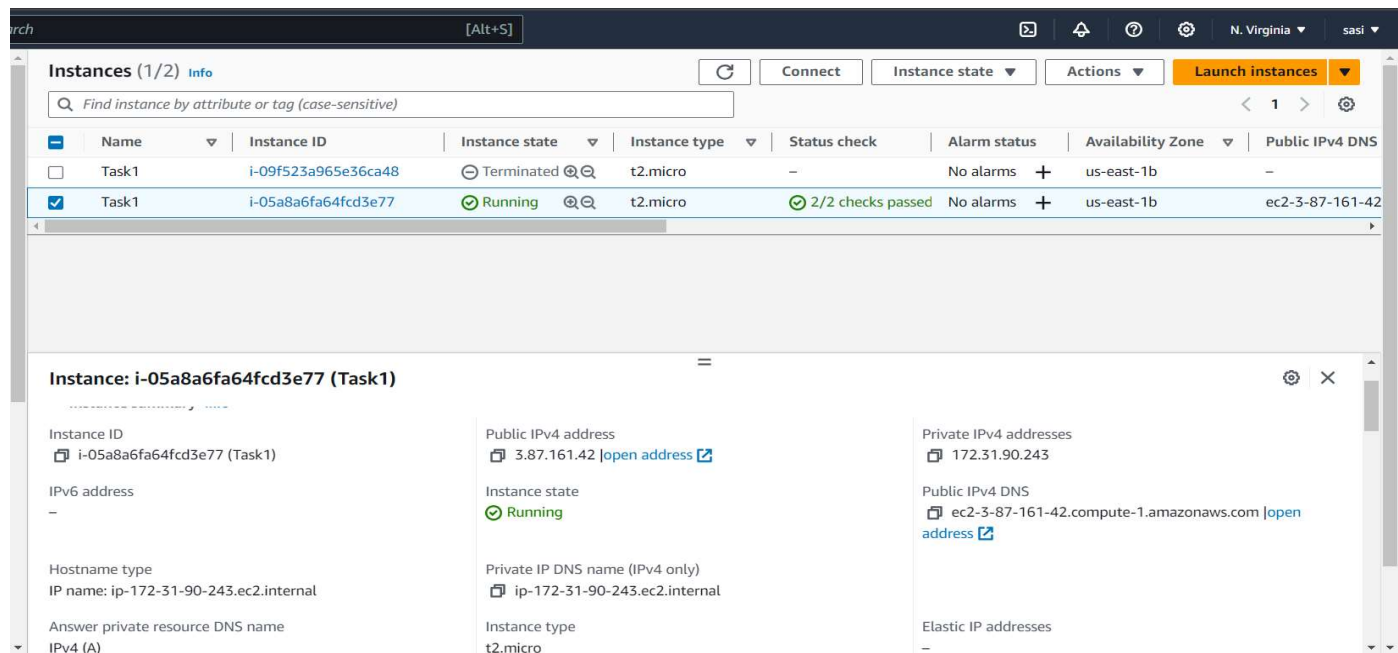TASK 1 - EC2
Problem Statement: You work for XYZ Corporation. Your corporation wants to launch a new web-based application using AWS Virtual Machines. Configure the resources accordingly for the tasks. Tasks To Be Performed:
1. Create an instance in the US-East-1 (N. Virginia) region with an Ubuntu OS and install Nginx for making them web servers.
2. Change the default website with a page displaying the message: "Hello World".

1) Answer : Create an instance by using ubuntu OS in US-East-1 (N.virginia) region below i have created.

And connect that instance to the server and to install nginx follow below steps.

Sudo apt-get install nginx

To check nginx version give command

nginx -v

To check status

Sudo systemctl status nginx
Then status change to active (running)

Now access the public IPv4 address on next tab it will show welcome to nginx

2)

Next same server give the following commands

cd /etc/nginx/sites-available

Next to check give

ls (command there you will find default folder)

Next command

sudo cat default

Then you will find (root /var/www/html;)

Then give following commands one by one

cd /var/www/html/

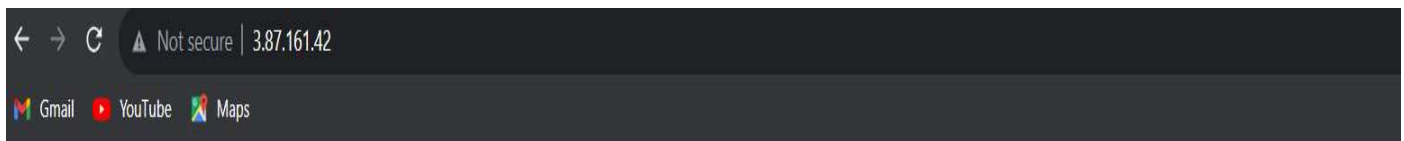ls (then you will find index.nginx-debian.html)

ls .lah (it will show 12k)

Next

Sudo nano index.html

After that one index page will open there you can type a message whatever you want then enter CTRL+O and CTRL+X.(I had given "HELLO WORLD")

ls .lah (it will show 16k)

Lastly refresh the public IPv4 address on next tab it will show "HELLO WORLD"

"HELLO WORLD"