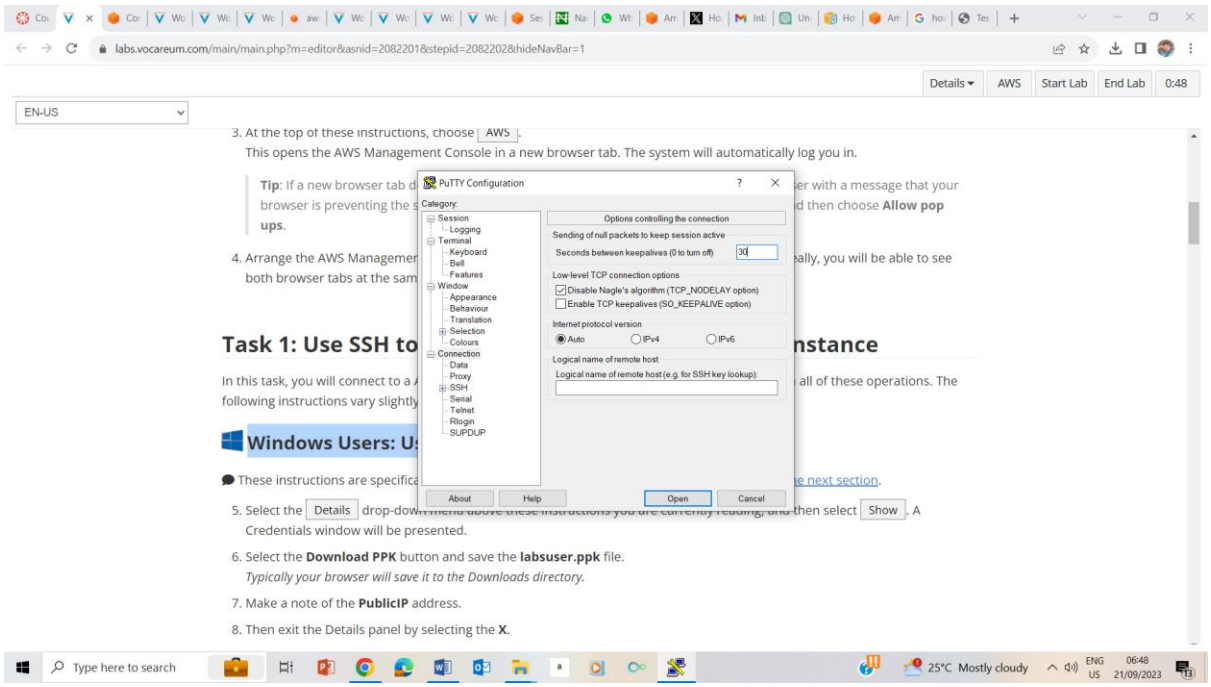
Accessing the AWS Management Console

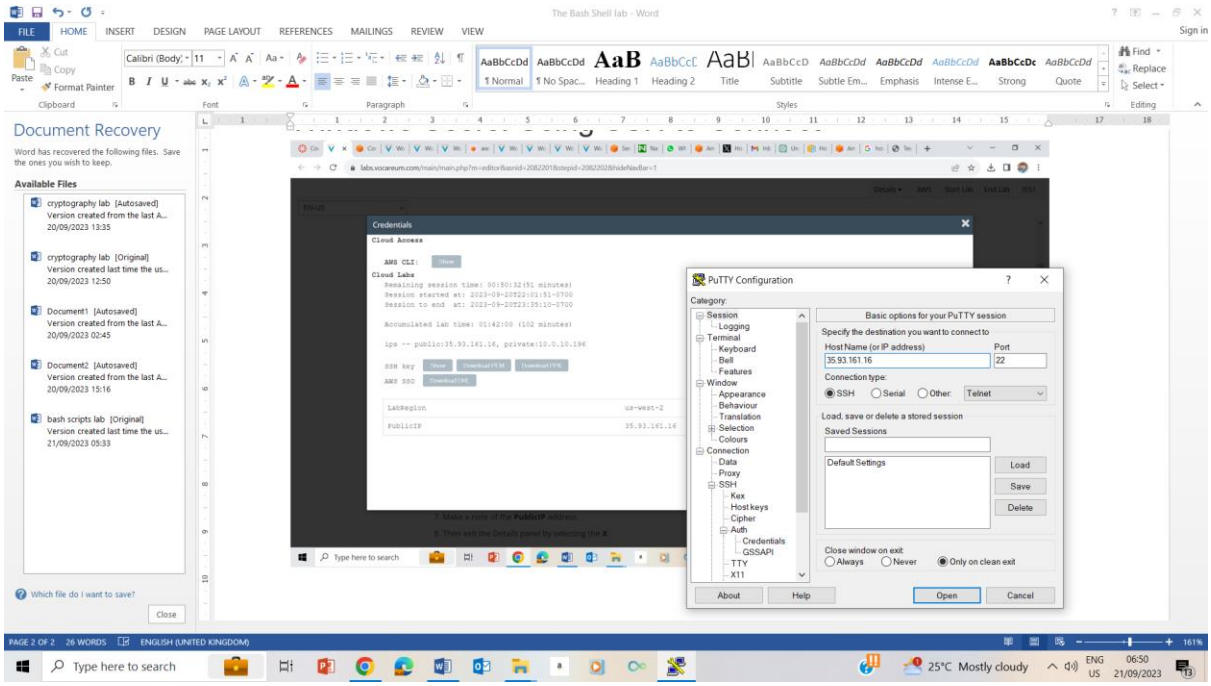


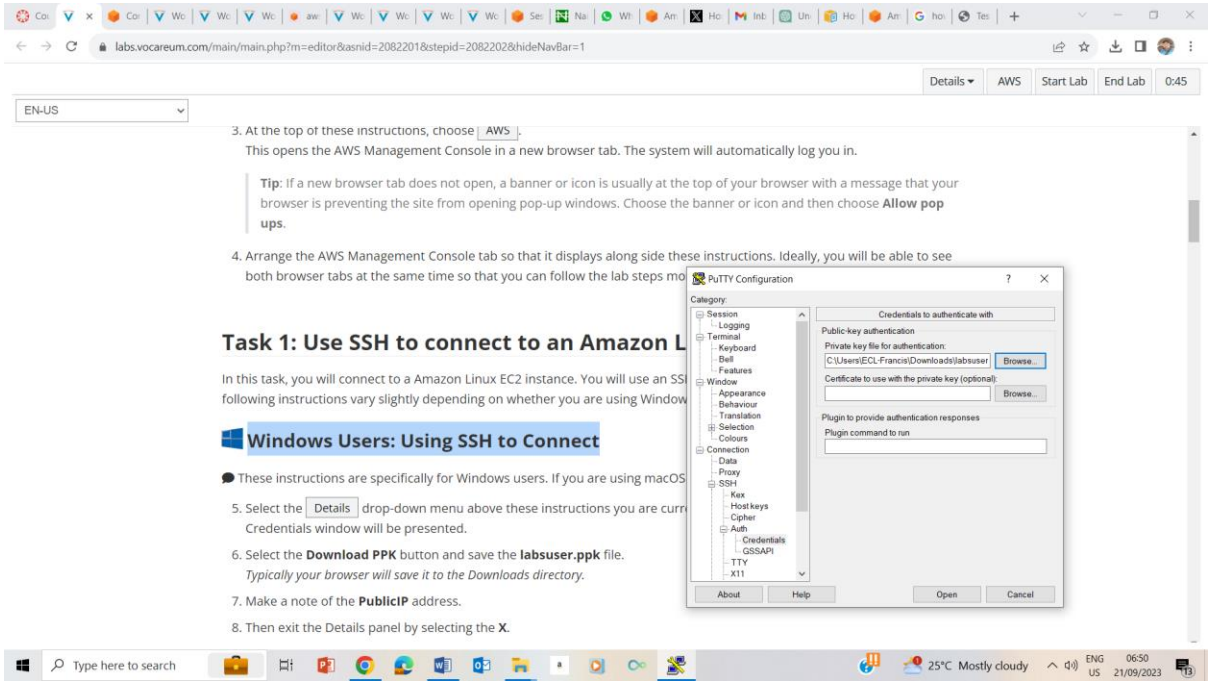
Task 1: Use SSH to connect to an Amazon Linux EC2 instance

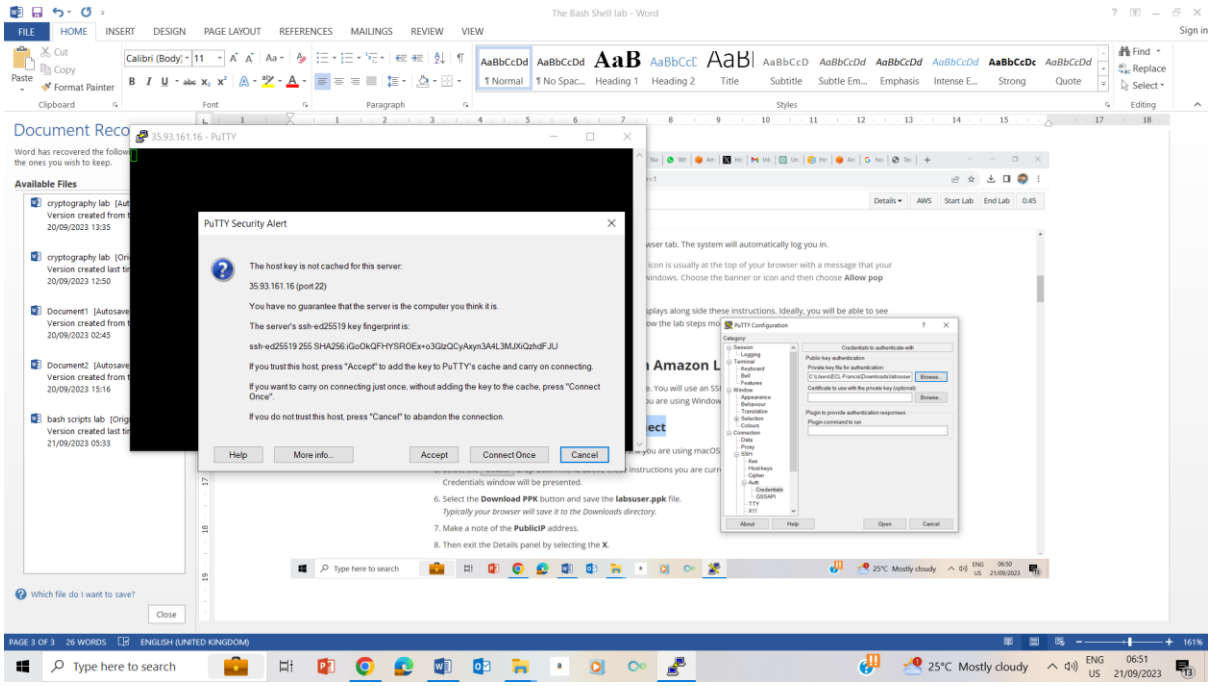
Windows Users: Using SSH to Connect

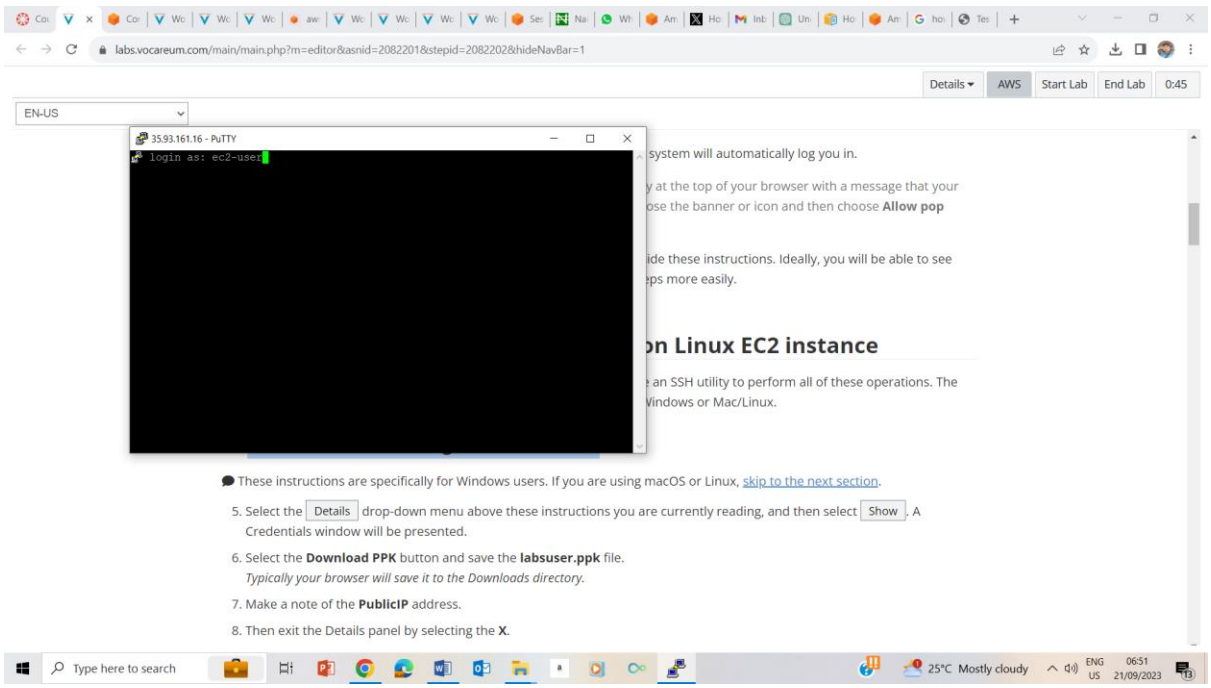


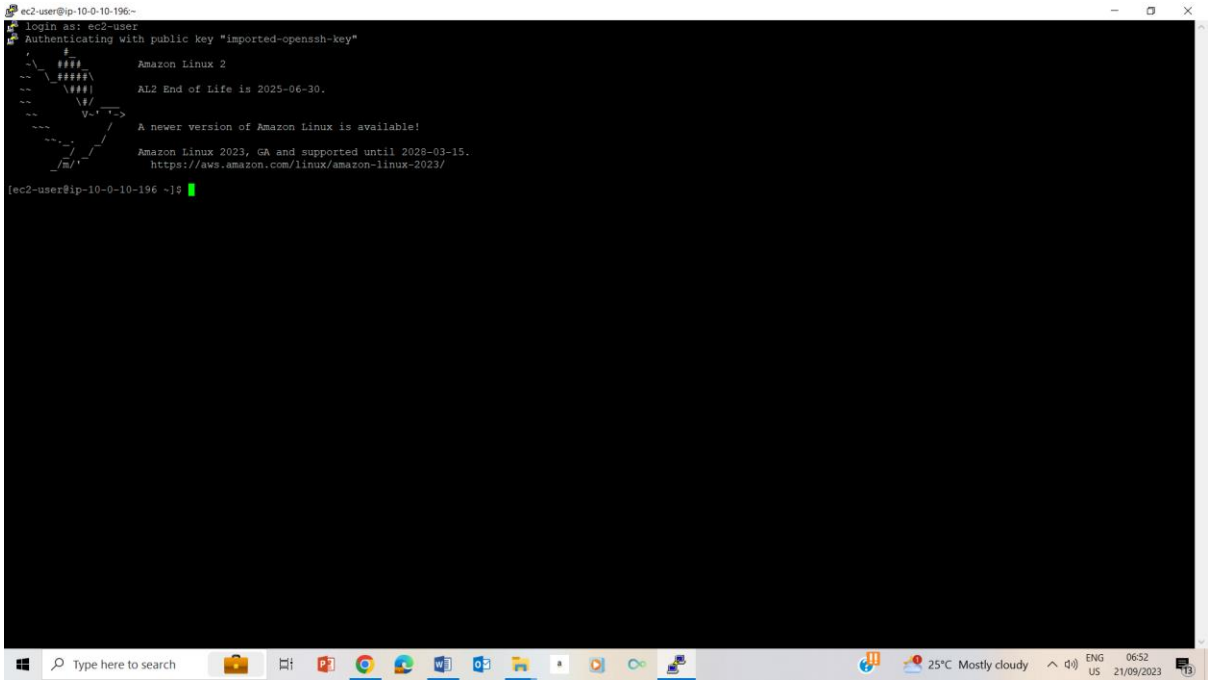



Document Recovery
Word has recovered the following files. Save the ones you wish to keep.
Available Files
cryptography lab [Autosaved]
Version created from the last A...
20/09/2023 13:35
cryptography lab [Original]
Version created last time the us...
20/09/2023 12:50
Document1 [Autosaved]
Version created from the last A...
20/09/2023 02:45
Document2 [Autosaved]
Version created from the last A...
20/09/2023 15:16
bash scripts lab [Original]
Version created last time the us...
21/09/2023 05:33
Which file do I want to save?
Close
Credentials
Cloud Access
PuTTY Configuration
Category:
Basic options for your PuTTY session
Specify the destination you want to connect to
Host Name (or IP address)
Port
35.93.161.16
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
25°C Mostly cloudy
ENG
US
06:50
21/09/2023

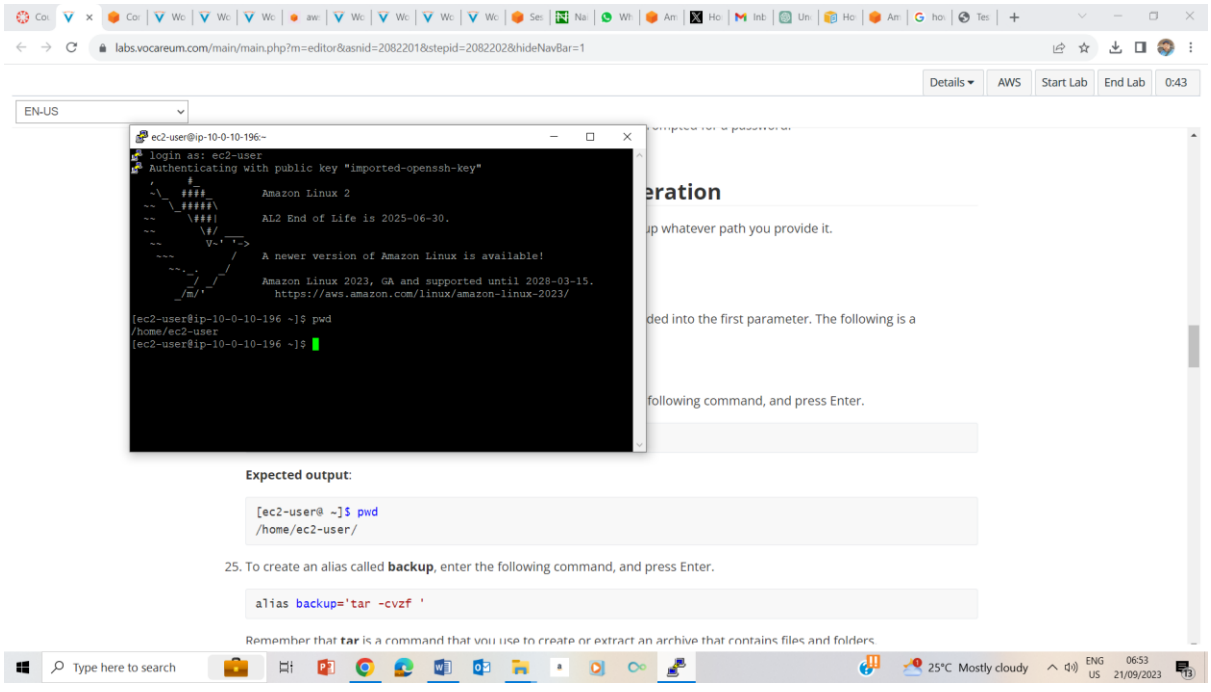

labs.vocareum.com/main/main.php?m=editor&asnid=2082201&stepid=2082202&hideNavBar=1
Details
AWS
Start Lab
End Lab
0:45
EN-US
3. At the top of these instructions, choose AWS.
This opens the AWS Management Console in a new browser tab. The system will automatically log you in.
Tip: If a new browser tab does not open, a banner or icon is usually at the top of your browser with a message that your browser is preventing the site from opening pop-up windows. Choose the banner or icon and then choose Allow pop ups.
4. Arrange the AWS Management Console tab so that it displays along side these instructions. Ideally, you will be able to see both browser tabs at the same time so that you can follow the lab steps mo
Task 1: Use SSH to connect to an Amazon L
In this task, you will connect to a Amazon Linux EC2 instance. You will use an SS
following instructions vary slightly depending on whether you are using Window
Windows Users: Using SSH to Connect
These instructions are specifically for Windows users. If you are using macOS
5. Select the Details drop-down menu above these instructions you are curr
Credentials window will be presented.
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 PublicIP address.
8. Then exit the Details panel by selecting the X.
PuTTY Configuration
Category:
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
25°C Mostly cloudy
ENG
US
06:50
21/09/2023


The Bash Shell lab - Word
35.93.161.16 - PuTTY
PuTTY Security Alert
The host key is not cached for this server:
35.93.161.16 (port 22)
You have no guarantee that the server is the computer you think it is.
The server's ssh-ed25519 key fingerprint is:
ssh-ed25519 255 SHA256:iGoOkQFHYSROEx+o3GlzQCyAxyn3A4L3MJXiQzhdFJU
If you trust this host, press "Accept" to add the key to PuTTY's cache and carry on connecting.
If you want to carry on connecting just once, without adding the key to the cache, press "Connect Once".
If you do not trust this host, press "Cancel" to abandon the connection.
Help
More info...
Accept
Connect Once
Cancel
Document Reco
Available Files
Which file do I want to save?
Close
Credentials window will be presented.
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 PublicIP address.
8. Then exit the Details panel by selecting the X.
Type here to search
25°C Mostly cloudy
ENG US
06:51
21/09/2023

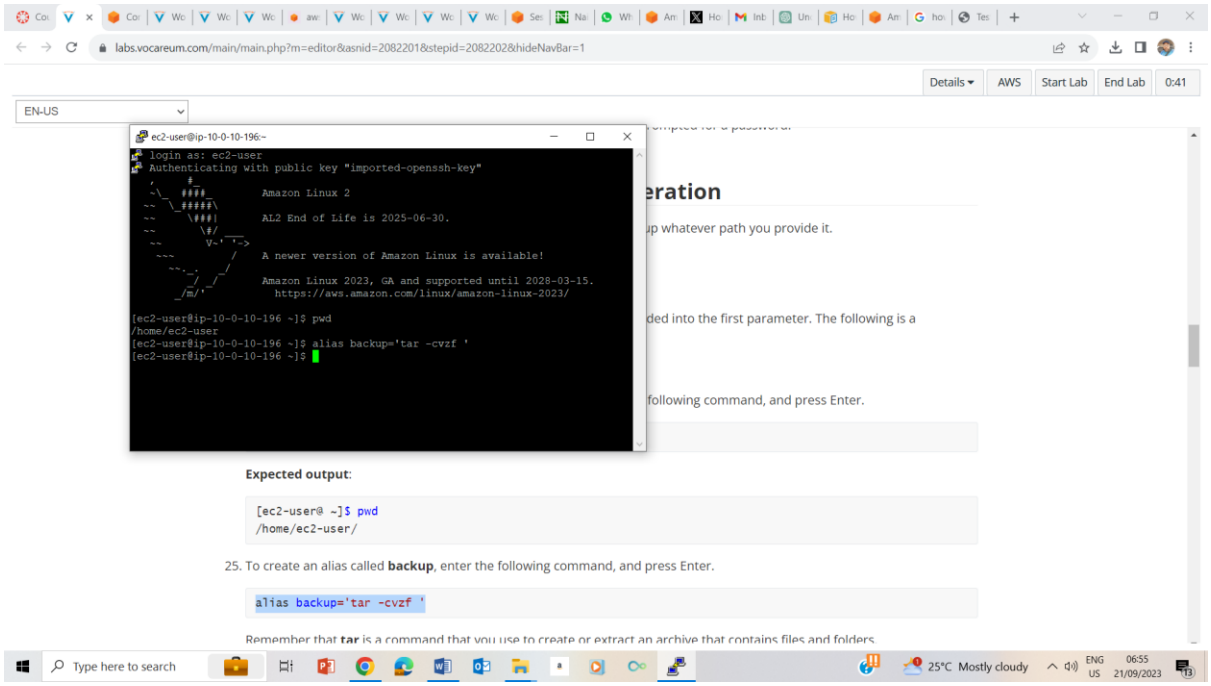

labs.vocareum.com/main/main.php?m=editor&asnid=2082201&stepid=2082202&hideNavBar=1
Details
AWS
Start Lab
End Lab
0:45
EN-US
35.93.161.16 - PuTTY
login as: ec2-user
system will automatically log you in.
at the top of your browser with a message that your
ose the banner or icon and then choose Allow pop
ide these instructions. Ideally, you will be able to see
eps more easily.
on Linux EC2 instance
an SSH utility to perform all of these operations. The
Windows or Mac/Linux.
These instructions are specifically for Windows users. If you are using macOS or Linux, skip to the next section.
5. Select the Details drop-down menu above these instructions you are currently reading, and then select Show. A Credentials window will be presented.
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 PublicIP address.
8. Then exit the Details panel by selecting the X.
Type here to search
25°C Mostly cloudy
ENG US
06:51
21/09/2023



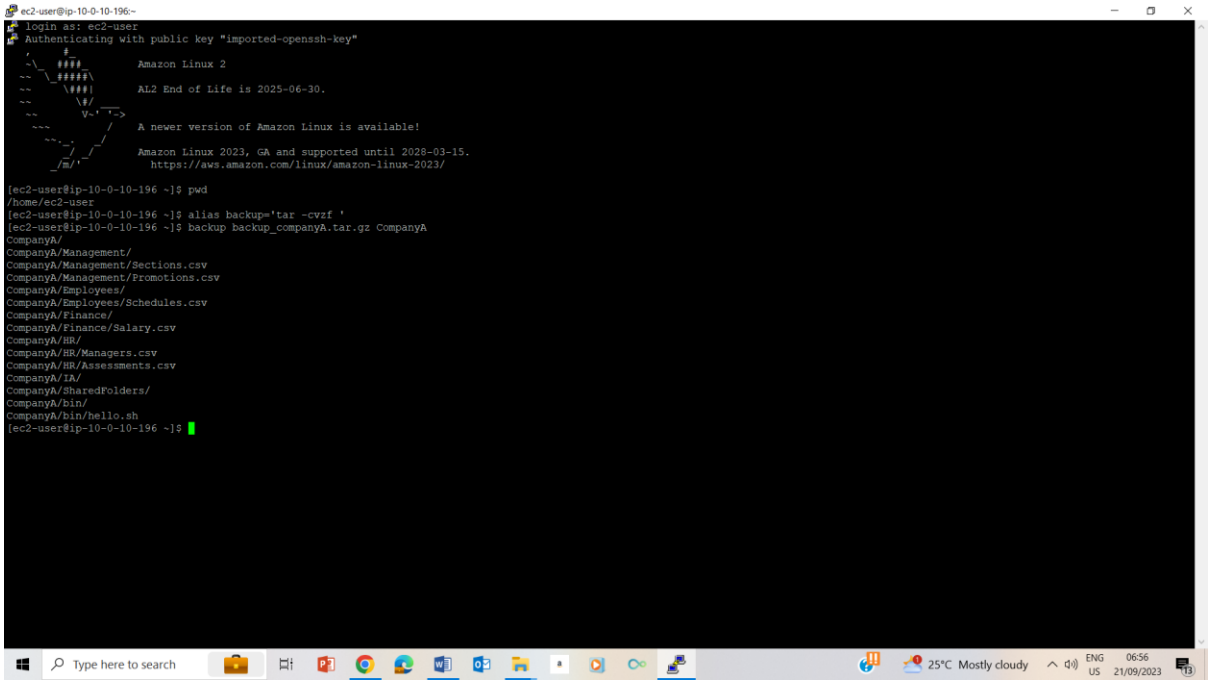
Task 2: Create an alias for a backup operation



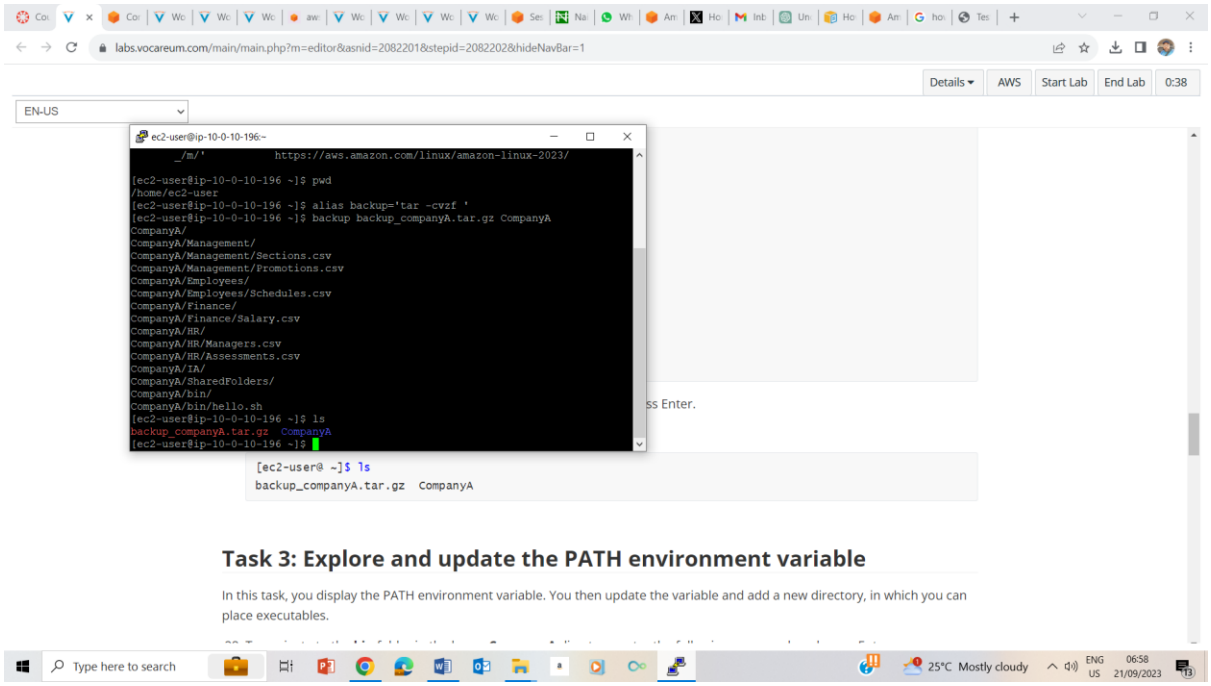
24. pwd to confirm that I am on the /home/ec2-user folder



25. creating an alias backup

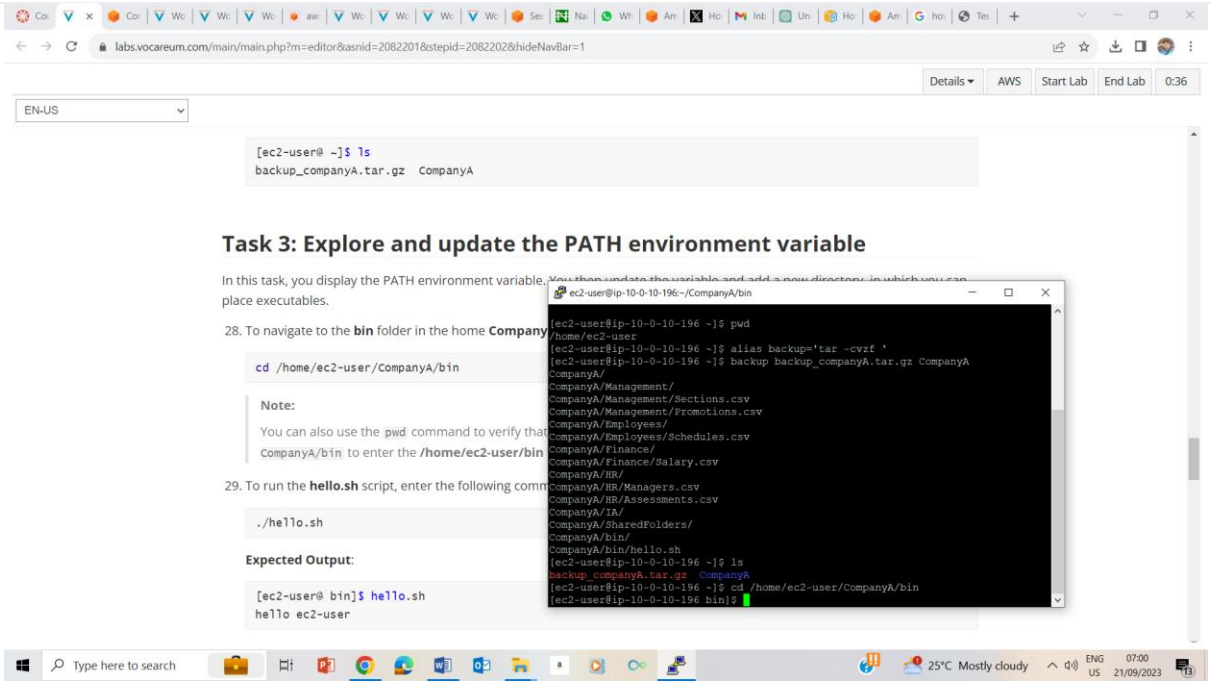


26. Use backup alias to backup CompanyA

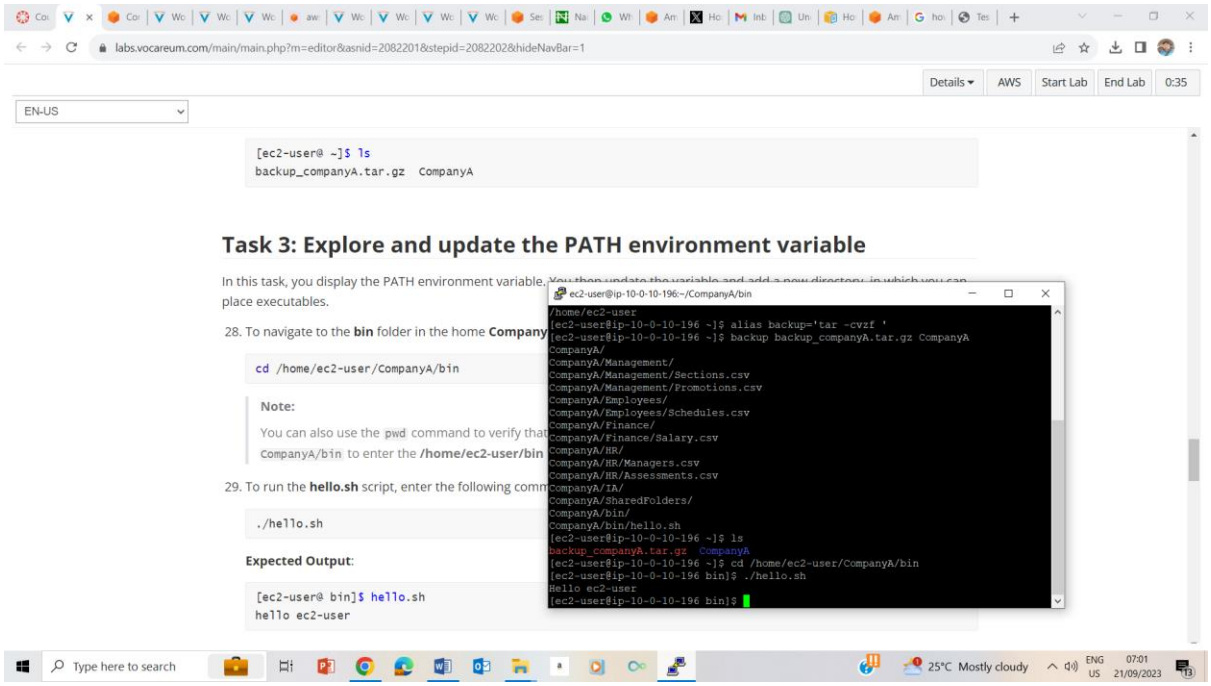


27. ls to show that the CompanyA is backed up

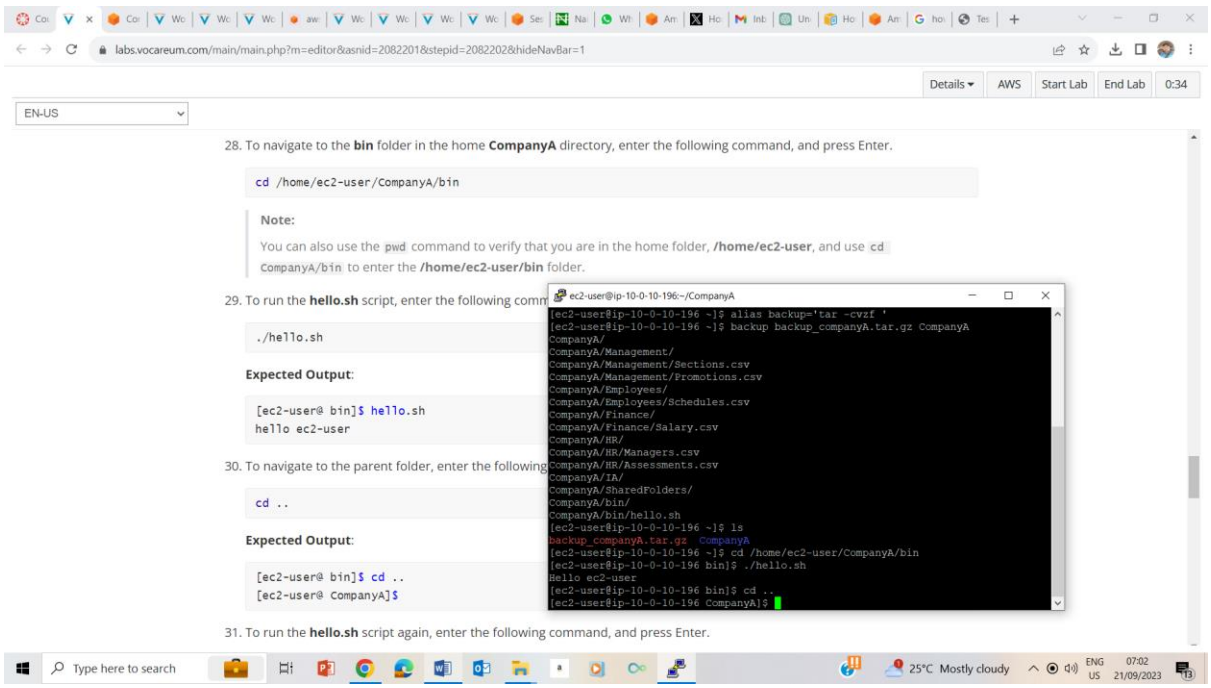
Task 3: Explore and update the PATH environment variable



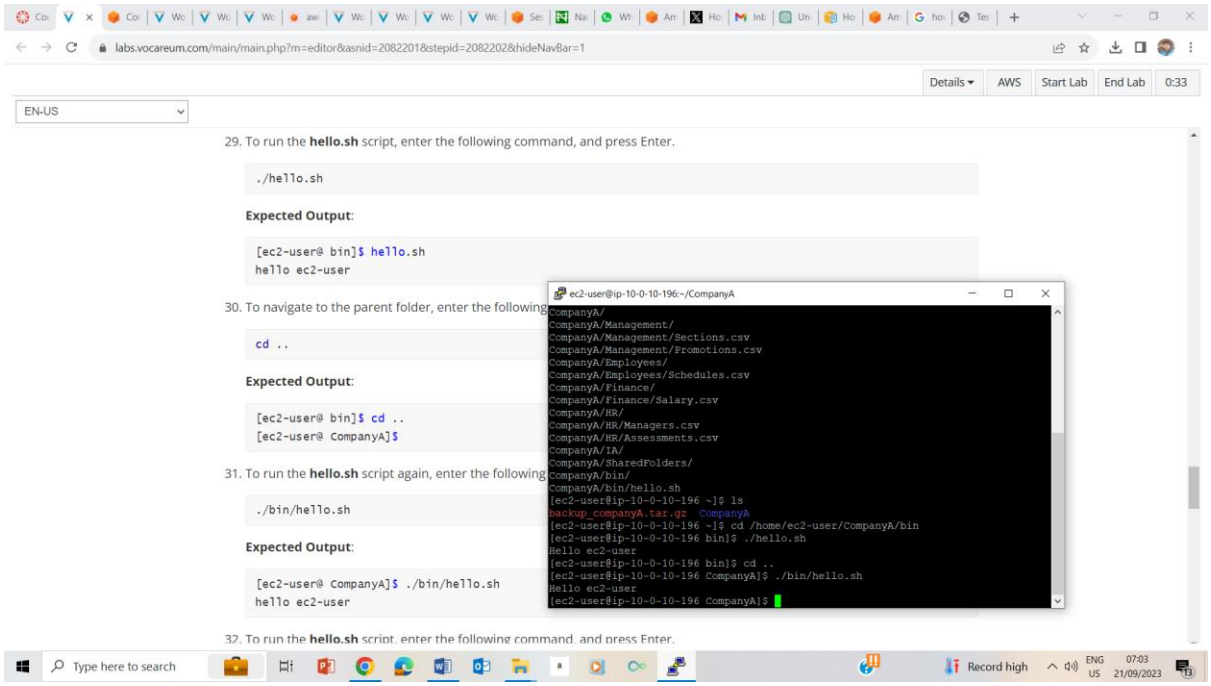
28. Navigate to the bin folder in the home directory of CompanyA



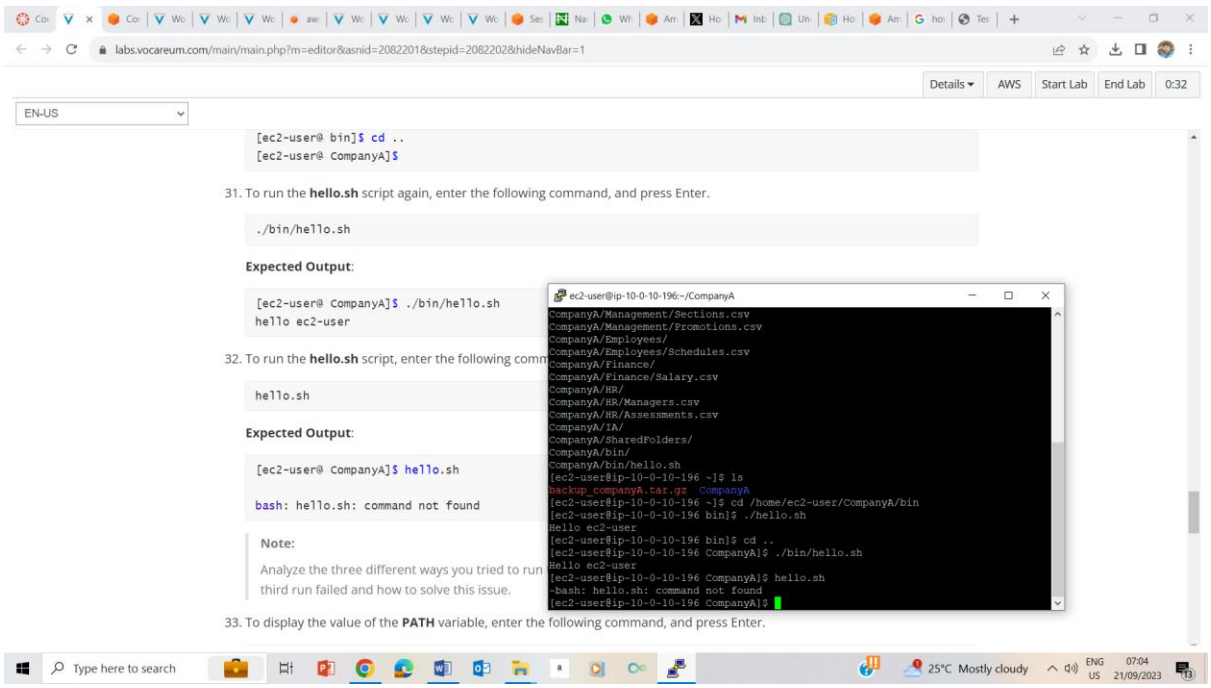
29. running hello.sh script



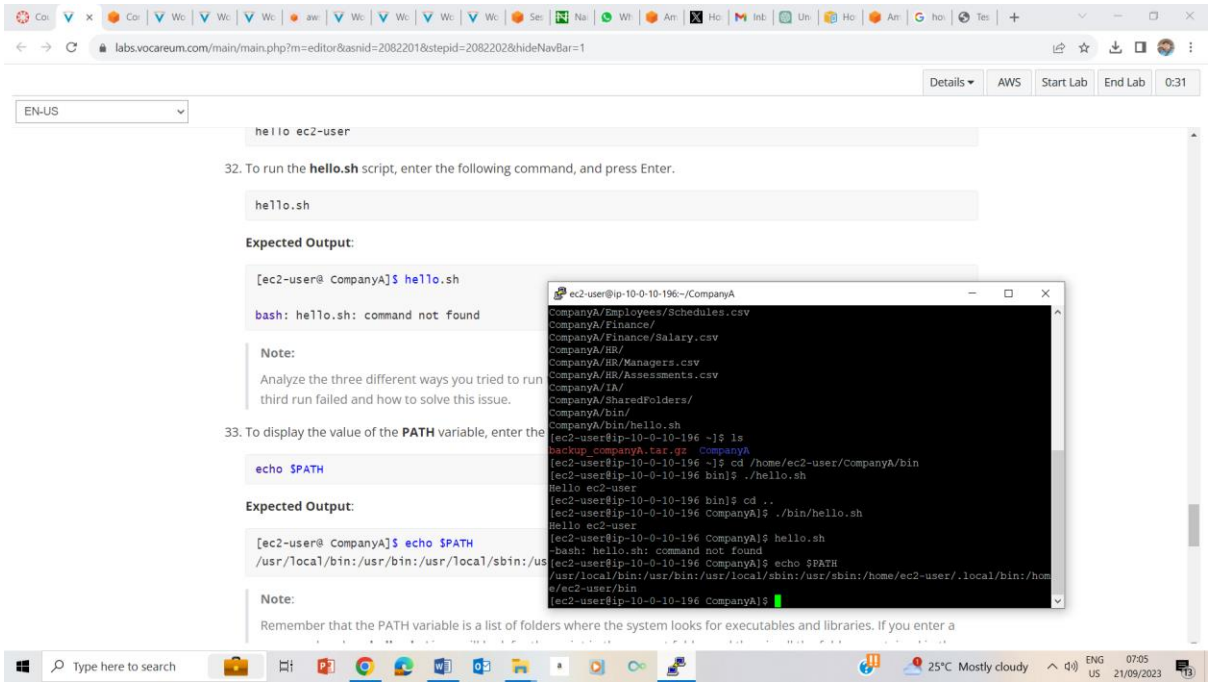
30. Navigating to the parent folder using cd..



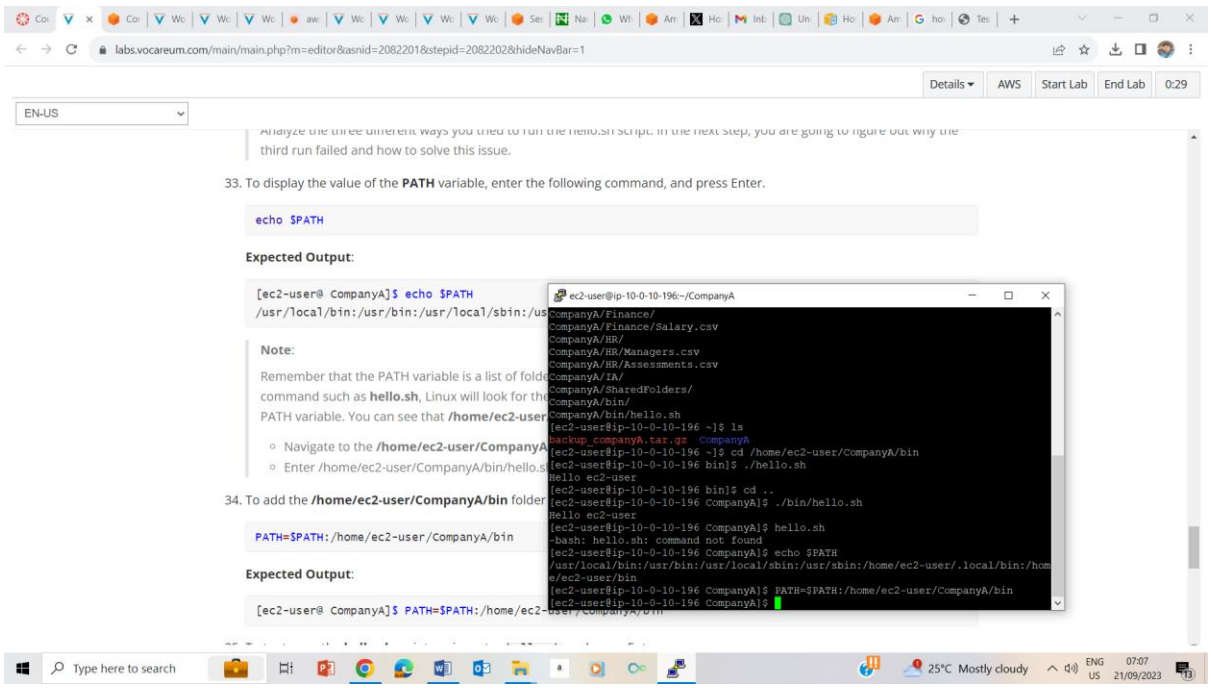
31. running the hello.sh script again



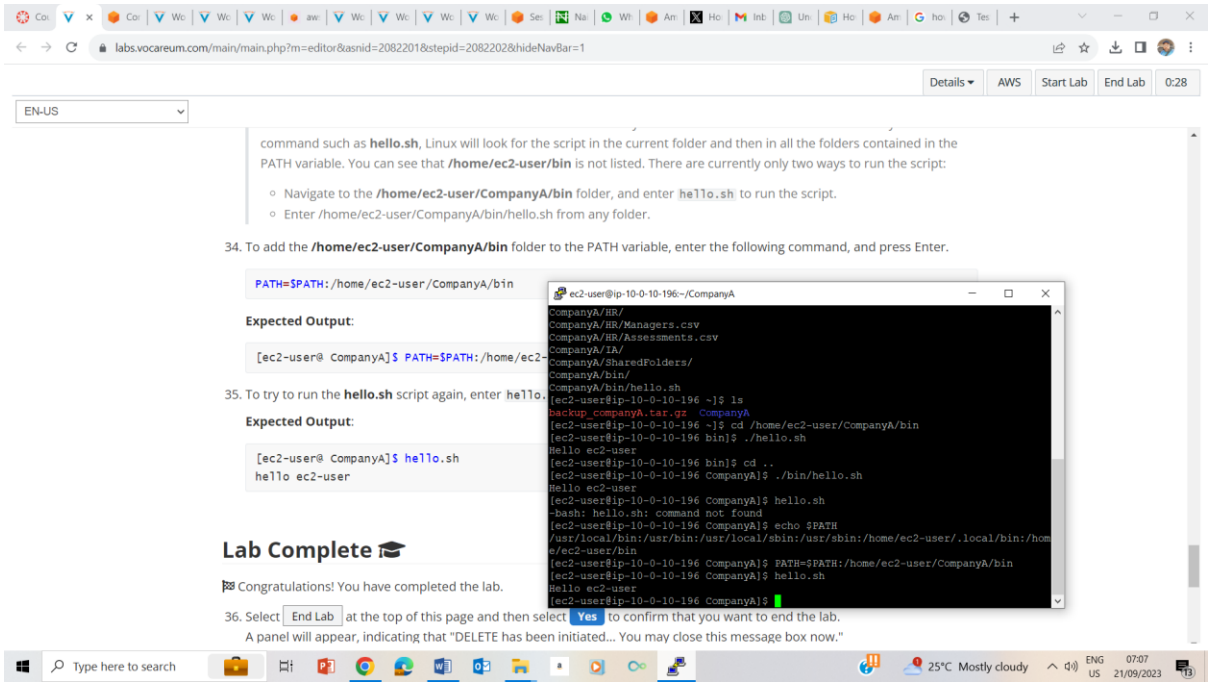
32. running hello.sh, showing command not found



33. echo $PATH

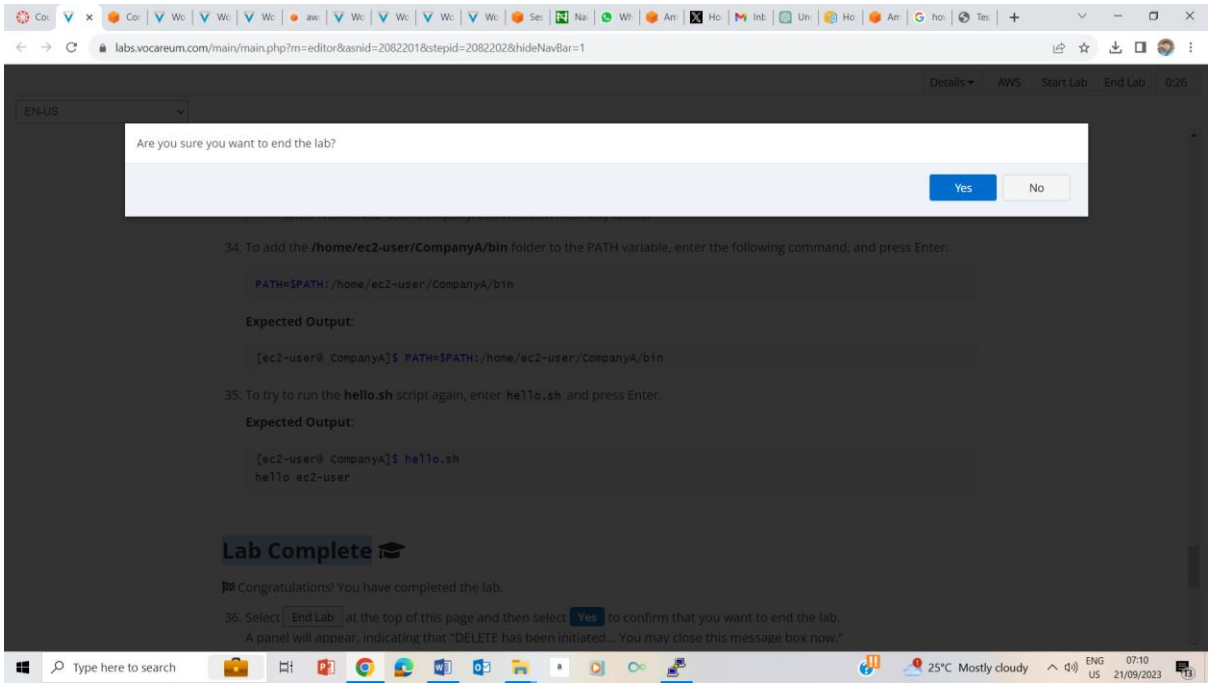


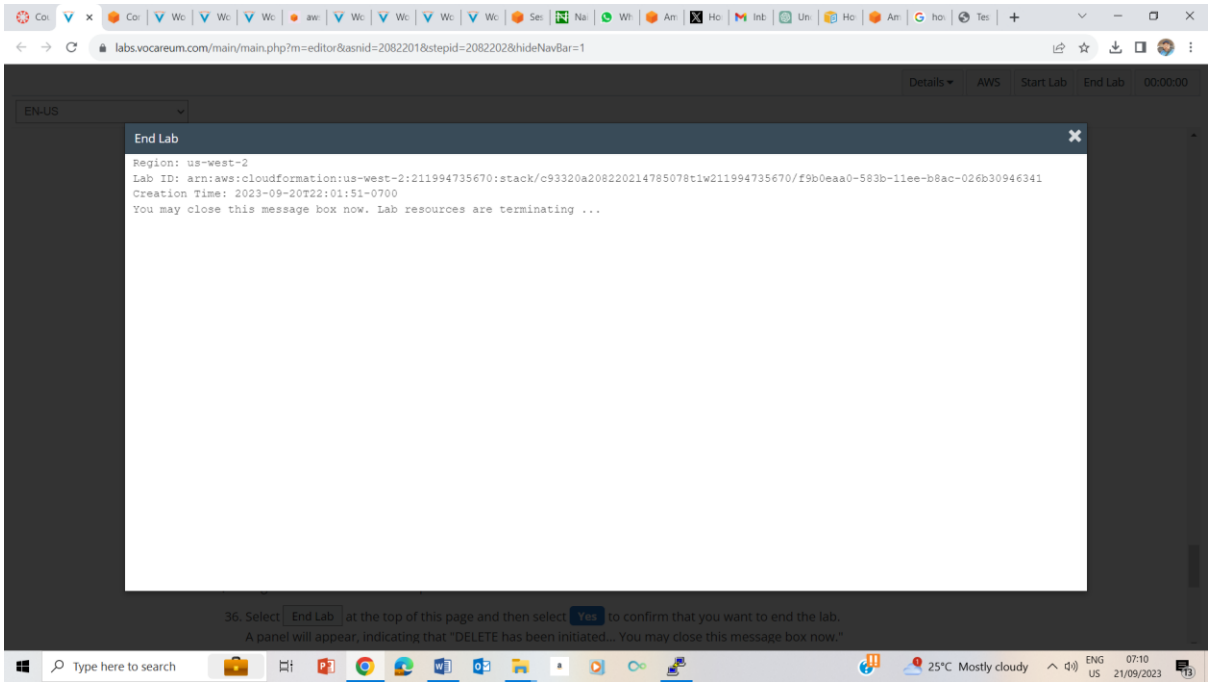
34. adding /home/ec2-user/companyA/bin folder to the PATH variable.



35. running heelo.sh script with the command hello.sh and resulting in hello ec2-user

Lab Complete




labs.vocareum.com/main/main.php?m=editor&asnid=2082201&stepid=2082202&hideNavBar=1
Details
AWS
Start Lab
End Lab
00:00:00
EN-US
End Lab
Region: us-west-2
Lab ID: arn:aws:cloudformation:us-west-2:211994735670:stack/c93320a208220214785078t1w211994735670/f9b0eaa0-583b-11ee-b8ac-026b30946341
Creation Time: 2023-09-20T22:01:51-0700
You may close this message box now. Lab resources are terminating ...
36. Select End Lab at the top of this page and then select Yes to confirm that you want to end the lab.
A panel will appear, indicating that "DELETE has been initiated... You may close this message box now."
Type here to search
25°C Mostly cloudy
ENG
US
07:10
21/09/2023