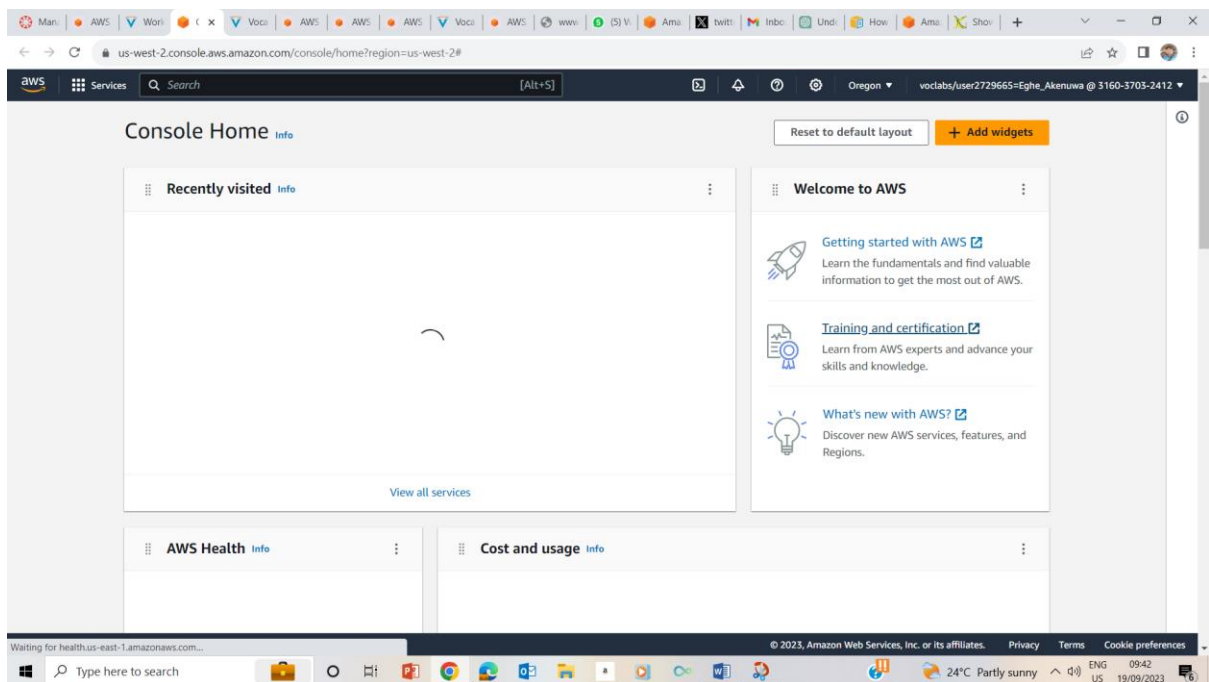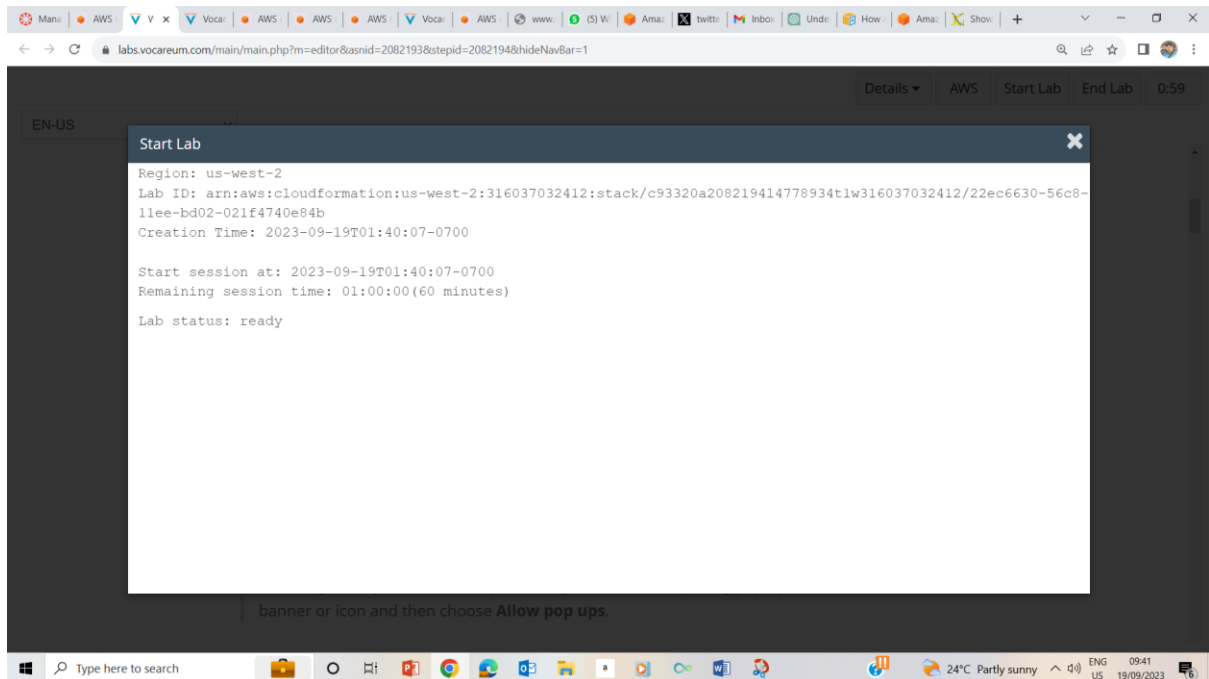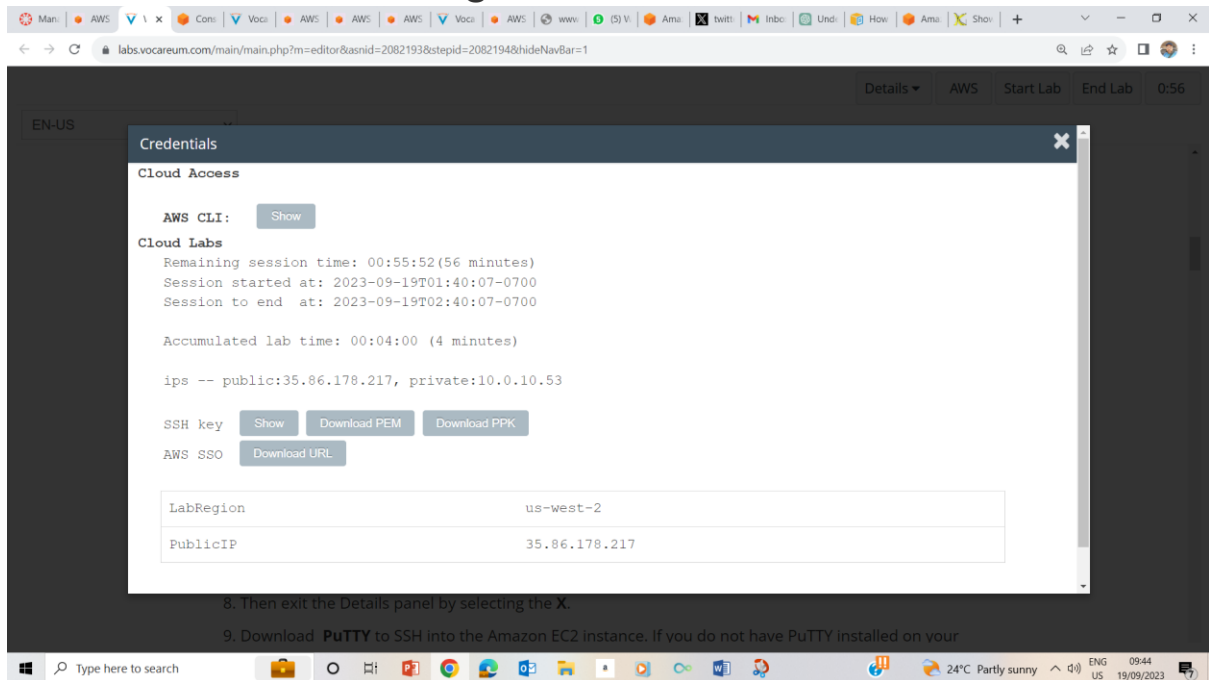# Working with Commands Lab

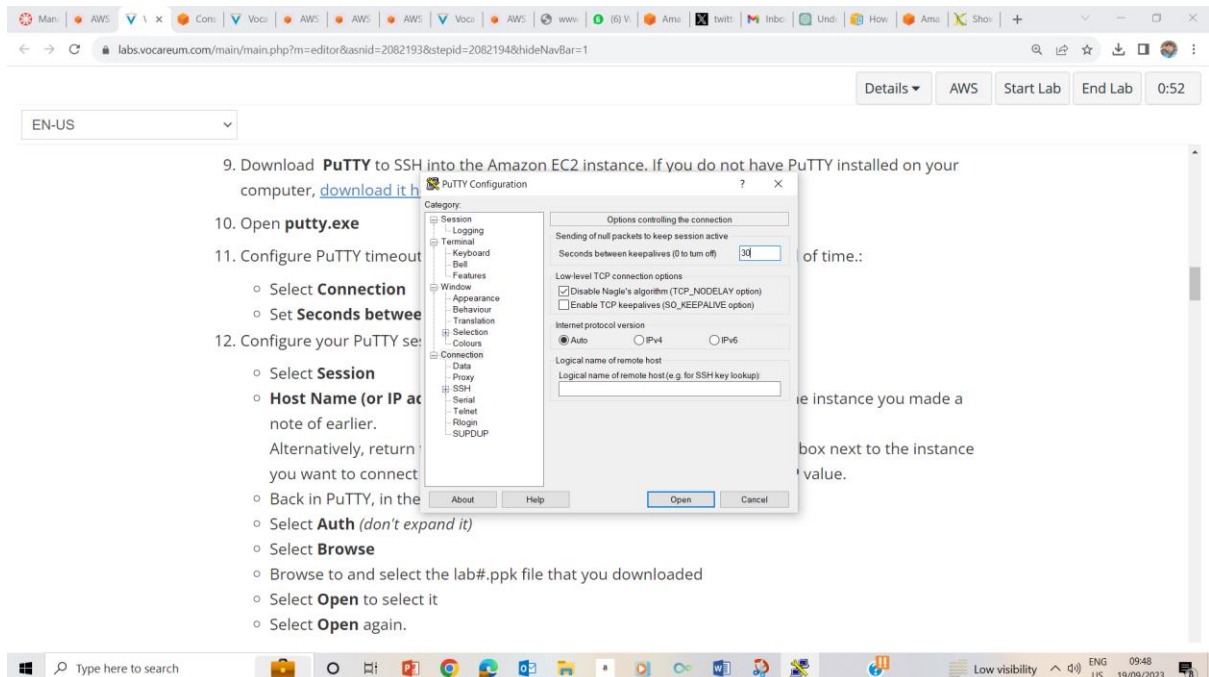## Accessing the AWS Management Console

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

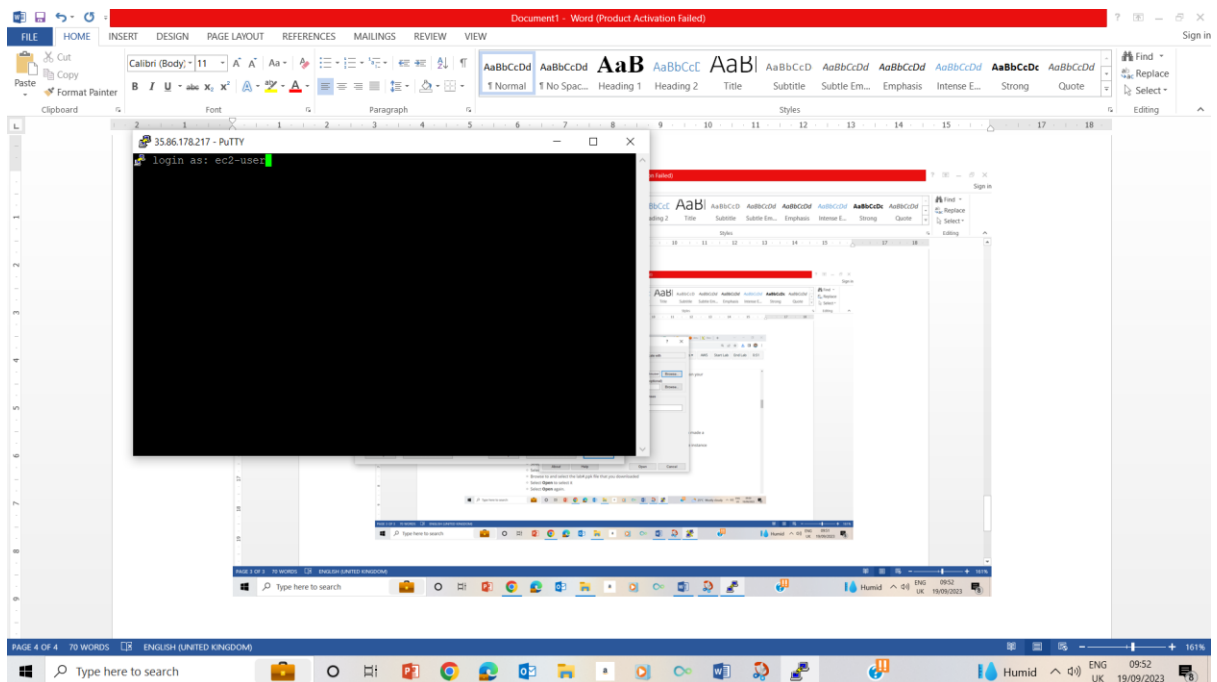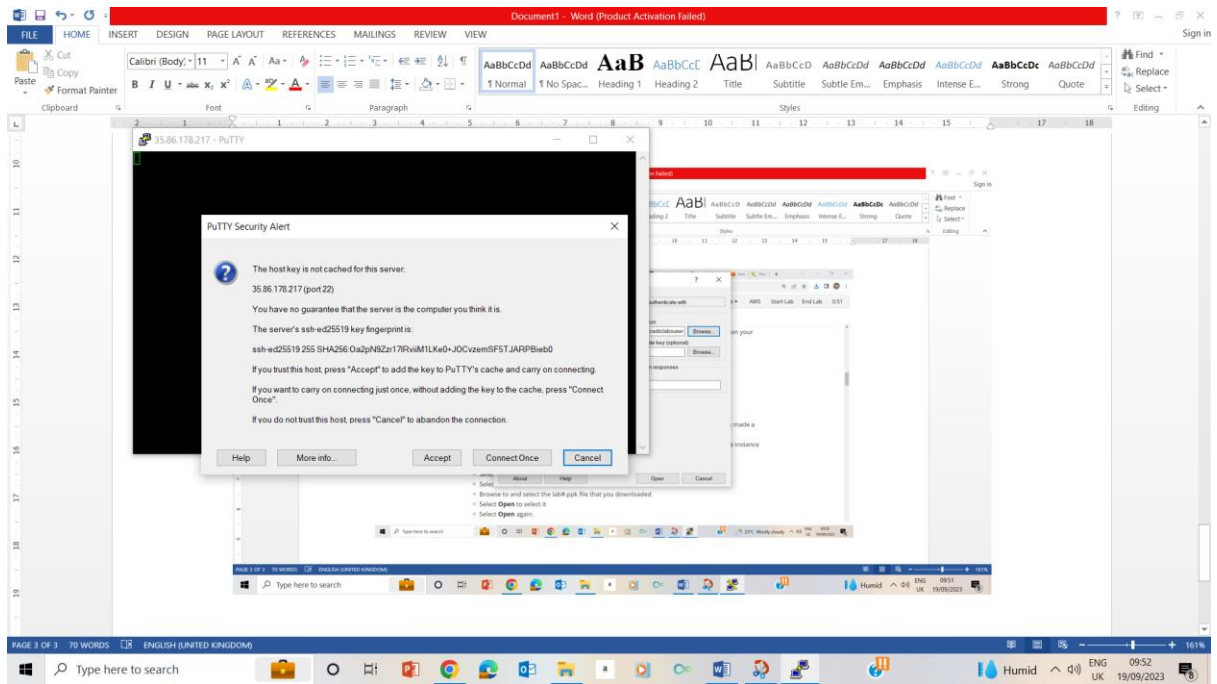## Windows Users: Using SSH to Connect

5-8. Clicked on the AWS dropdown box, clicked on show, downloaded ppk on the credentials page, made a note of the public ip address – 35.86.178.217 and exited the details panel by pressing the x.

9 configured putty connection time to 30 seconds

9. Download **PuTTY** to SSH into the Amazon EC2 instance. If you do not have PuTTY 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 a...** 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 expand it)
   ○ Select **Browse**
   ○ Browse to and select the lab#.ppk file that you downloaded
   ○ Select **Open** to select it
   ○ Select **Open** again.

PuTTY Configuration dialog (top):
- Category: Session, Logging, Terminal, Keyboard, Bell, Features, Window, Appearance, Behaviour, Translation, Selection, Colours, Connection, Data, Proxy, SSH, Serial, Telnet, Rlogin, SUPDUP
- Basic options for your PuTTY session
- Specify the destination you want to connect to
- Host Name (or IP address): 35.86.178.217   Port: 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

PuTTY Configuration dialog (bottom, in Word document):
- 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
- Category: Logging, Terminal, Keyboard, Bell, Features, Window, Appearance, Behaviour, Translation, Selection, Colours, Connection, Data, Proxy, SSH, Kex, Host keys, Cipher, Auth, Credentials, GSSAPI, TTY, X11, Tunnels
- About / Help / Open / Cancel

35.86.178.217 - PuTTY

PuTTY Security Alert

The host key is not cached for this server:

35.86.178.217 (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:Oa2pN9Zzr17RviiM1LKe0+JOCvzemSF5TJARPBieb0

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 |

35.86.178.217 - PuTTY

```
login as: ec2-user
```

10-15 Configuring the Putty

Task 2: Use the tee command

24. Used pwd to validate that I am in the home folder /home/ec2-user

25.

Task 3: Use the sort command and pipe operator

27. Used pwd to confirm that I am in the /home/ec2-user folder.

28-30. Enter $cat > test.csv$ and press Enter to list the names and pressed ctrl+d to exit.

31. used ls command to check if the test.csv file is in the folder.

32. sorting test.csv contents.

Task 4: Use the cut command

35-37. Used cat > cities.csv and entered cities and headquarters and used ctrl+d to exit the file.

38. Usage of cut command.

Additional Challenge:

Lab Complete

EN-US

End Lab   ✖

```
Region: us-west-2
Lab ID: arn:aws:cloudformation:us-west-2:316037032412:stack/c93320a208219414778934t1w316037032412/22ec6630-56c8-
11ee-bd02-021f4740e84b
Creation Time: 2023-09-19T01:40:07-0700
You may close this message box now. Lab resources are terminating ...
```

Amazon EC2 provides a wide selection of *instance types* optimized to fit different use cases. Instance types