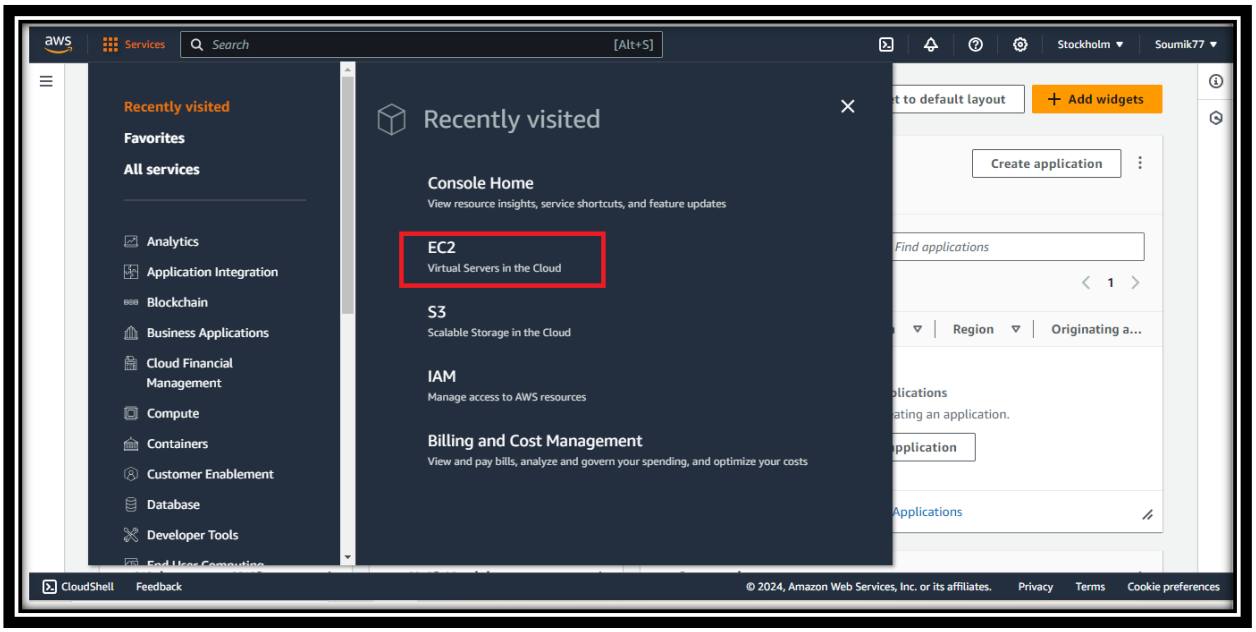
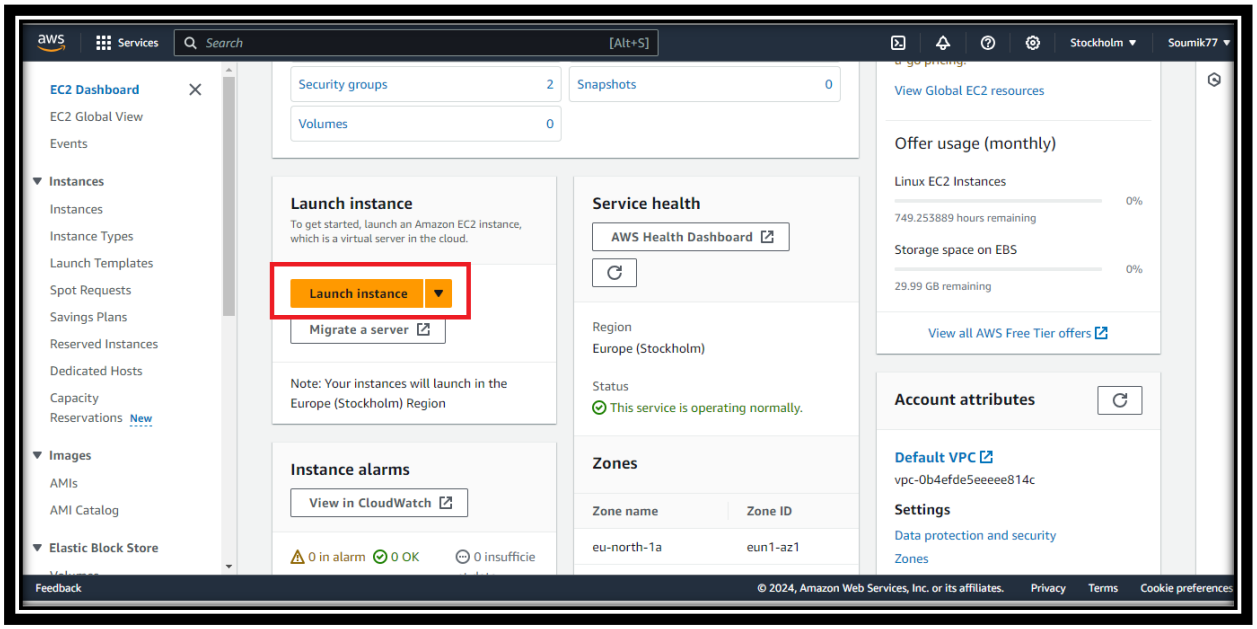
ASSIGNMENT No-9

Deploy a project from Github to EC2

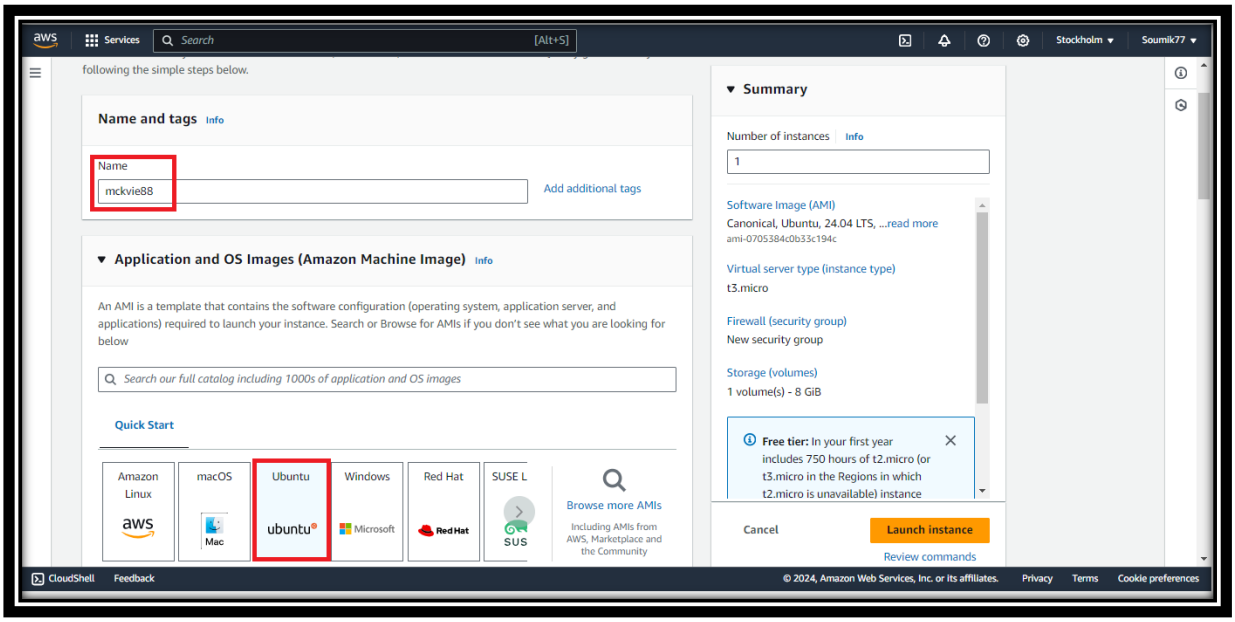
STEP 1-> Select EC2 option.



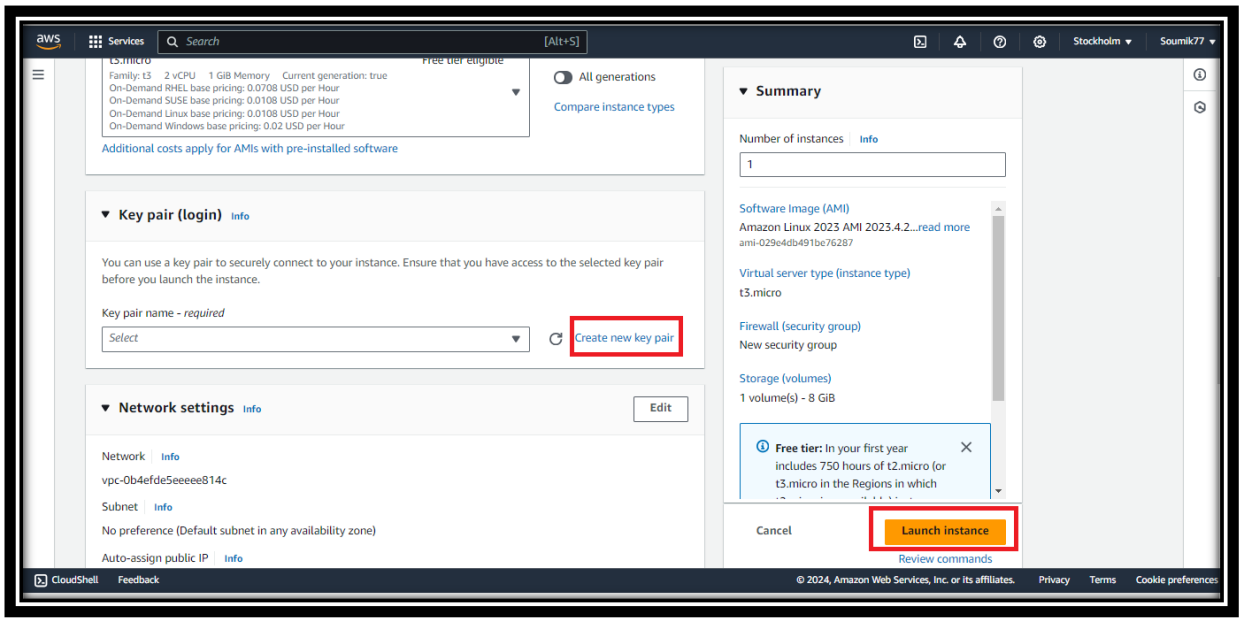
STEP 2-> Click on Launch Instance.



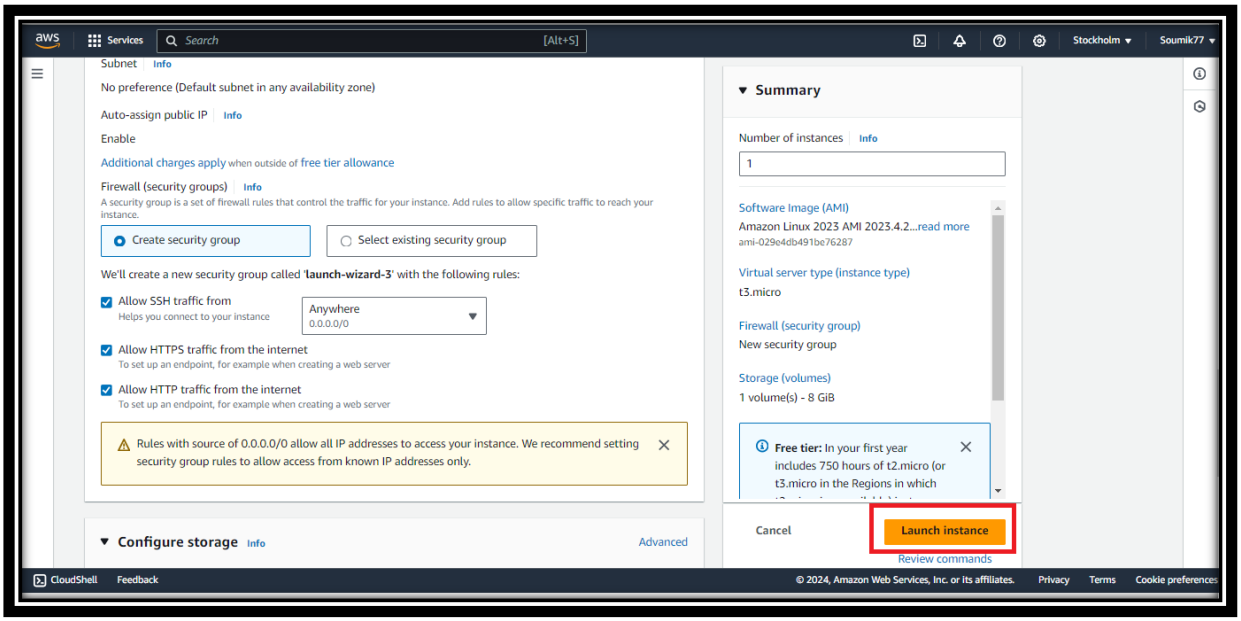
STEP 3-> Give a unique name to the instance and select Ubuntu.



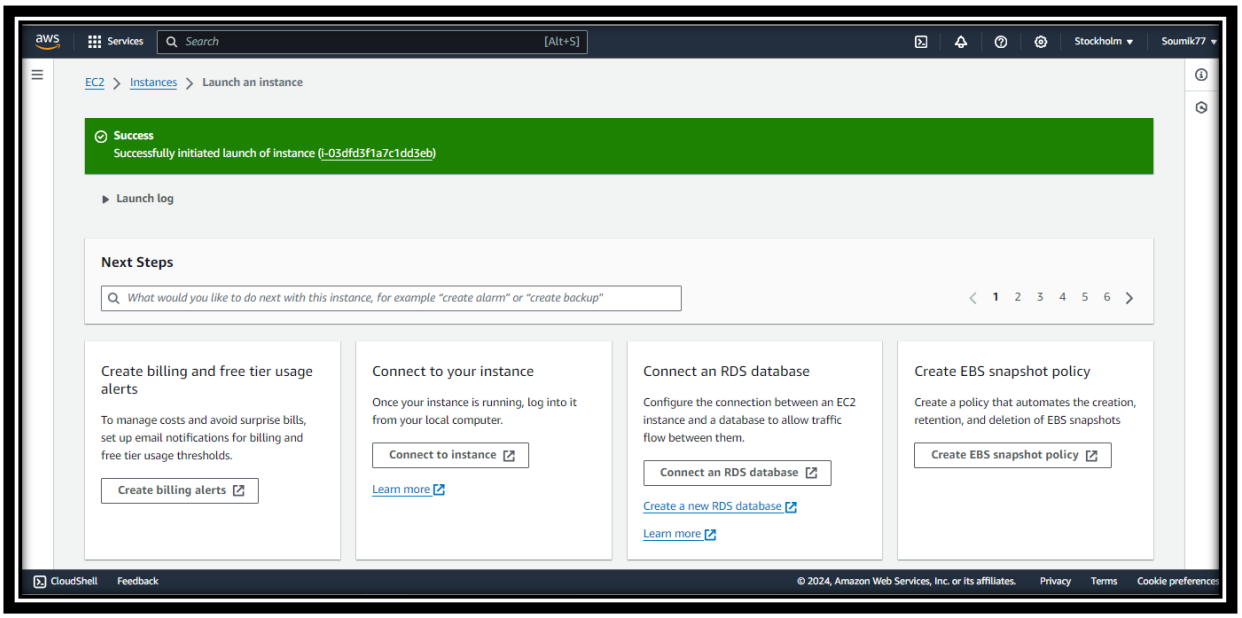
STEP 4-> Select the key from the list or create a new one.



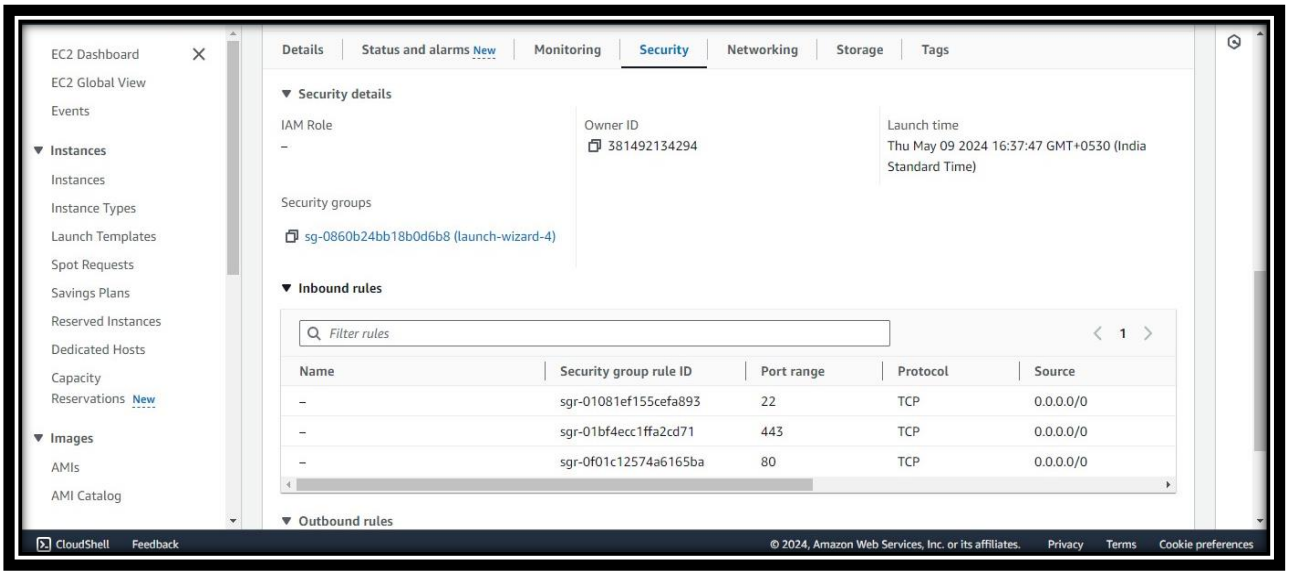
STEP 5-> Check all the 3 check boxes under the Network Settings. Then click on Launch Instance.



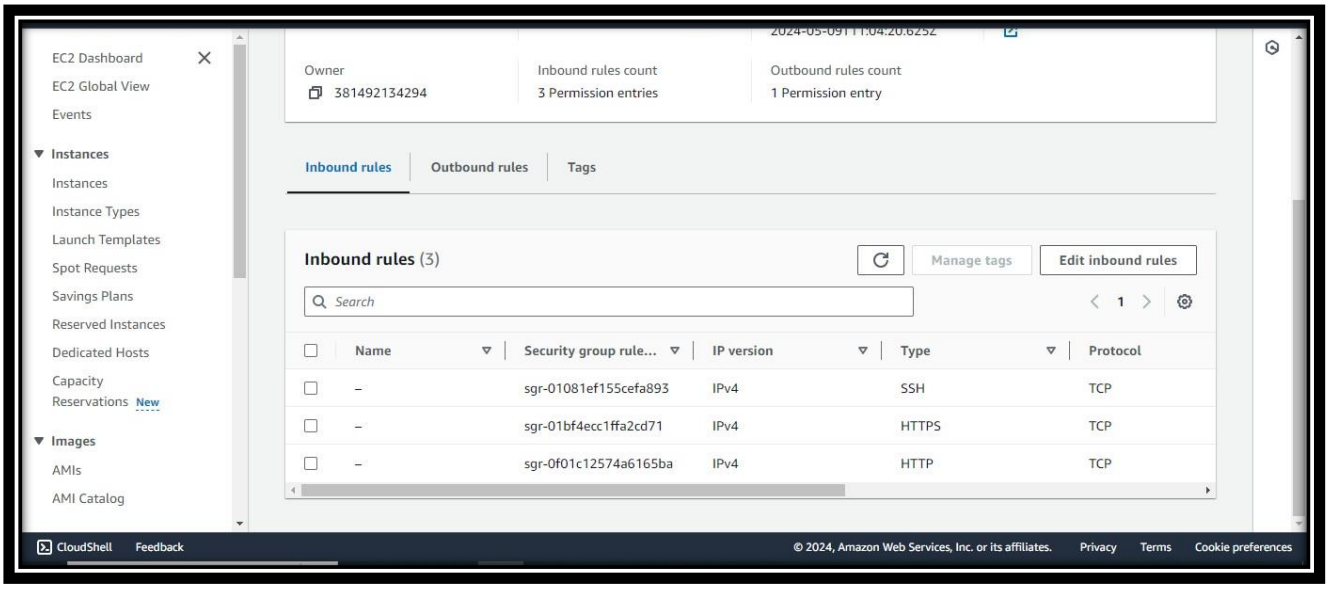
STEP 6-> Click on instance id to enter into the instance.



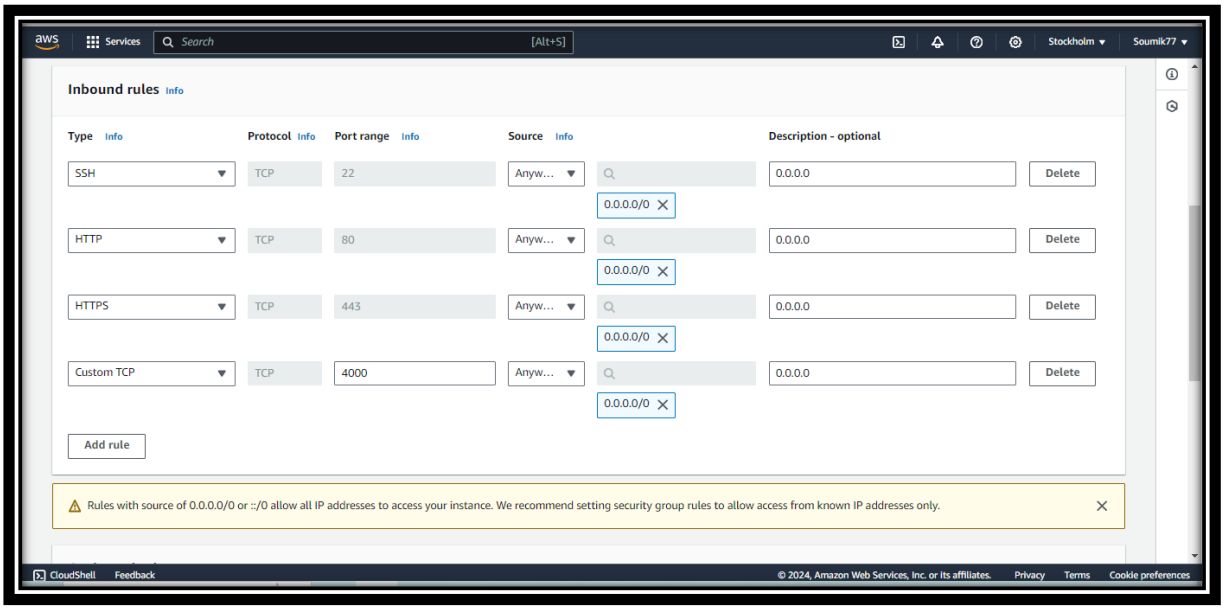
STEP 7-> Select the Security option & Click on the security groupID.



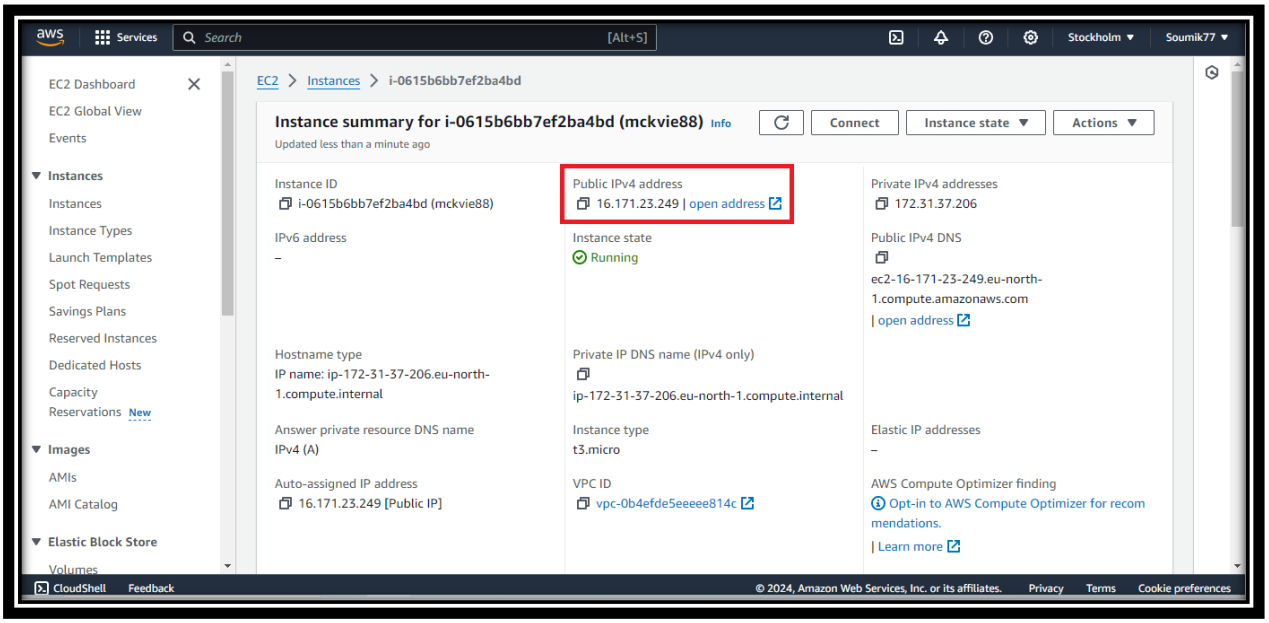
STEP 8->Click on Edit Inbound Rules.



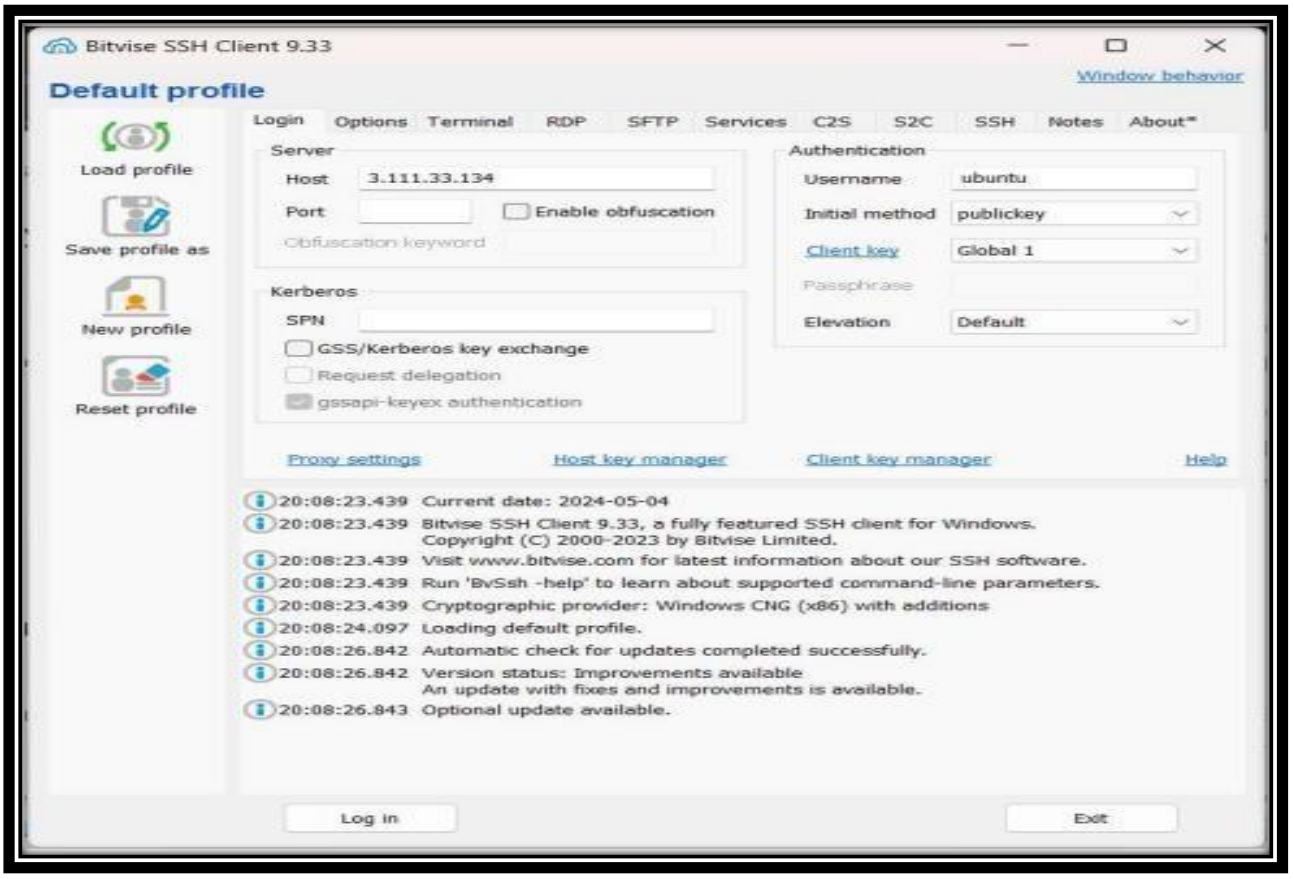
STEP 9-> Click on Add Rules button after which give the port no. 4000, insource info give 0.0.0.0/0. Then click on Save Rules.



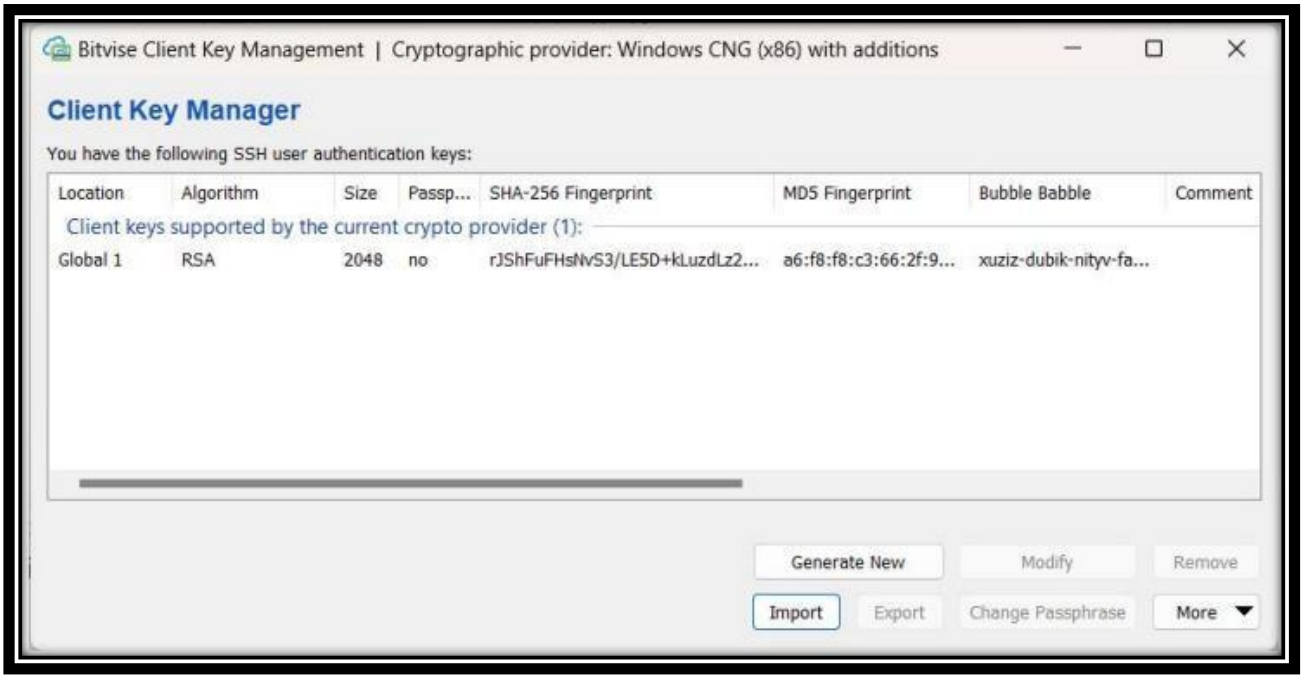
STEP 10-> Go back into the instance and copy the Public IPv4 Address.



STEP 11-> Paste the address under the host tab. Under the Authenticationtab, give the username as ubuntu, Initial method as publickey. Then click on Client Key Manager.

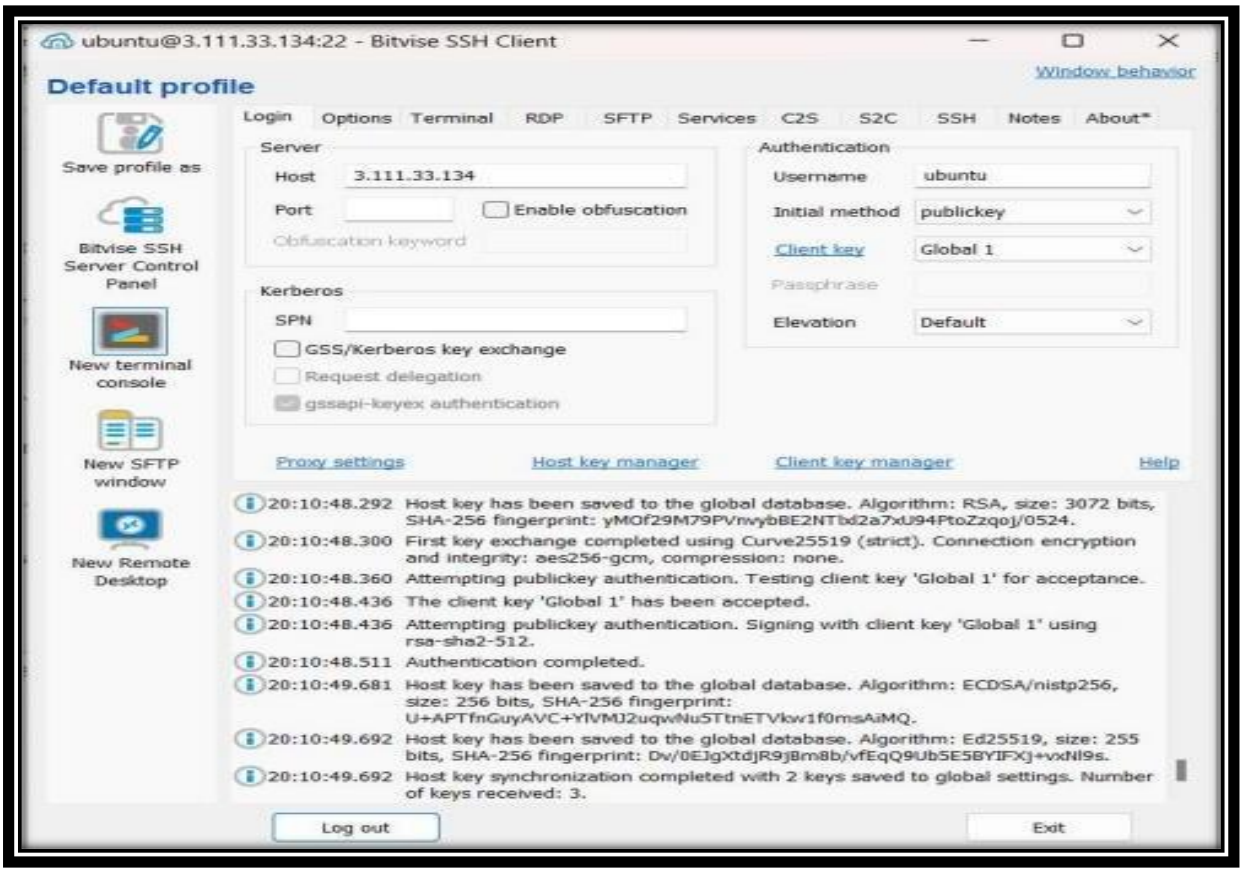


STEP 12-> Remove any previously selected key if any, the click on Import. Select the key using which instance was created. Then close the window.

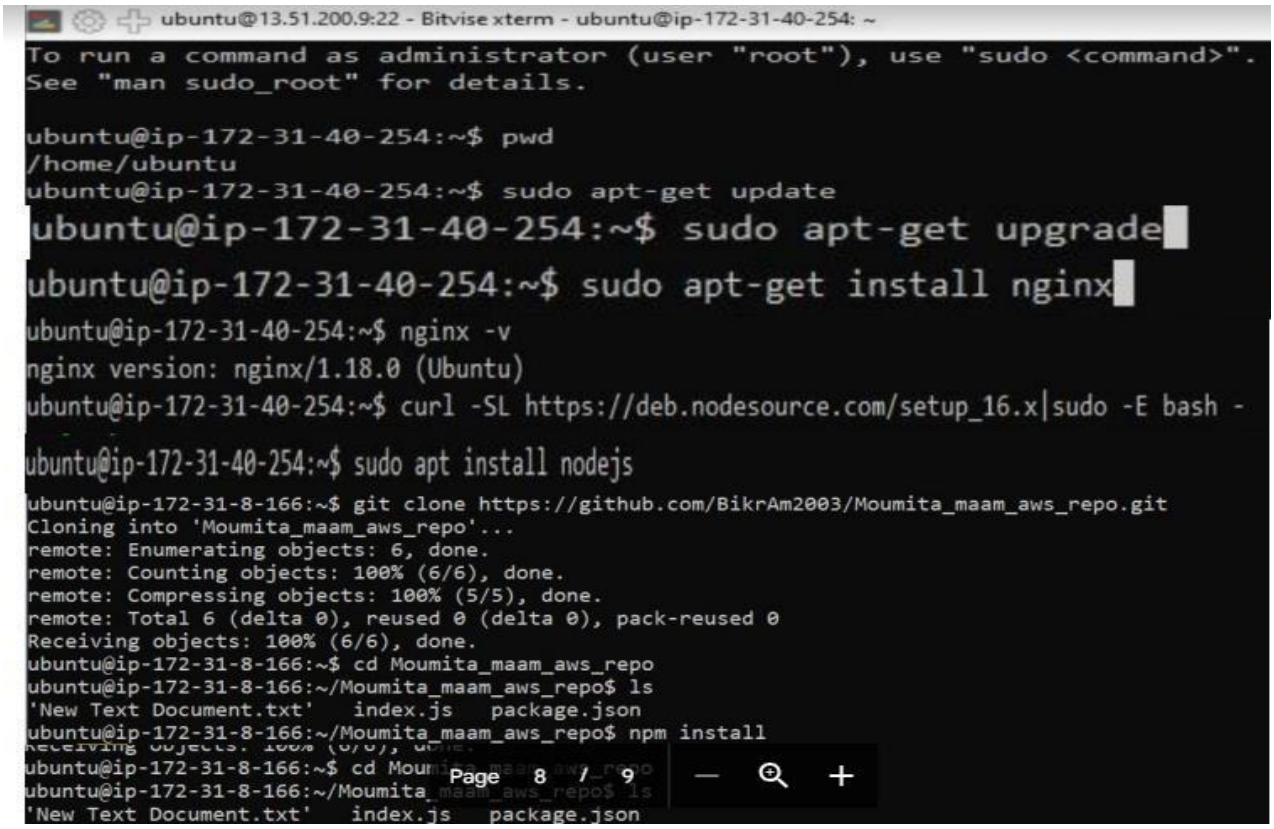


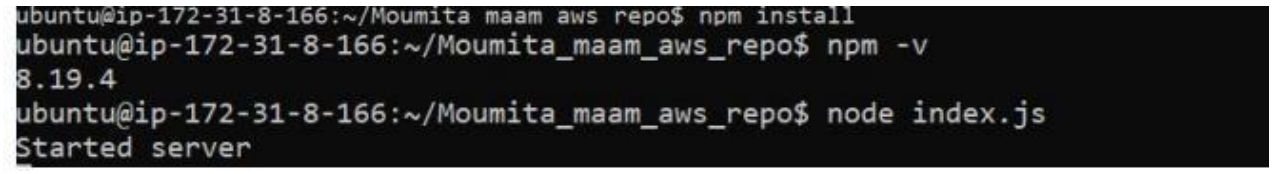
STEP 13-> Click on Login after that in host key verification click accept and save.

STEP 14-> Open a new terminal by clicking on New Terminal Console.

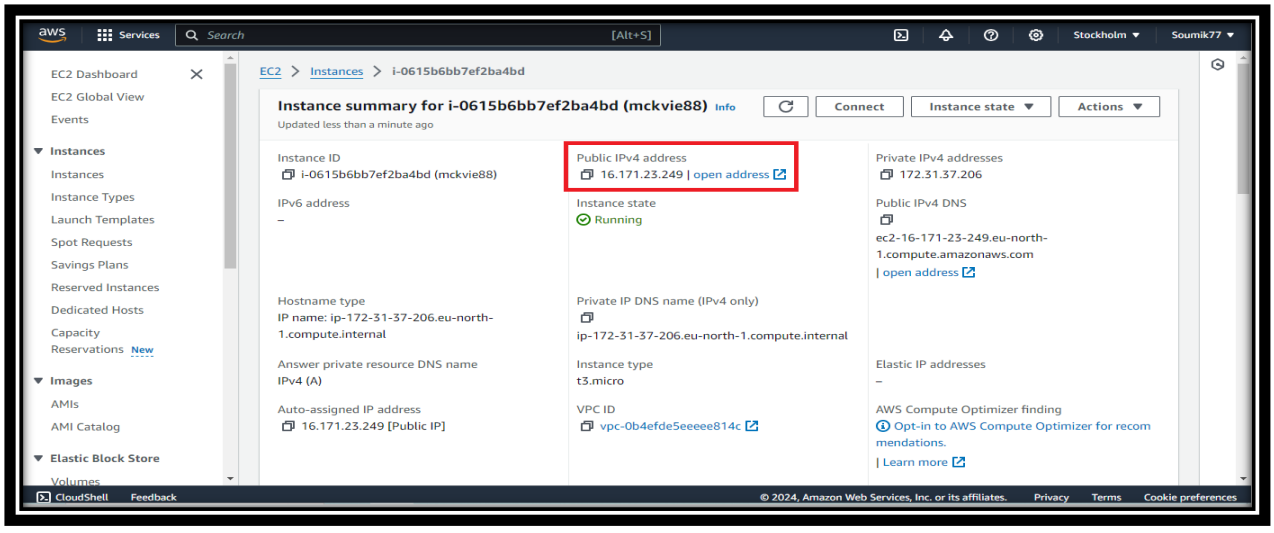


STEP 15-> In the console type the following commands in sequential order:

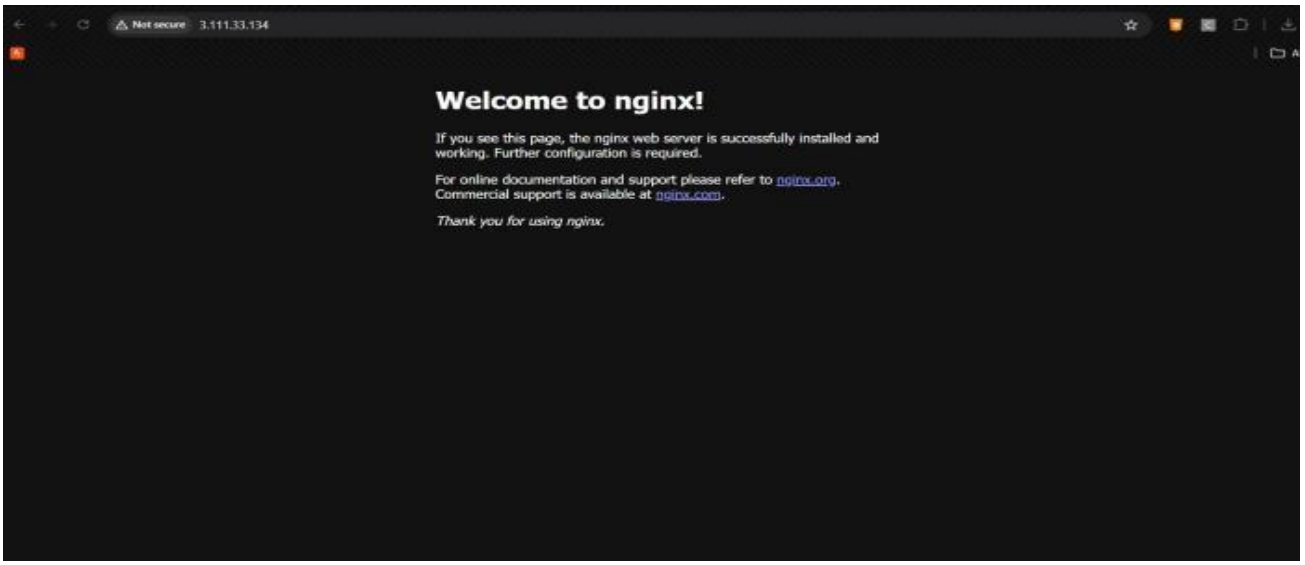




STEP 16-> From the Public IPv4 Address copy the Address and Paste it on a new tab.



STEP 17-> Nginx window will open. Now add :4000 at the end of the IPv4Address.



STEP 18-> The Nodejs file content will be visible.

Hello mckv

Interferences:

The assignment guides the deployment of a Github project to an EC2 instance step by step. It involves launching the instance, configuring security settings and copying the public IPV4 address. Authentication details are set up,SSH login is performed and necessary commands are executed in the terminal. Finally,the deployed project is accessed through the specified port on a web browser.