## **Progressive Education Society's**

### **Modern College of Arts, Science and Commerce (Autonomous)**

Shivajinagar, Pune – 411005

M.Sc. (Computer Science) Part II- Sem III
2023-2024

Lab on Cloud Computing-Assignments

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Class – M.Sc. (Computer Science) Part II- Sem III

#### **Cloud Computing Practical Assignment No 3**

### Working and Implementation of Infrastructure as a service

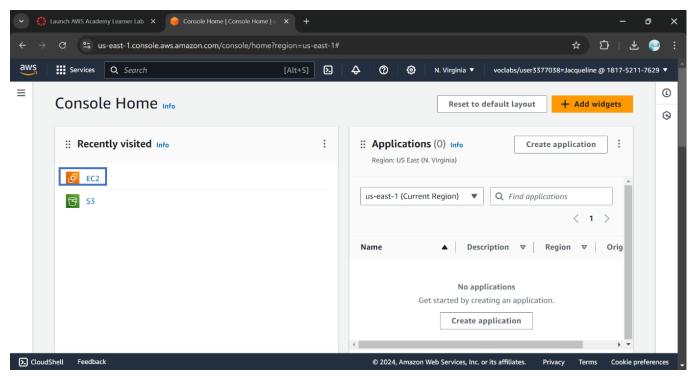
Create an EC2 Linux Instance, Install an Apache Web Server and run the Hello World page by typing commands on a virtual machine.

(Use AWS Platform)

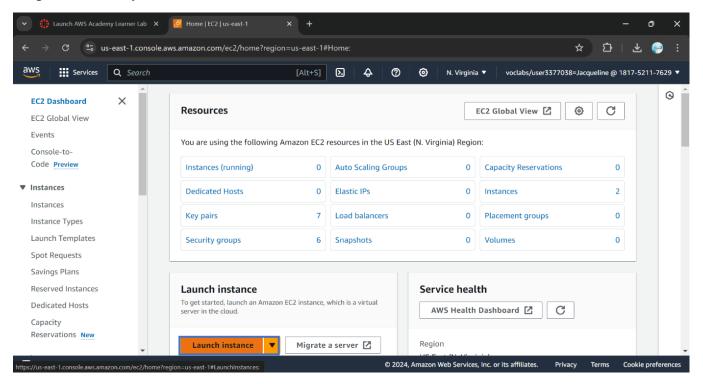
Prepare a Screenshots file and write down the steps and commands used.

Make a single word or PDF file.

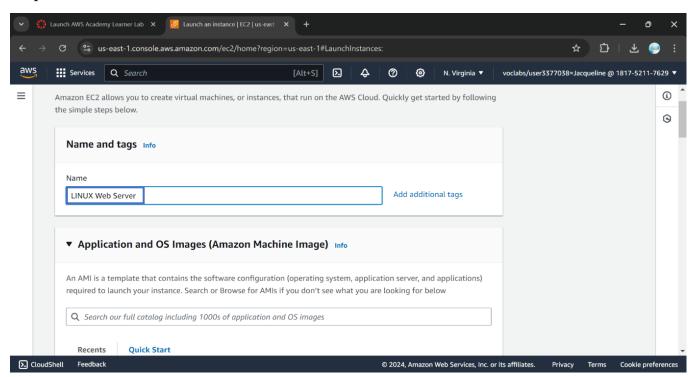
Step 1: Select the Compute Service and in that select EC2.



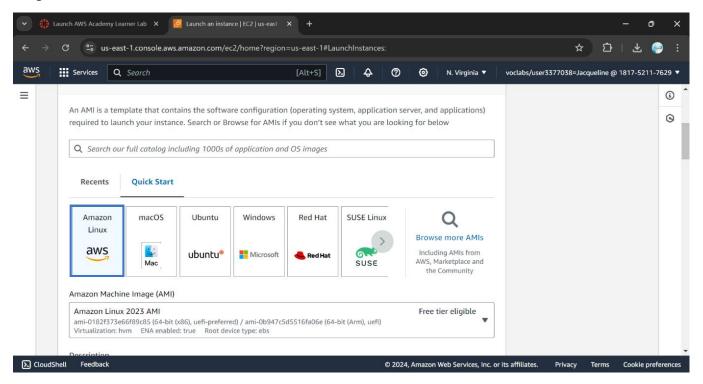
# Step 2: Then Say 'Launch Instance'.



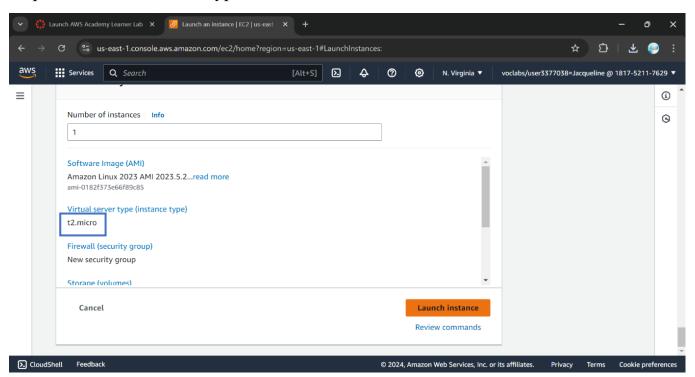
#### Step 3: Give the name to the instance.



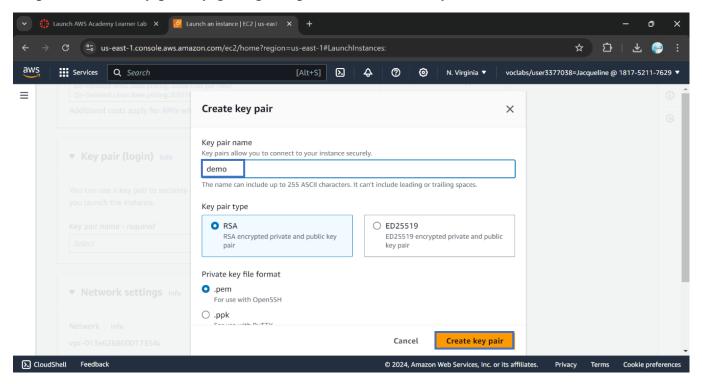
Step 4: Select the AMI as Linux.



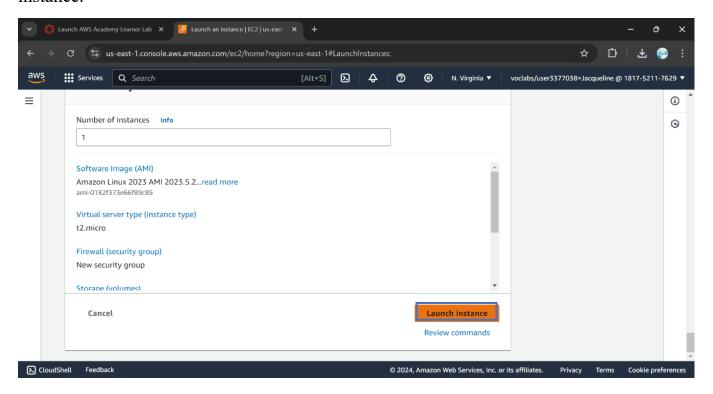
Step 5: Select the instance type as 't2. micro'.



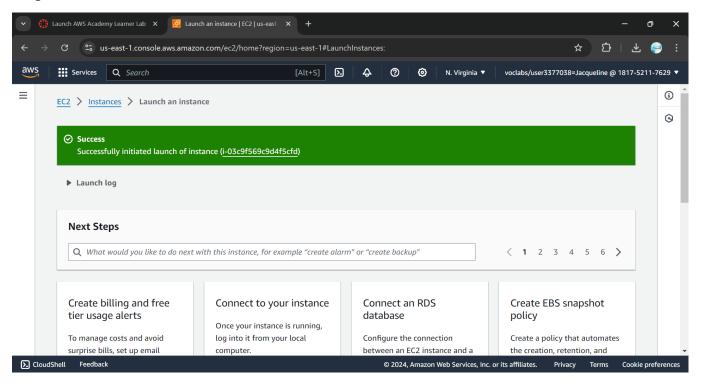
Step 6: Create Key pair by giving unique name for the key.



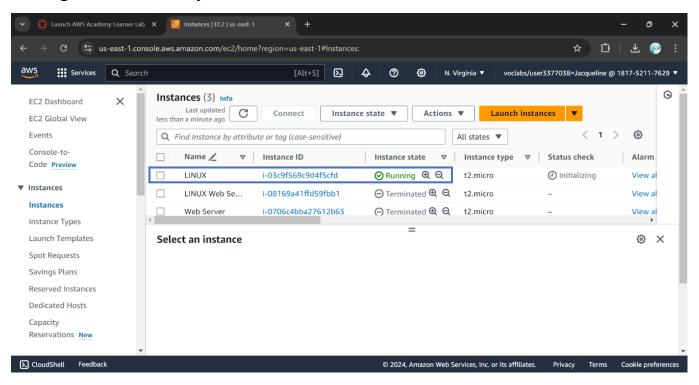
Step 7: At first don't allow the HTTP and HTTPS traffic instead launch the instance.



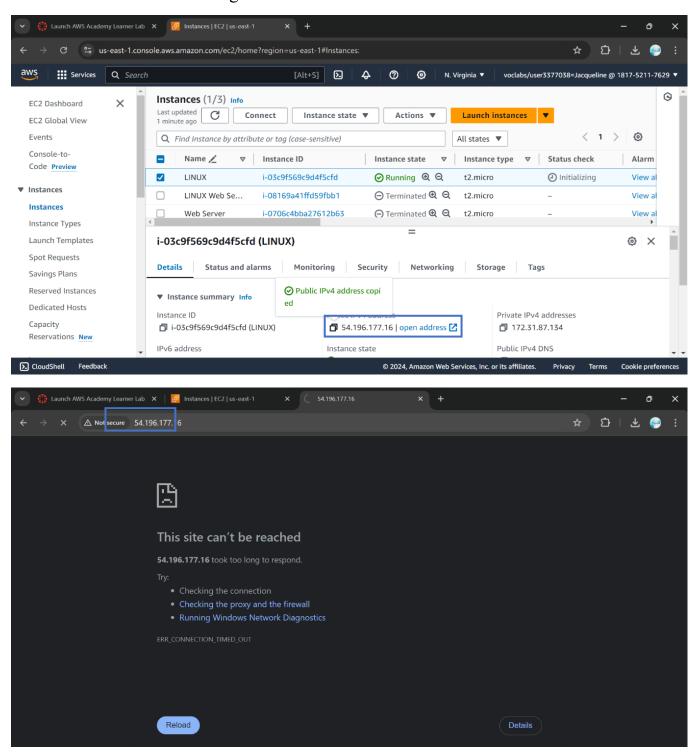
Step 8: The instance is created.



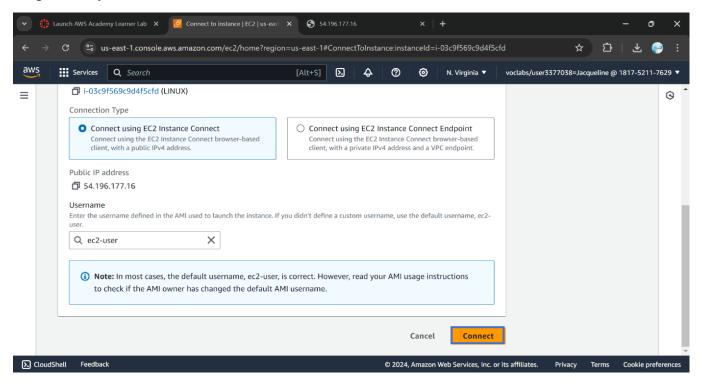
Step 9: Select the checkbox of the instance created and which should be in running state and then say connect.



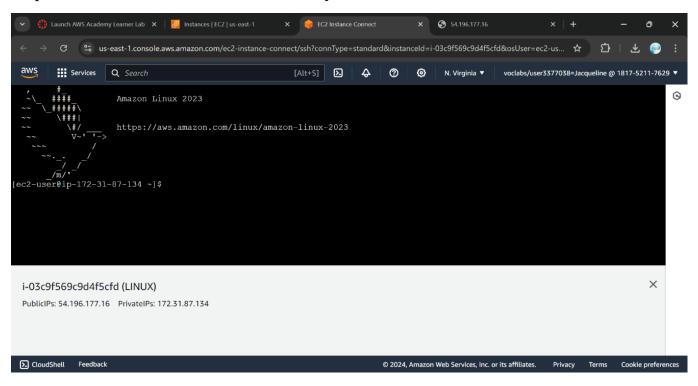
Step 10: Now copy the IPv4 Address and paste it in new browser, it will not work at first but after enabling the traffic it will work.



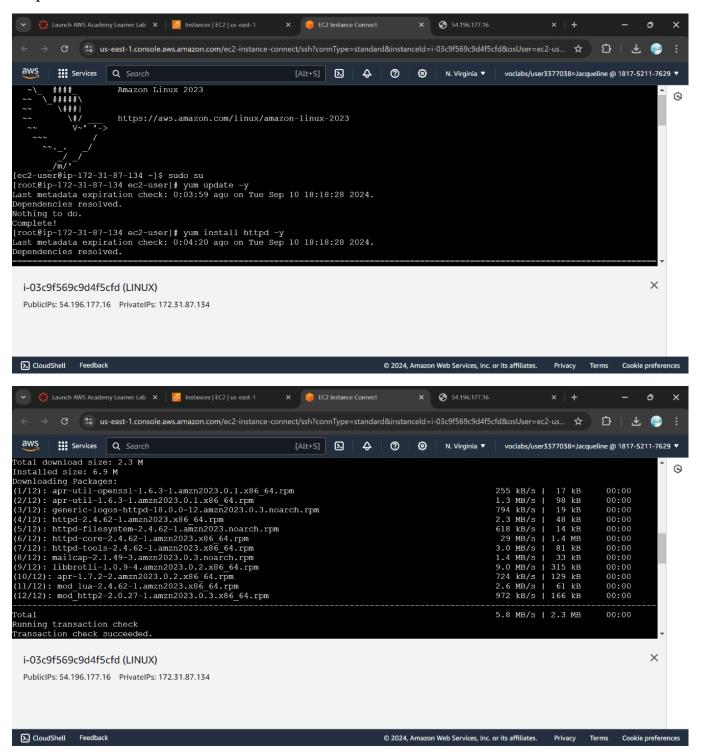
# Step 11: Say 'connect' in the EC2 console tab.

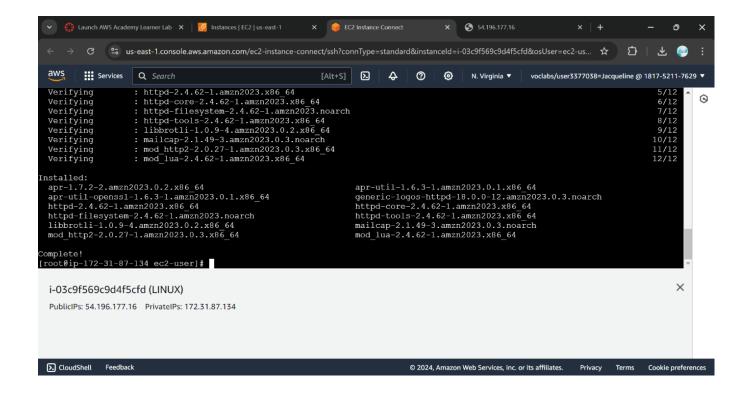


# Step 12: The Linux instance is successfully created.

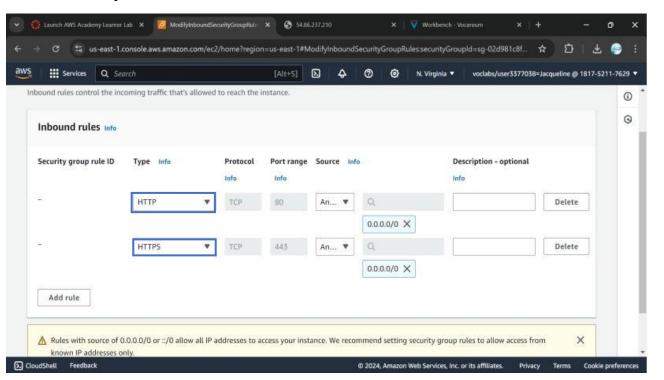


Step 13: Now write the commands in this instance.





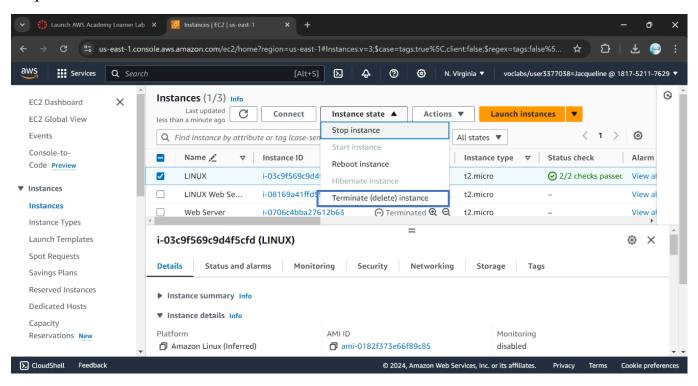
Step 14 Now select the type as 'HTTP' and source as 'AnywhereIPv4' and again say add rule to add next rule for 'HTTPS' as type and 'AnywhereIPv4' as source and they select save rules.

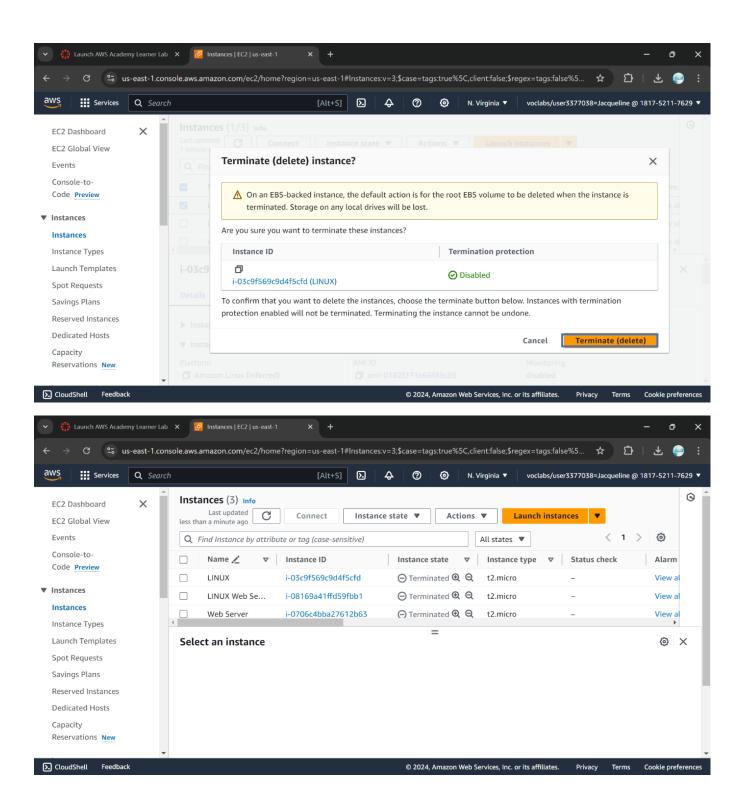


Step 16: Now go back to the browser where the IPv4 address was copied earlier and refresh the page.



Step 17: Now terminate the instances





# Step 18: Click Sign out

