

## **Cloud Computing Practical Assignment No 5**

### **Working and Implementation of Infrastructure as a service**

Launch Your Amazon EC2 Instance. Write the shell script in the User Data box.

The script will:

- Install an Apache web server (httpd)
- Configure the web server to automatically start on boot
- Run the Web server once it has finished installing
- Create a simple web page

Update Your Security Group and Access the Web Server.

(Use AWS Platform)

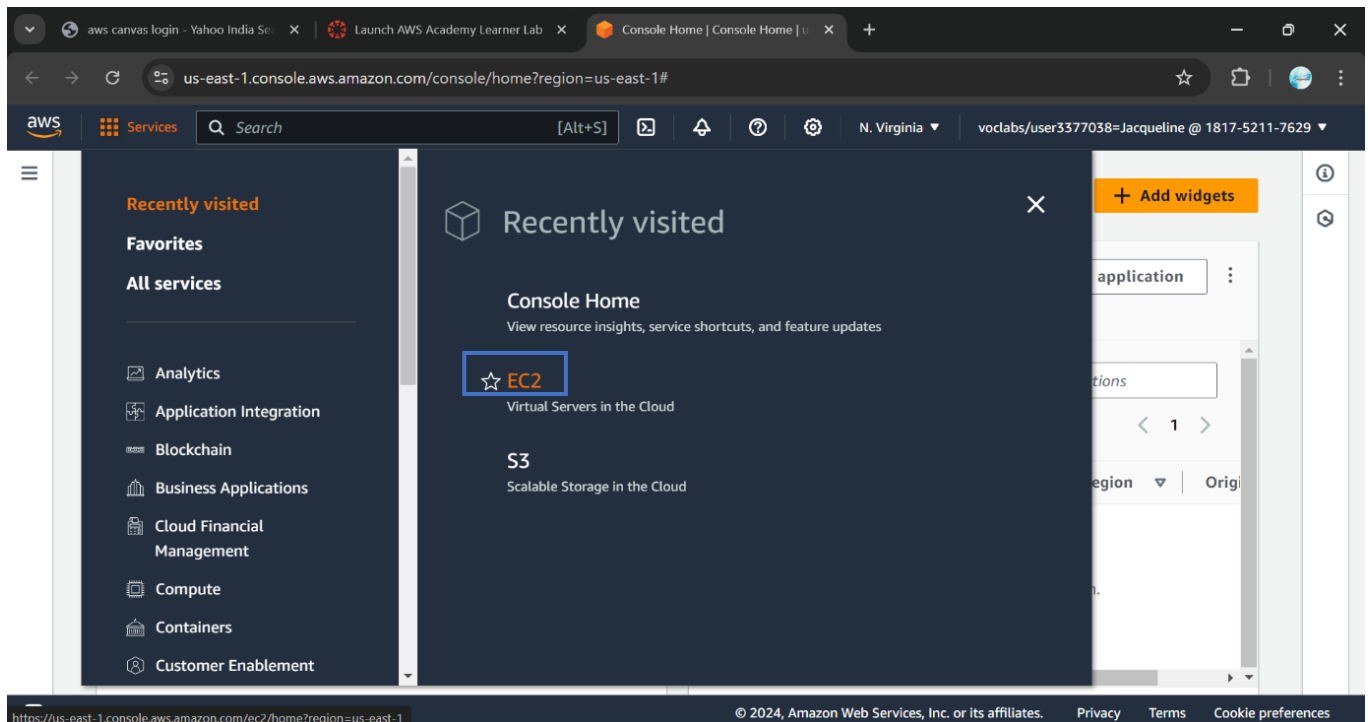
Prepare a Screenshots file and write down the steps.

Make a single word or PDF file

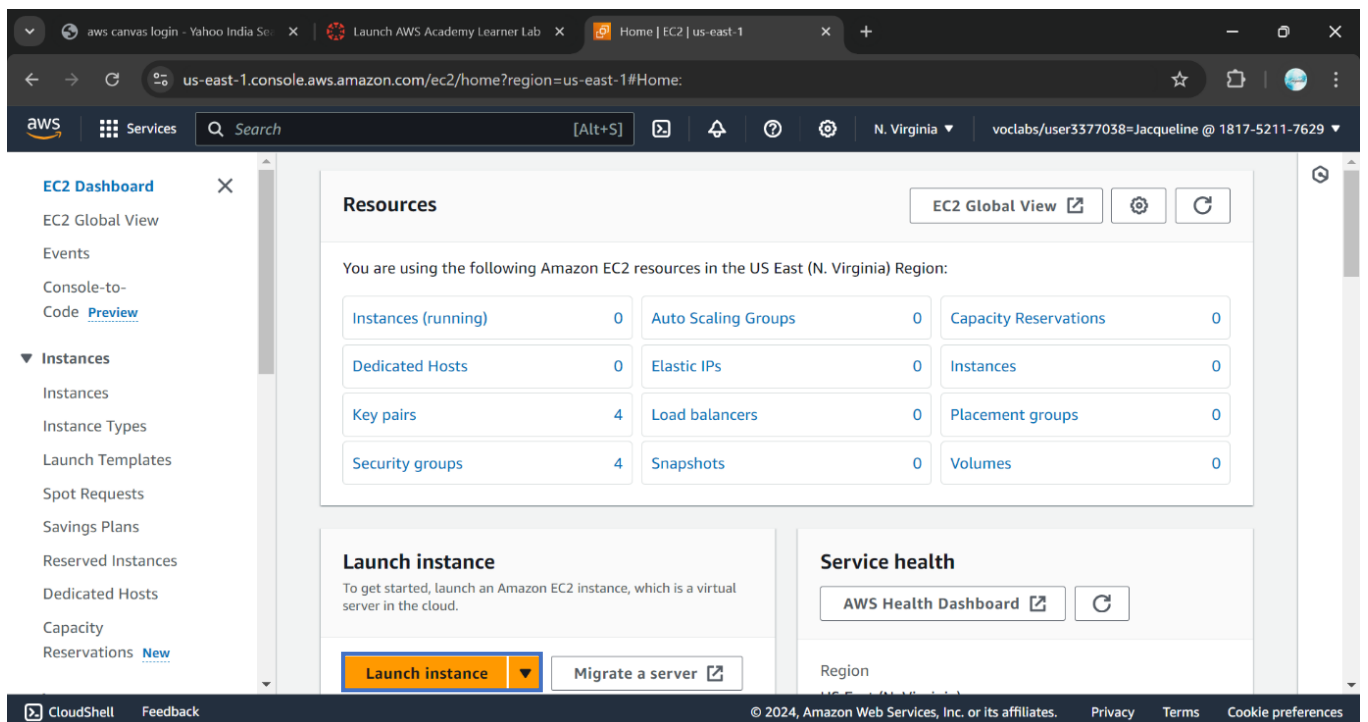
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### **Task 1: Launch Your Amazon EC2 Instance.**

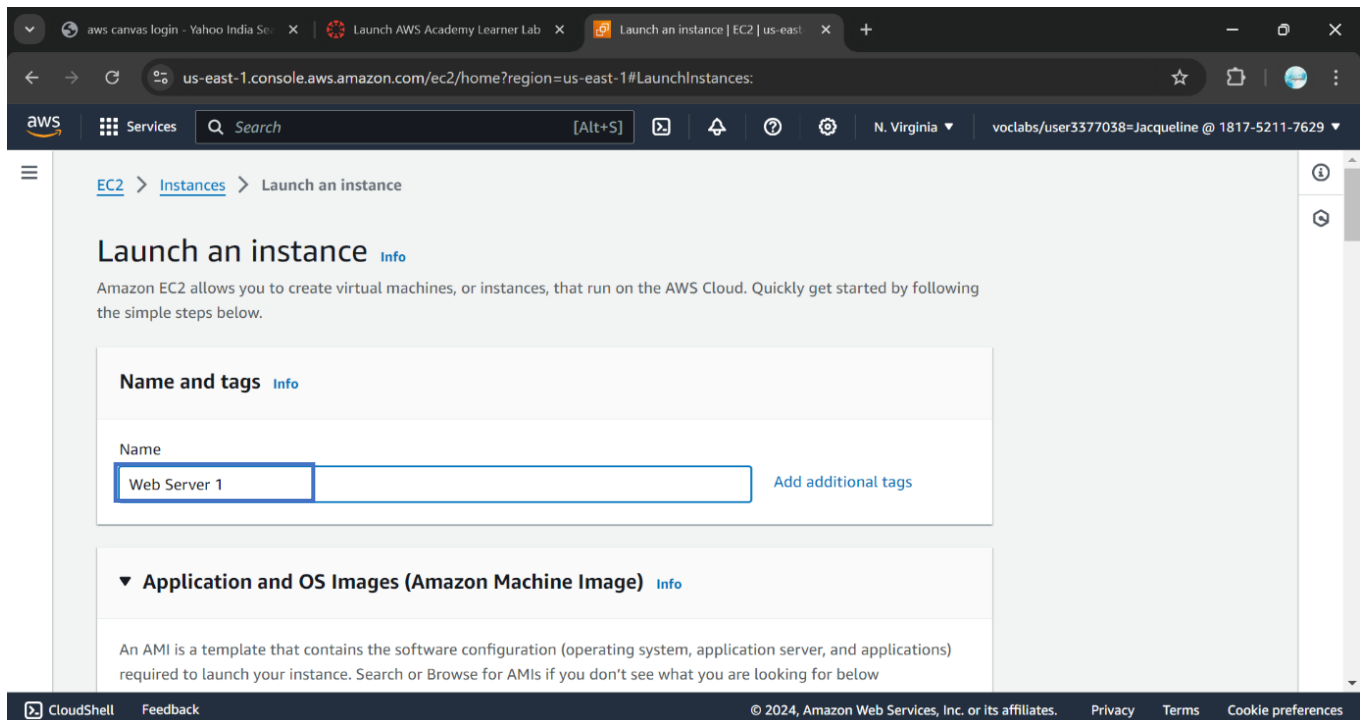
Step 1: Select the Compute Service and in that select EC2.



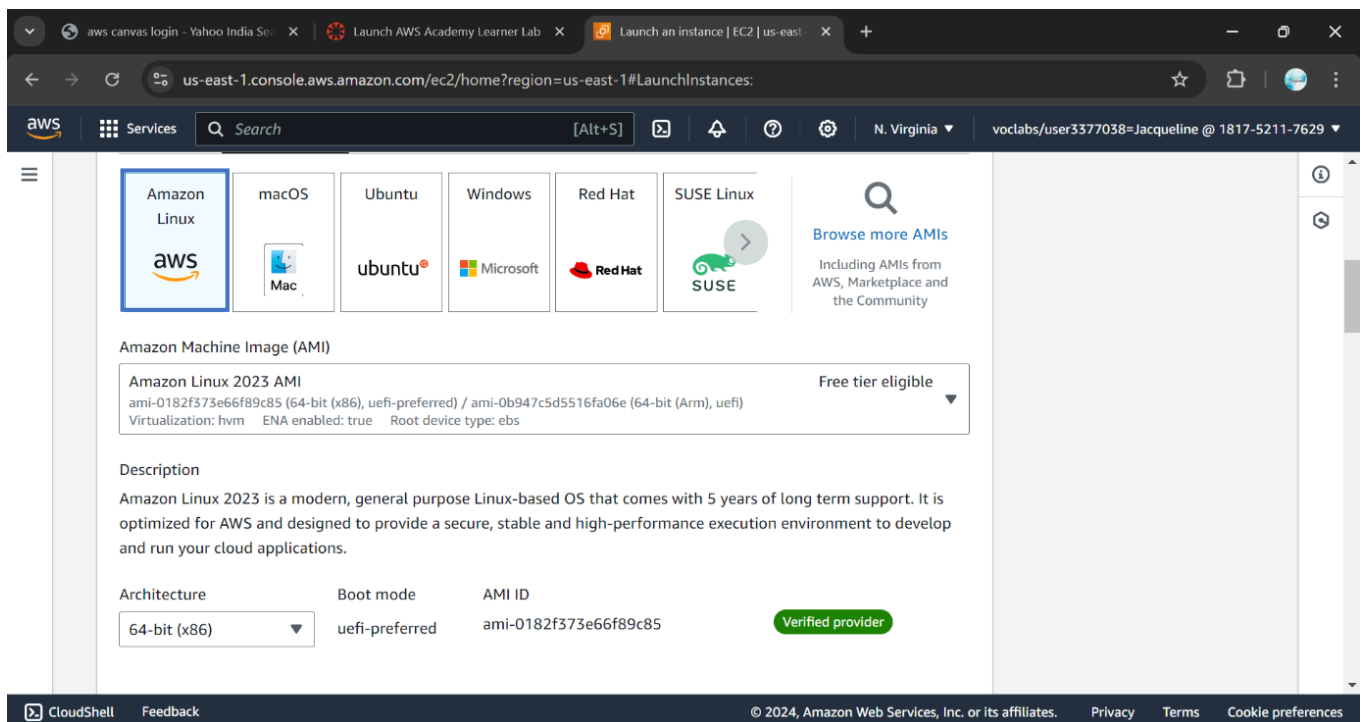
Step 2: Choose the ‘Launch instance’ menu and select **Launch instance**.



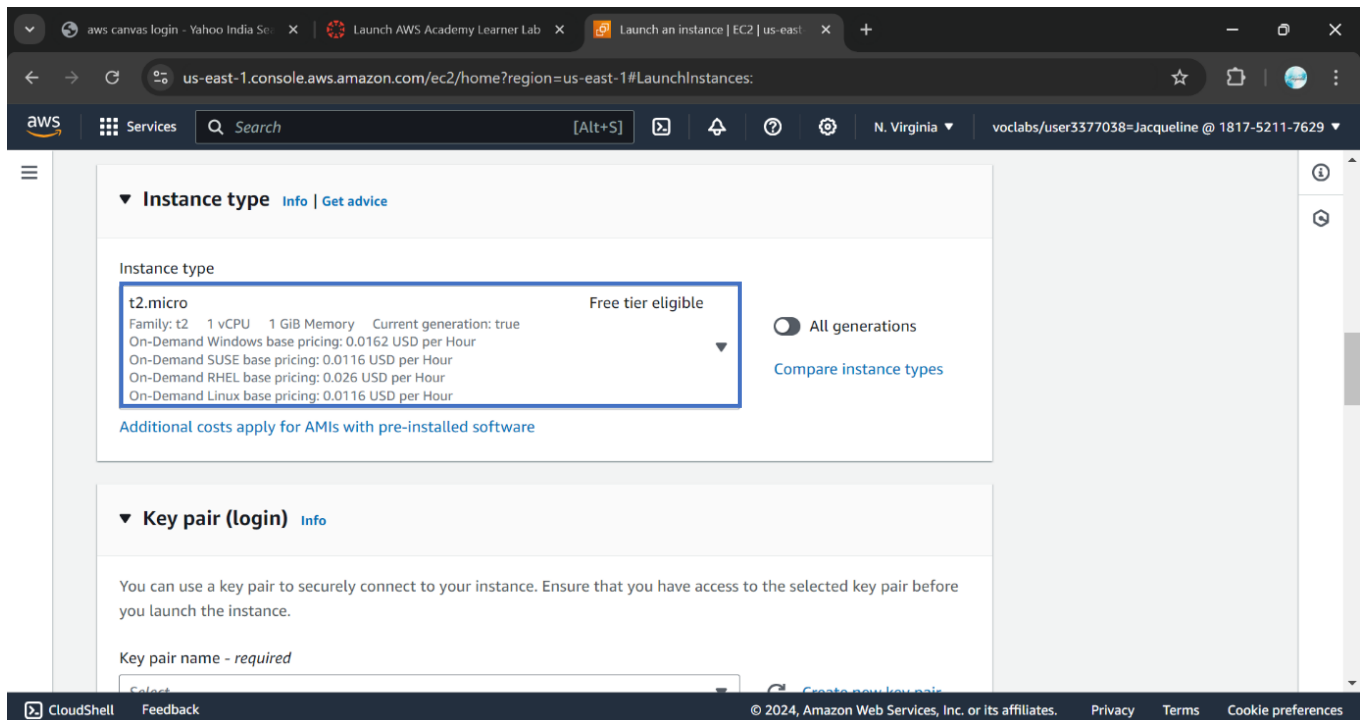
Step 3: Give the name as Web Server1.



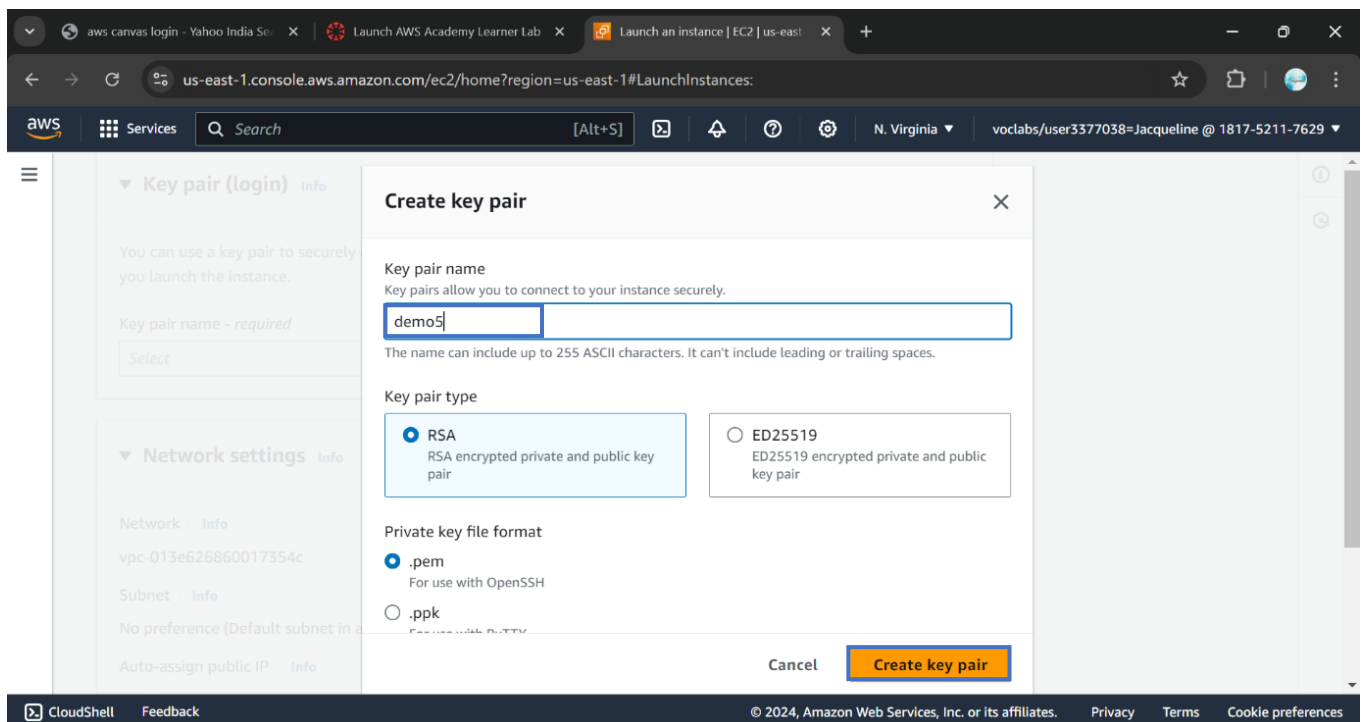
Step 4: Select the AMI as Linux.



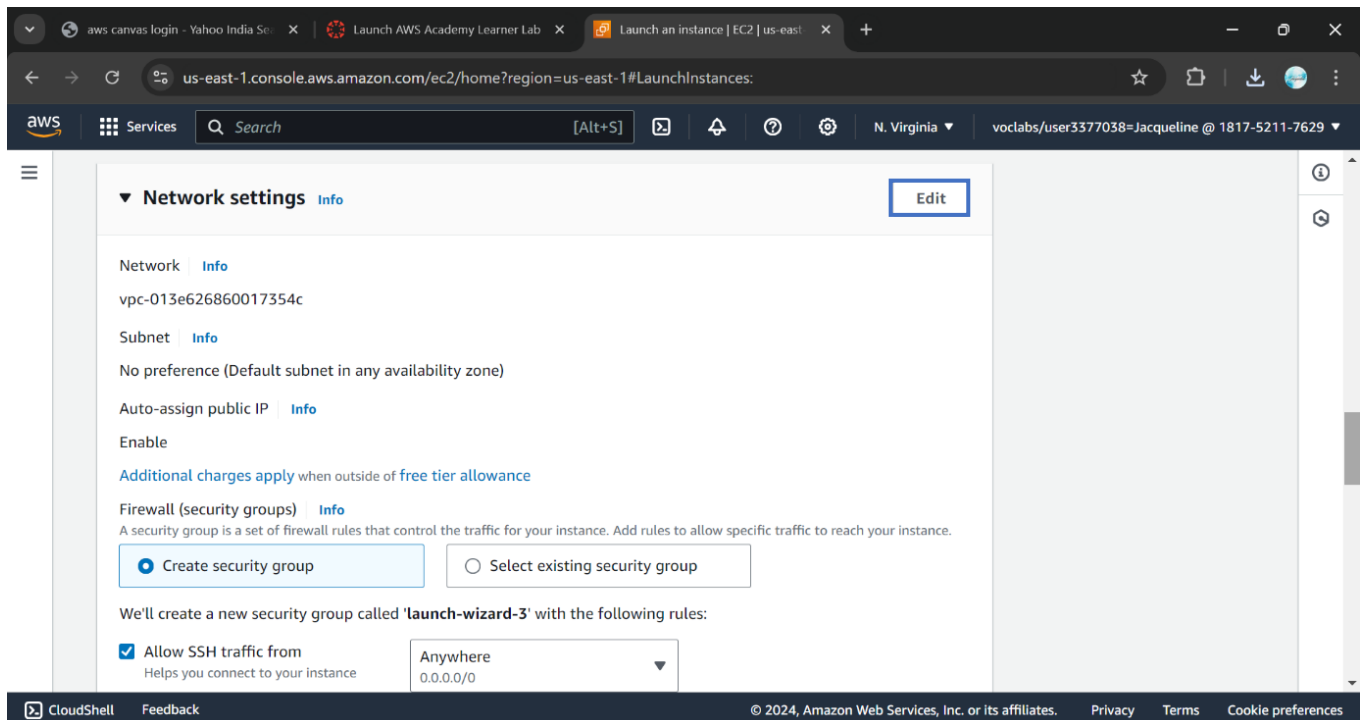
Step 5: Select the instance type as t2.micro.



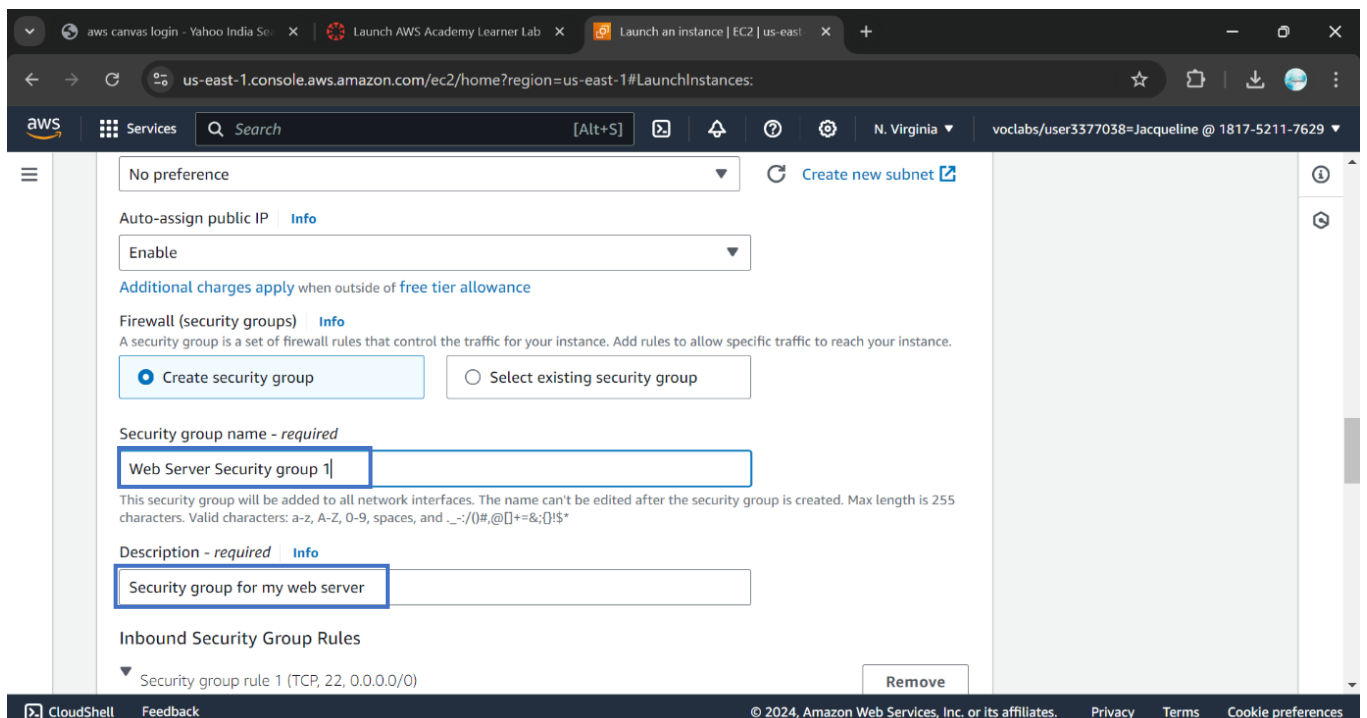
Step 6: Give the key name.



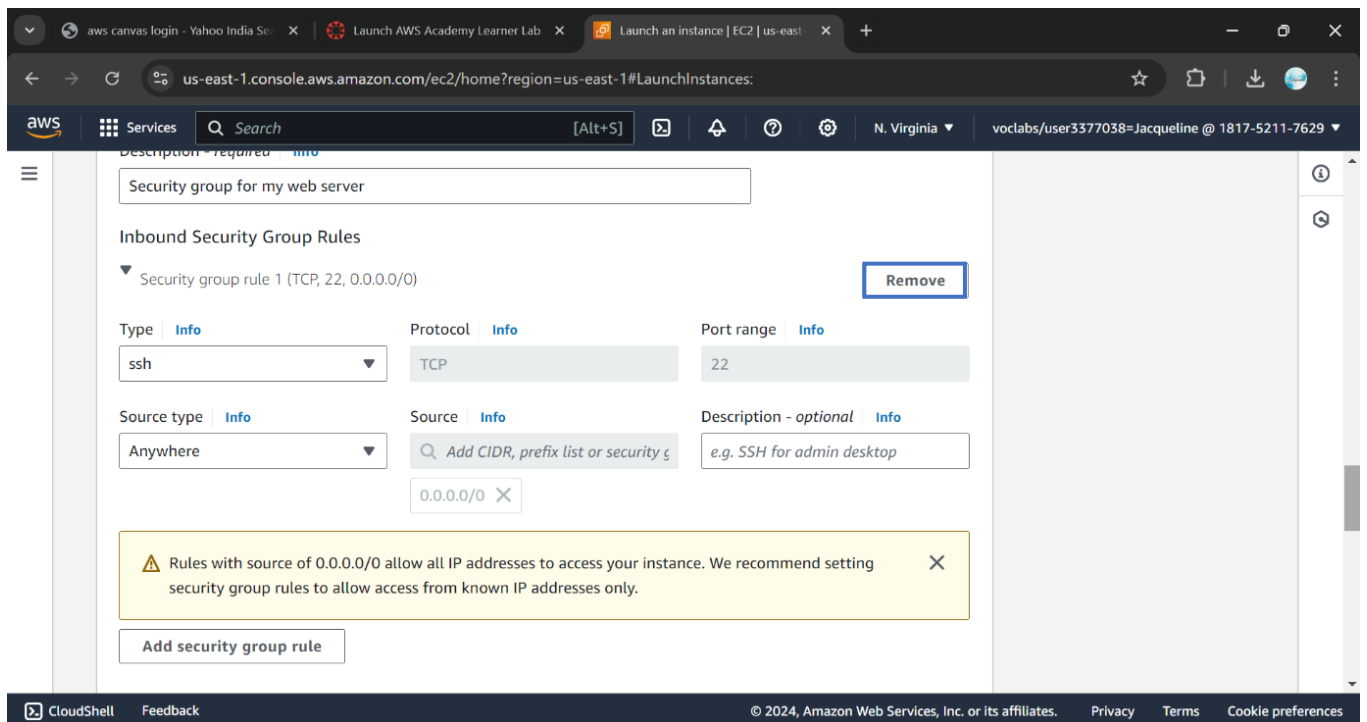
Step 7: In Network Setting choose edit.



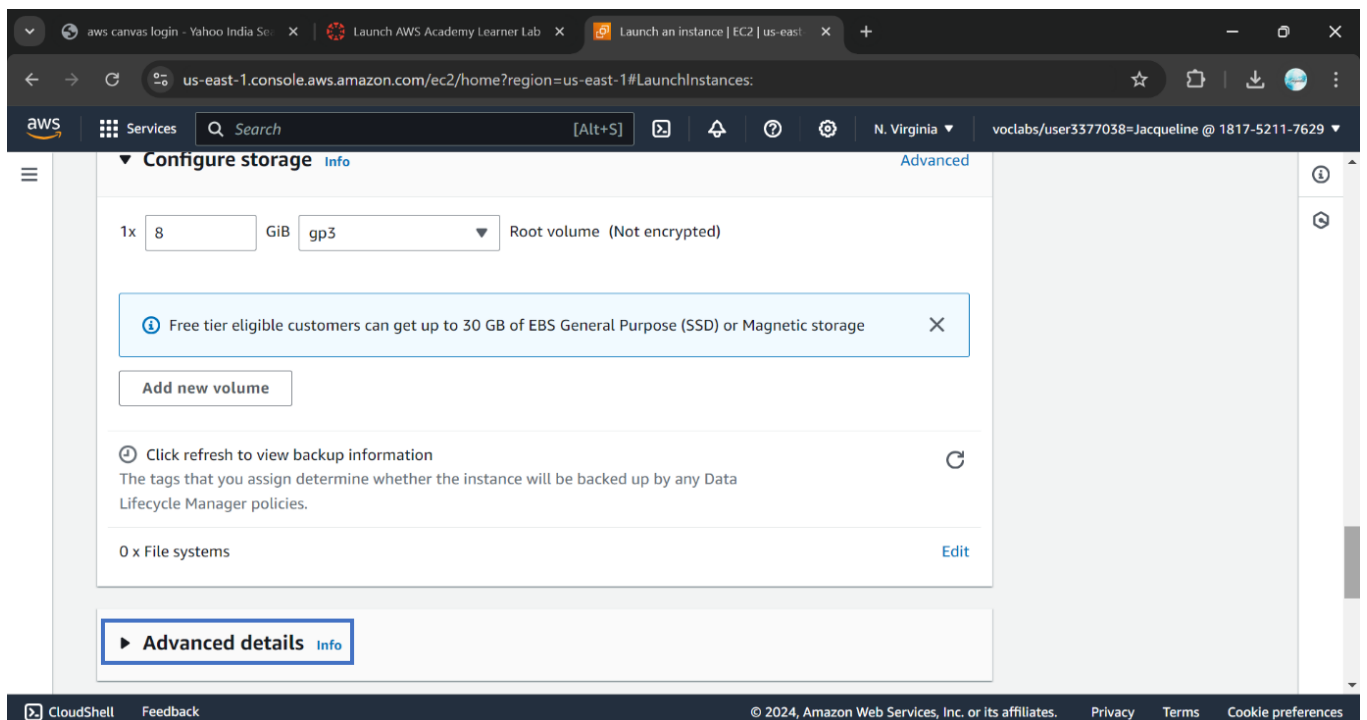
Step 8: In firewall security group change the security group name and description.

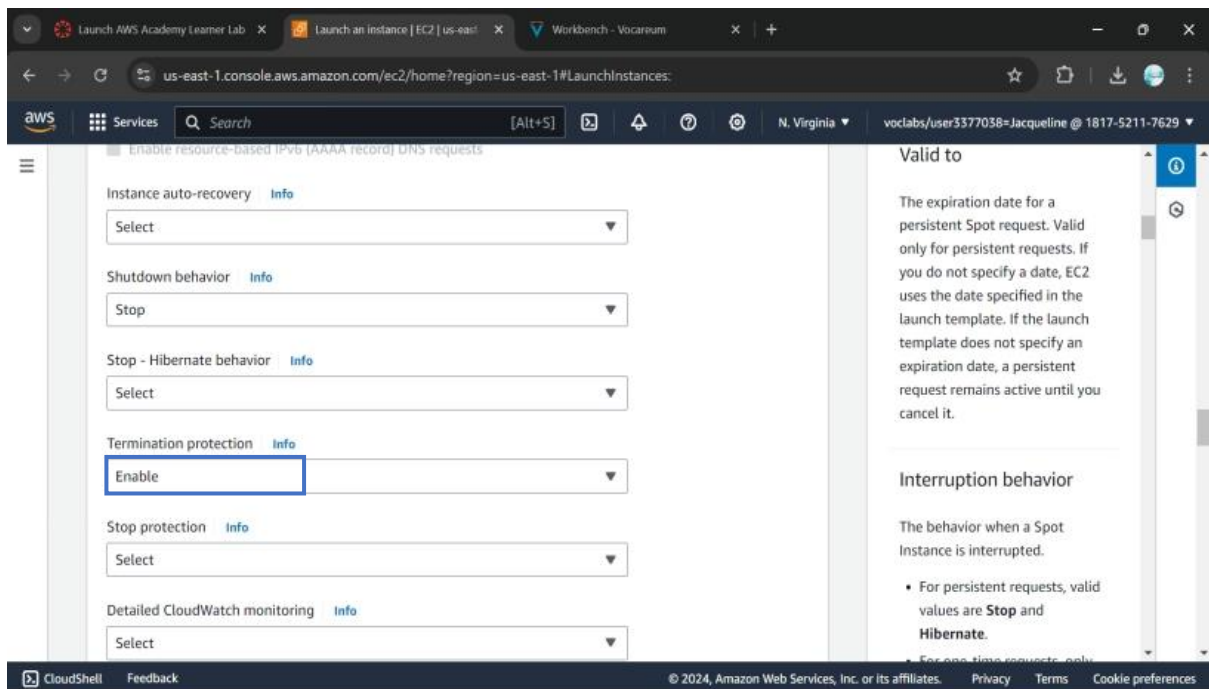


Step 9: In **Inbound security group rules** there is one rule **Remove** this rule.

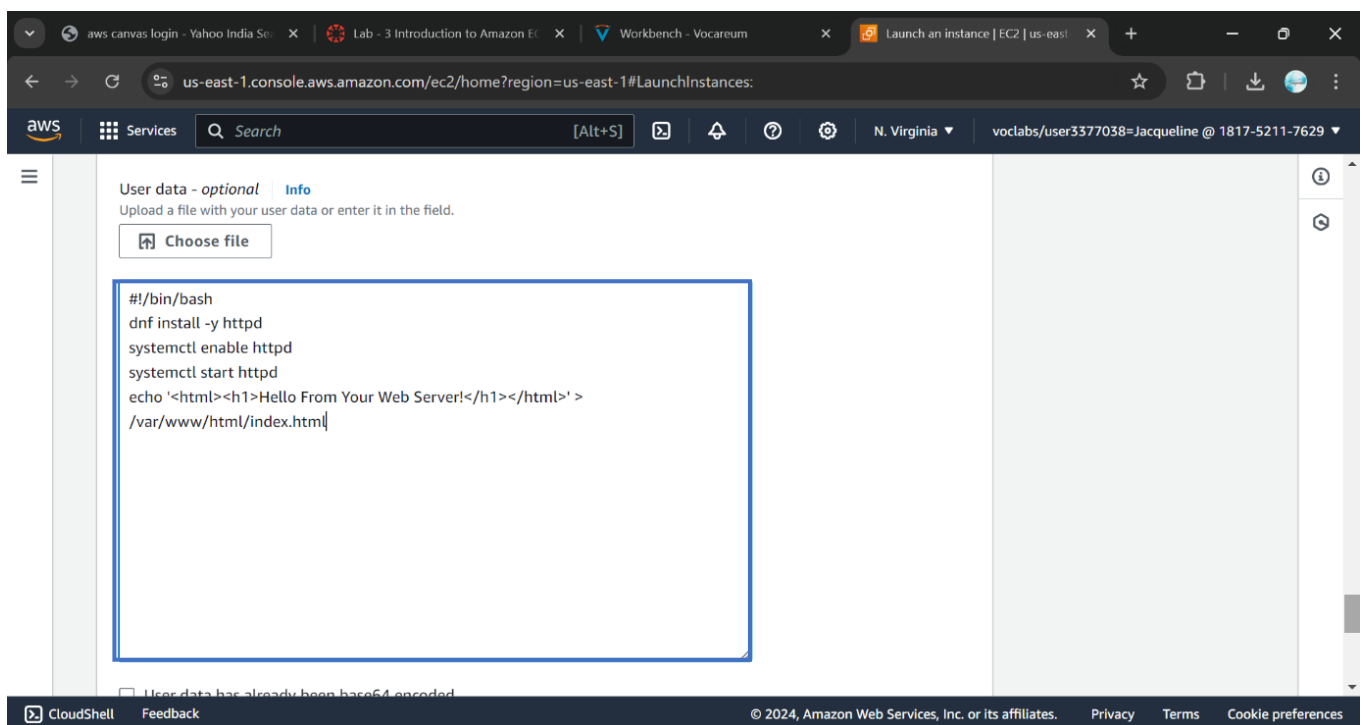


Step 10: In Advanced details enable the termination protection setting.



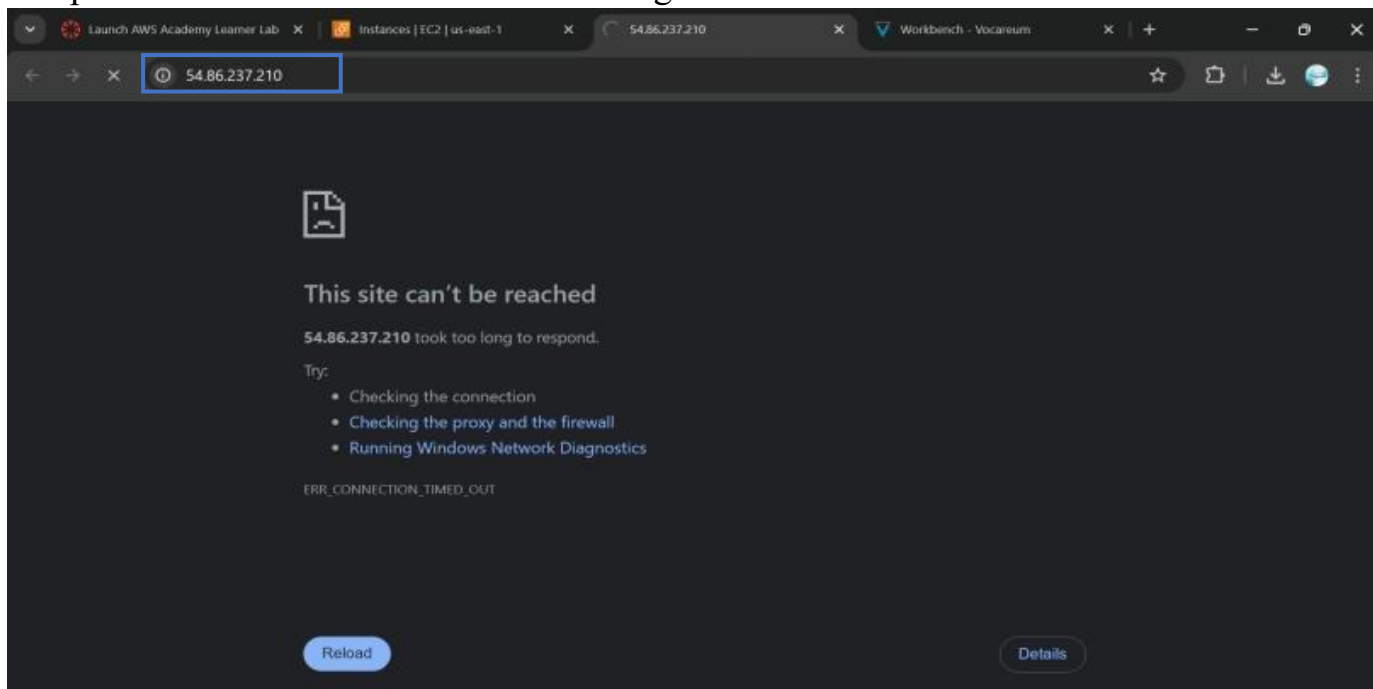


Step 11: In User data section copy the commands and then say launch instance.

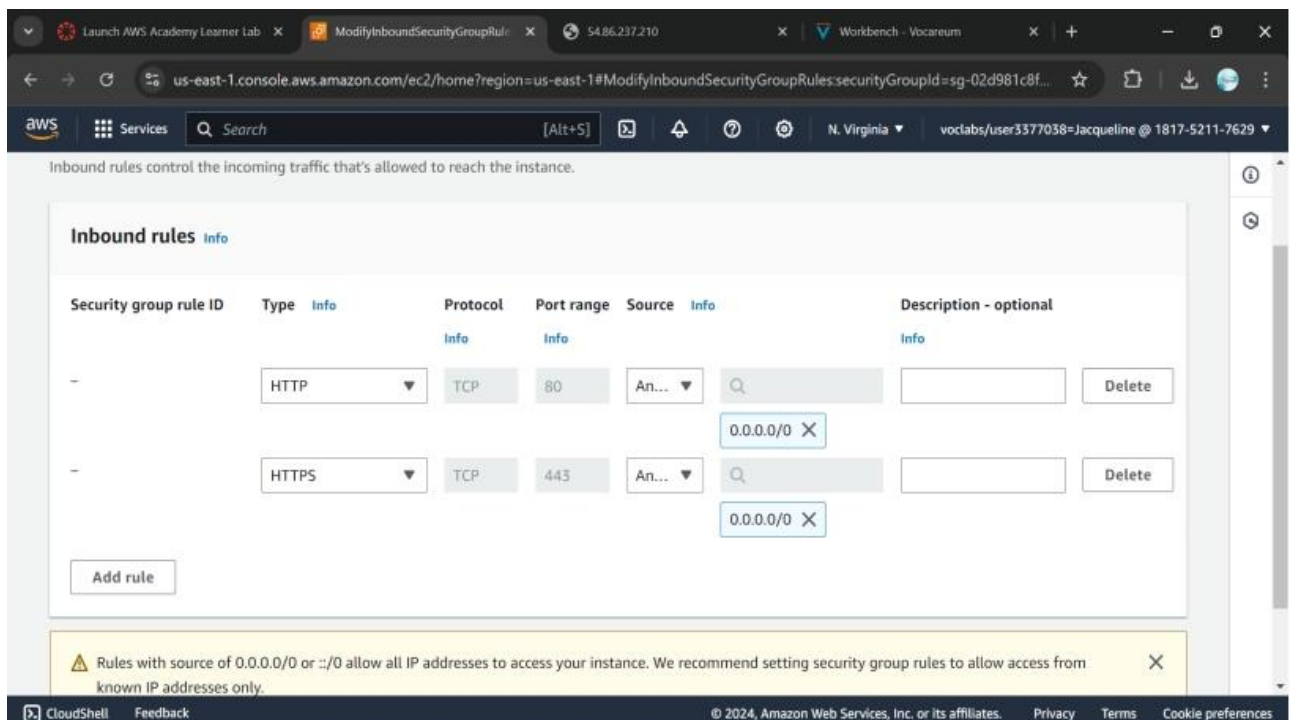


## Task 2: Update Your Security Group and Access the Web Server

Step 12: Now select the web server and copy the IPv4 address in new browser and press enter it will show the error message.

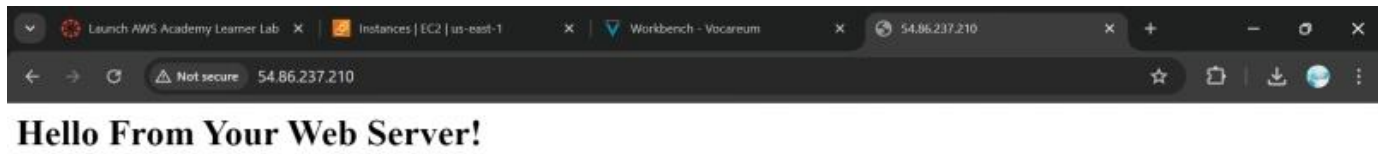


Step 13: Now go to security group and add rule and then save the rules those are added.

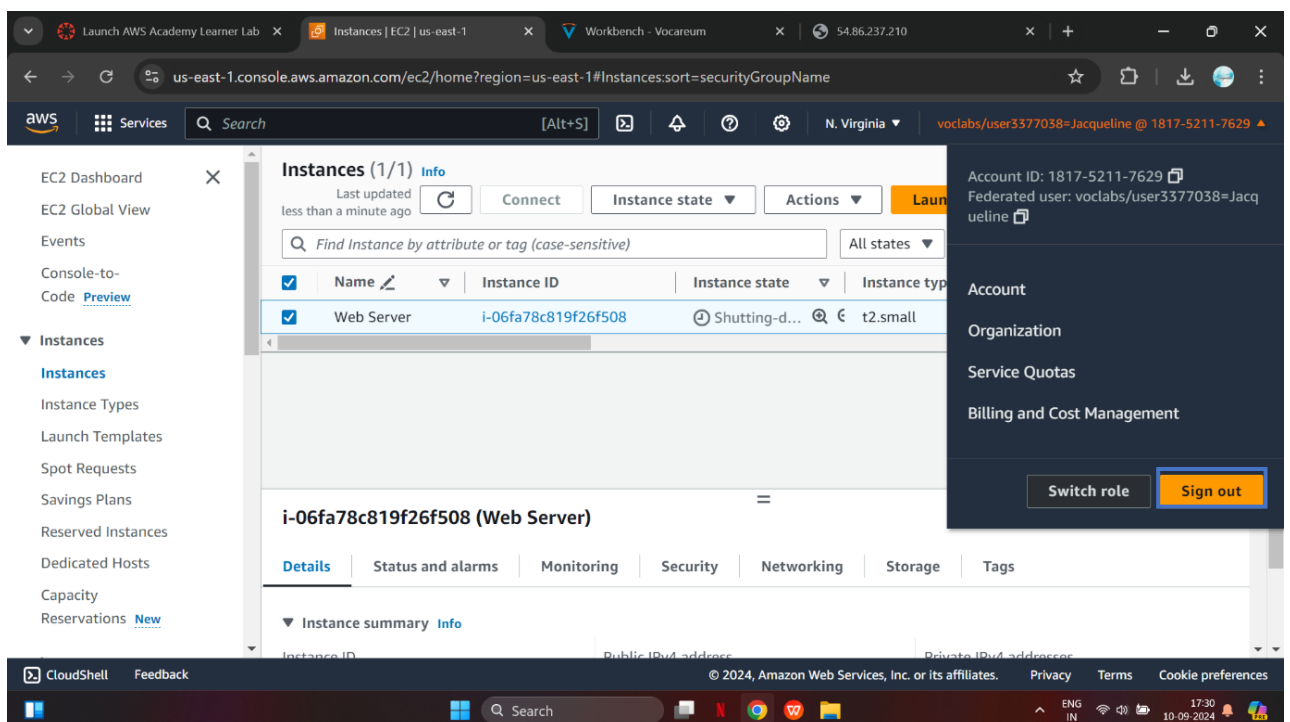




Step 14: Now go to the browser where the IPv4 address was copied and refresh it, it will show the following message.



Step 15: At the end sign out from this console and end the learner lab.



Launch AWS Academy Learner Lab x Manage AWS Resources - AWS M... x House.jpg (2000x1328) x +

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AWS 00:00 Start Lab End Lab AWS Details Readme Reset

Used \$0 of \$100

```
eee_w_3374460@runweb133396:~$
```

EN-US

- instances
- might prompt
- CodeWhisperer
- to suggest
- response =
- ec2.describe\_i
- nstances() and
- then authoring
- #print
- response might
- prompt you to

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