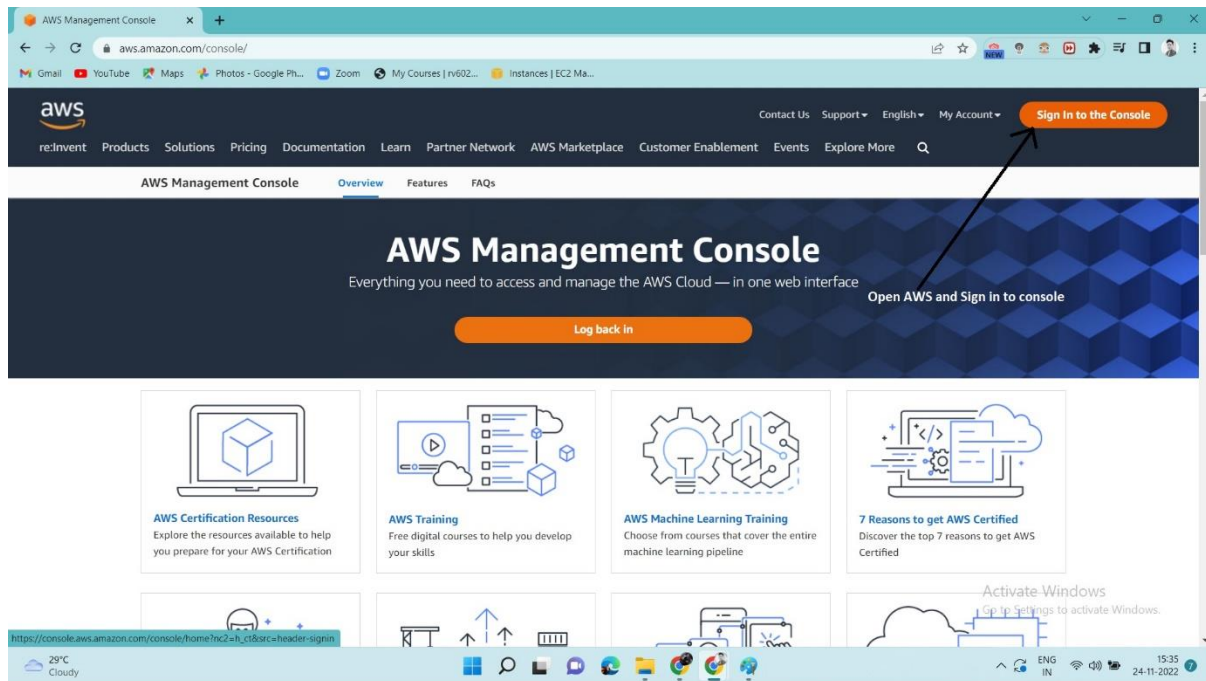


Rahul Verma 9902854025 rv60252@gmail.com

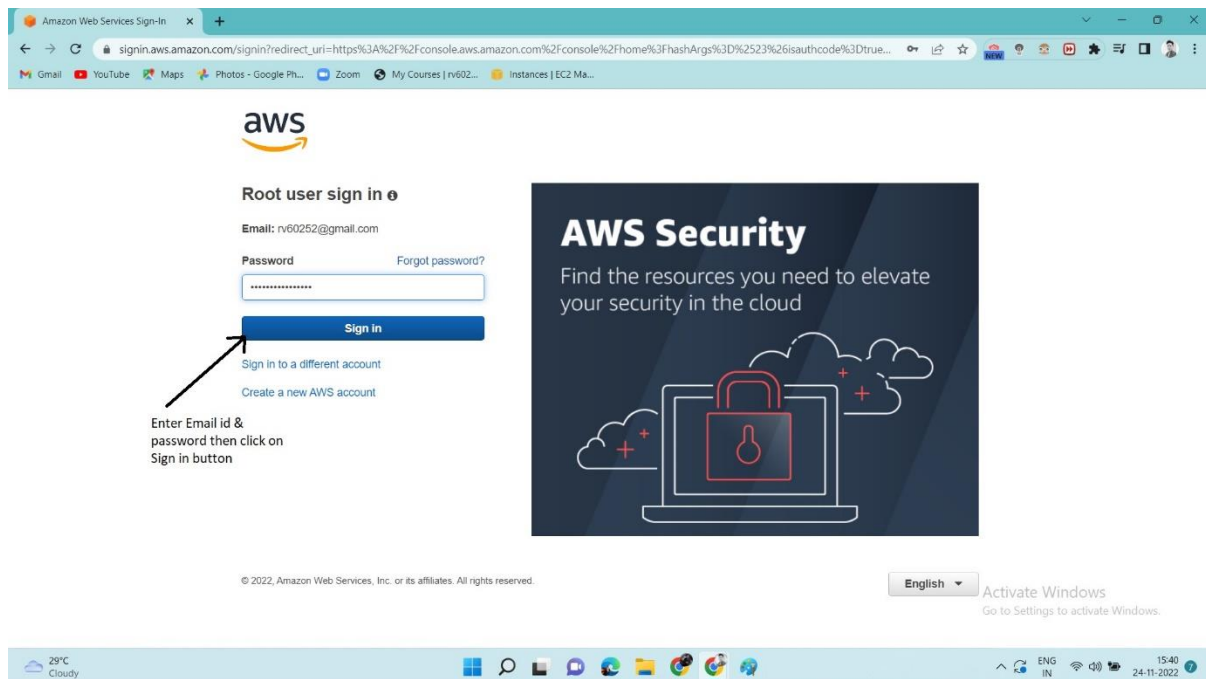
Module-2: EC2 Assignment - 1

1. Create and instance in us-east1 (N. Virginia) region with and Ubuntu OS and install Ngnix for making them web servers
2. Change the default website with a hello world page.

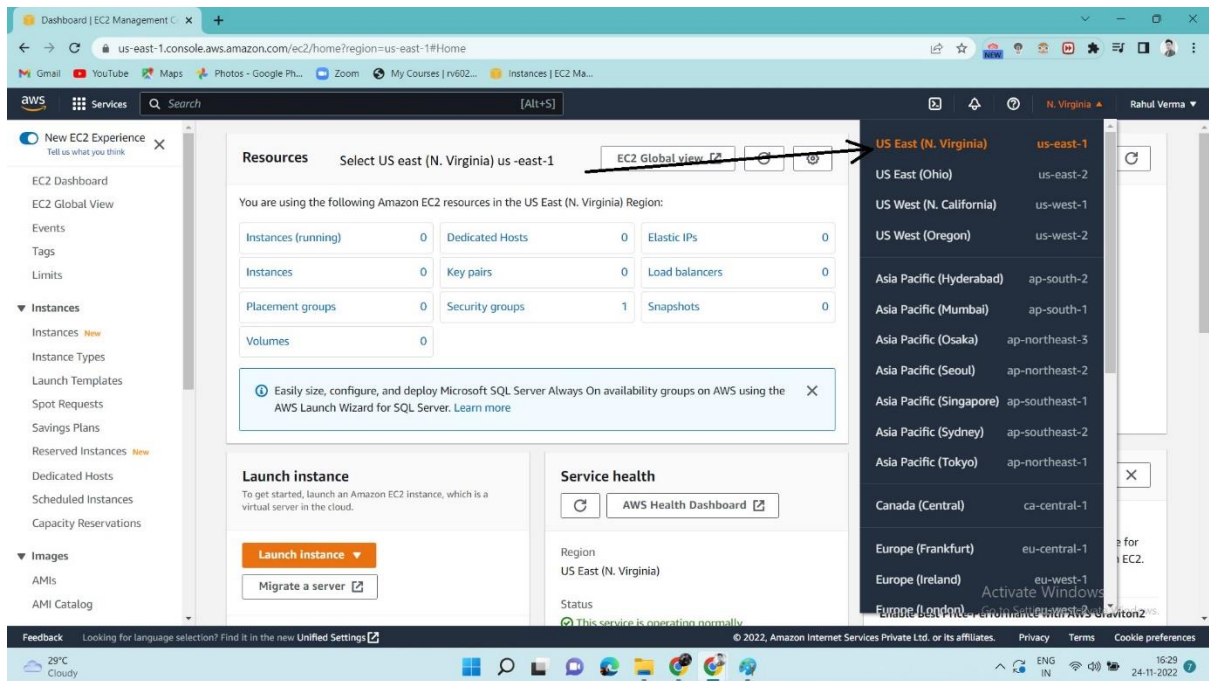
Open AWS management console



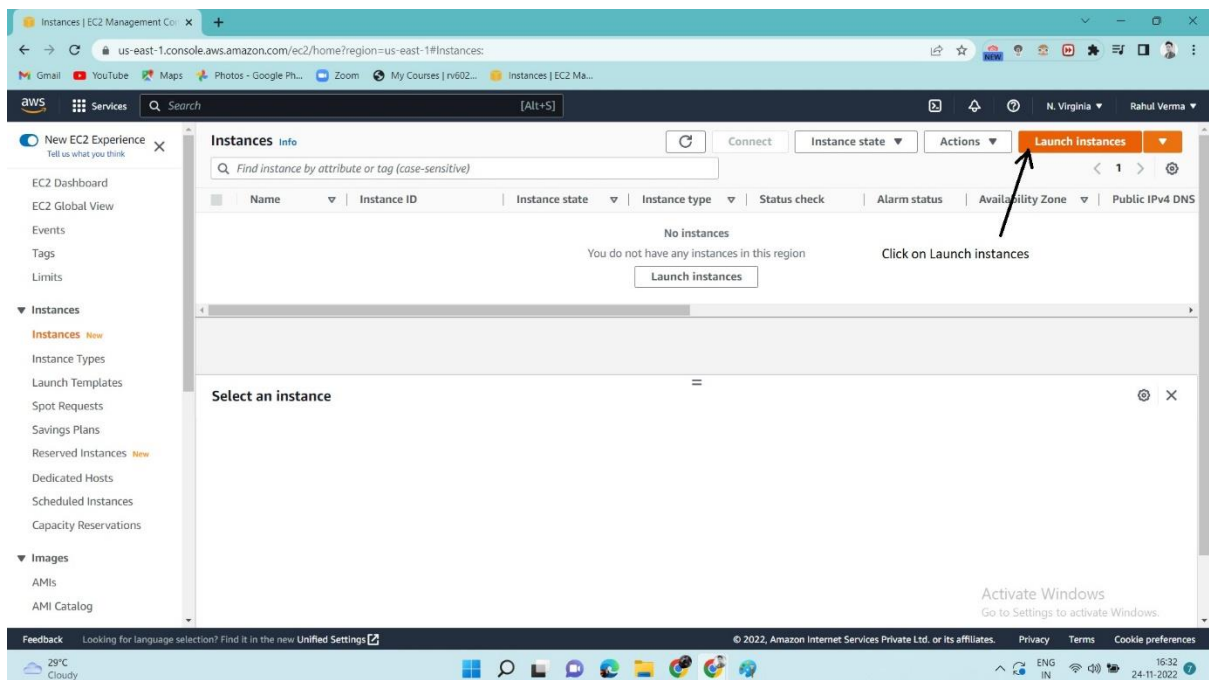
Login with your credentials



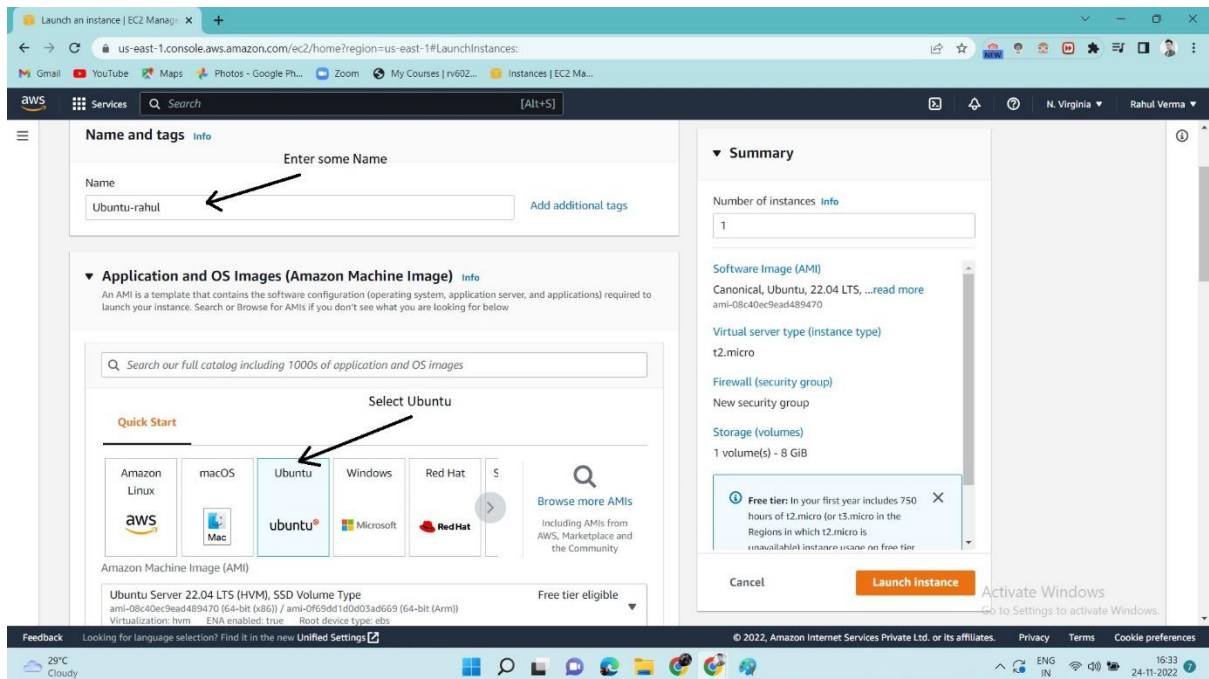
Select your Specified region in my case it is US east (N. Virginia)



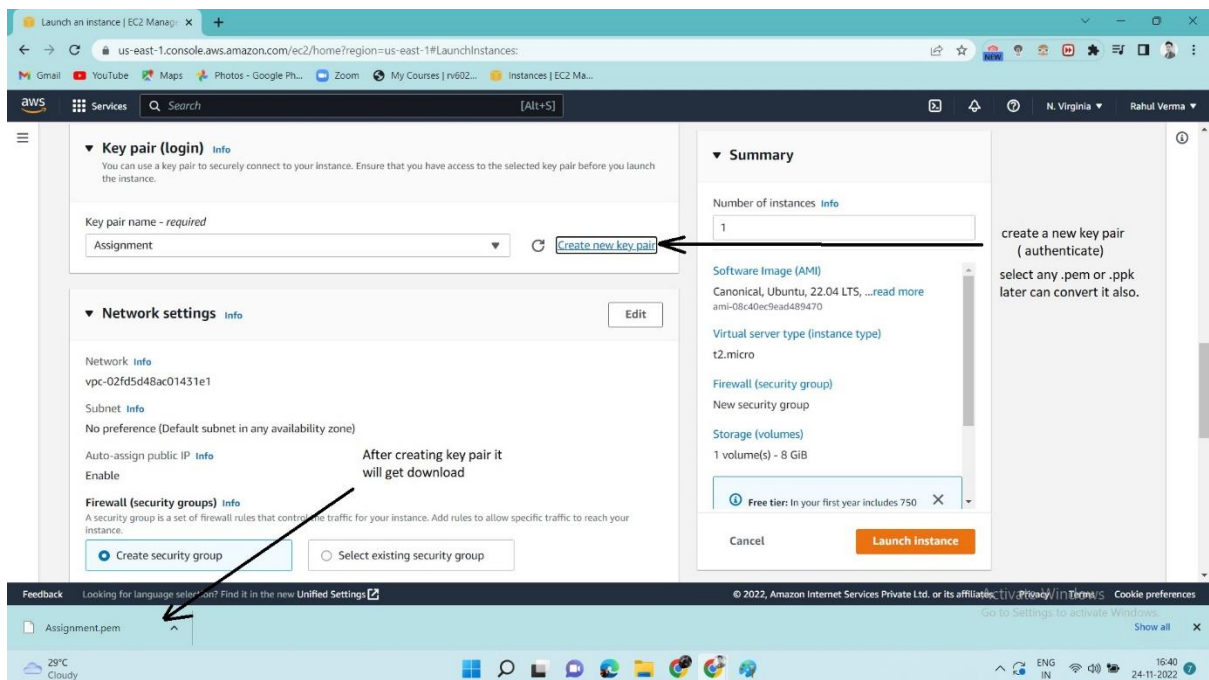
Now click on launch instance



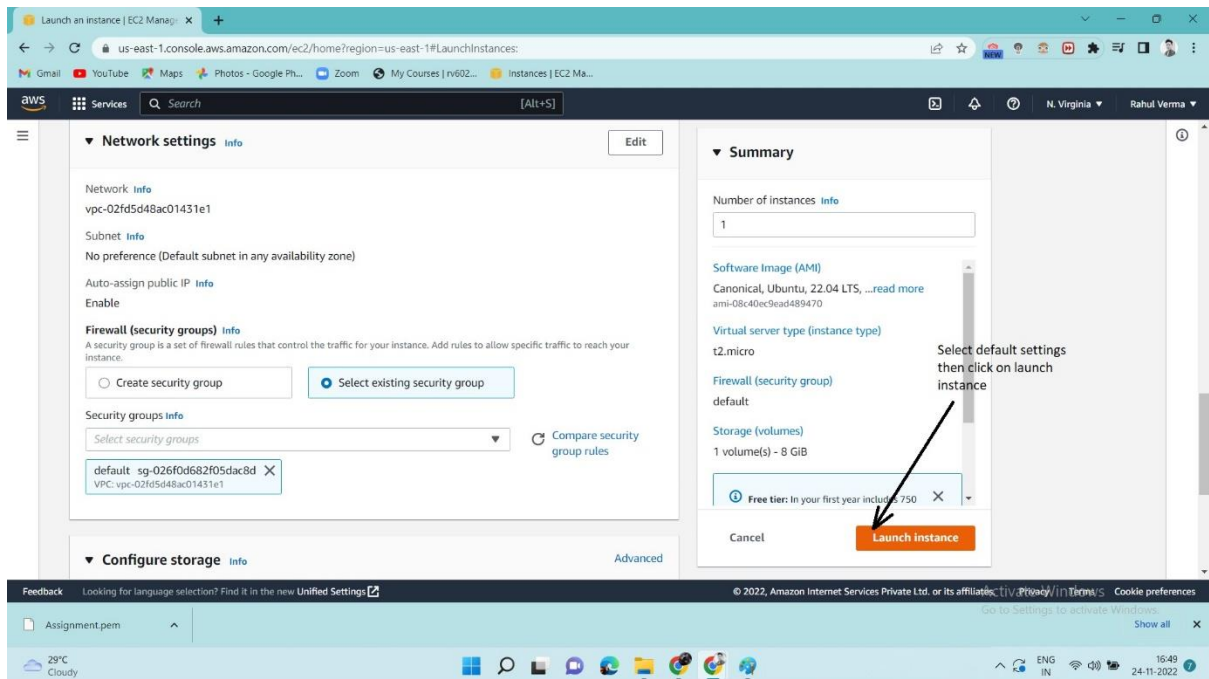
Give some name and select OS type- in my case name- Ubuntu- rahul and selected Ubuntu OS



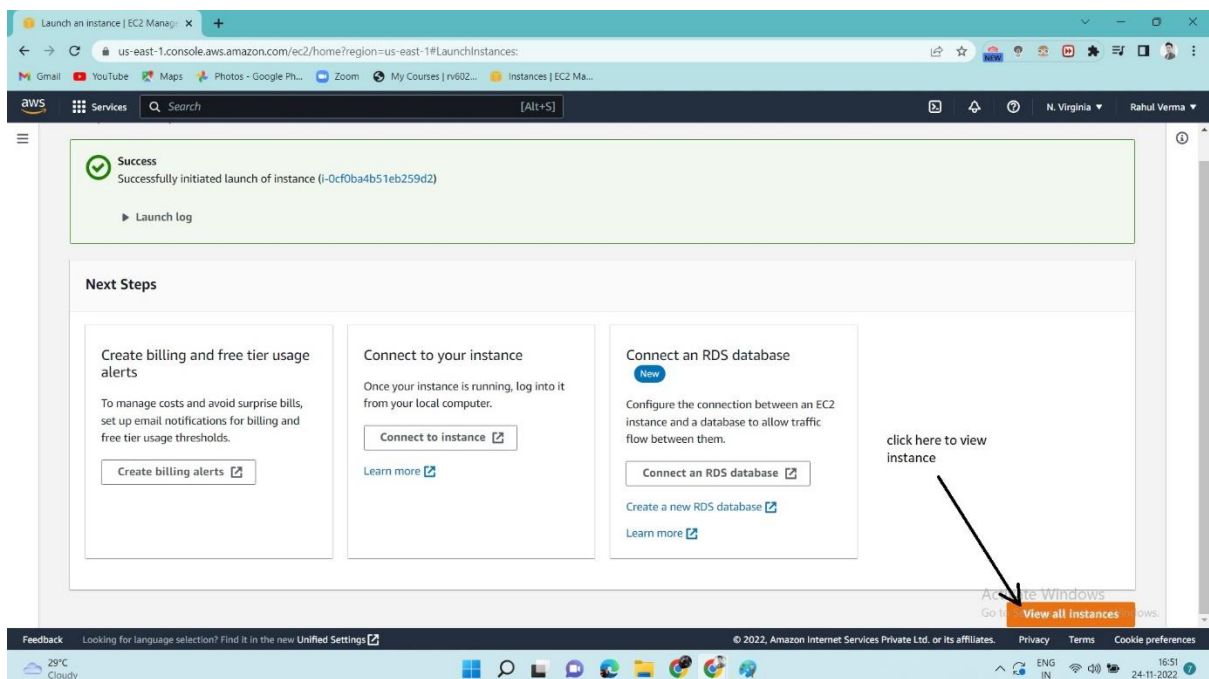
Create a new key pair for authentication-



Now click on launch instance

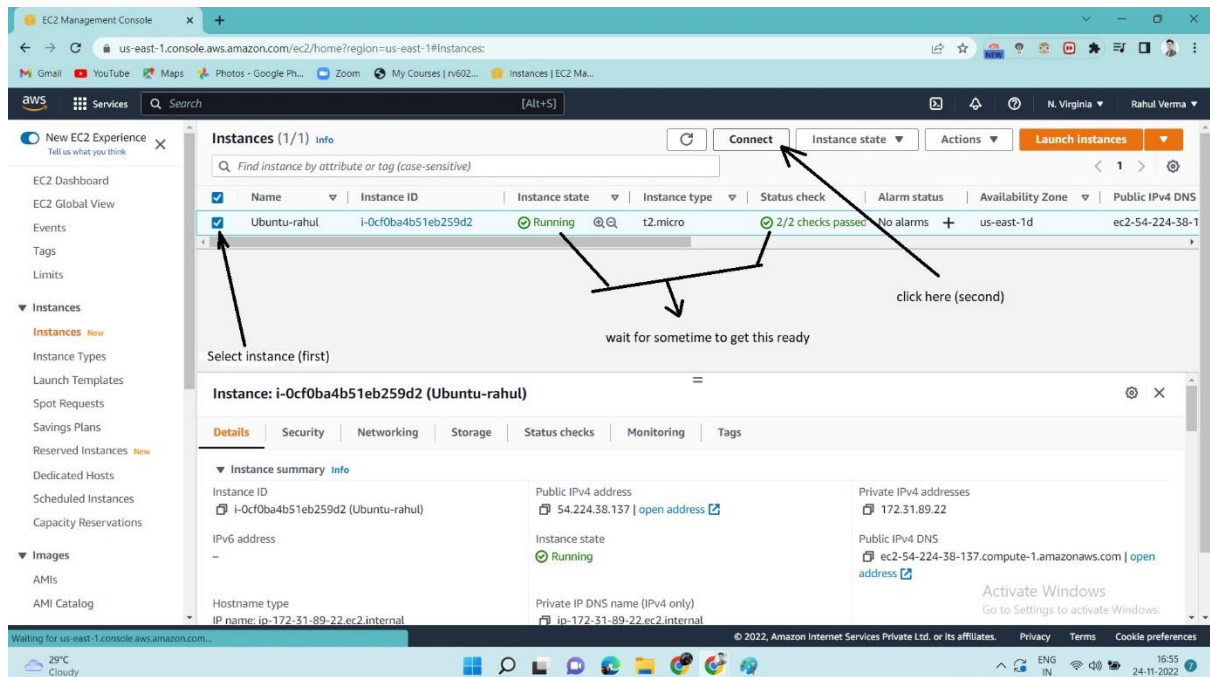


Click on view all instance

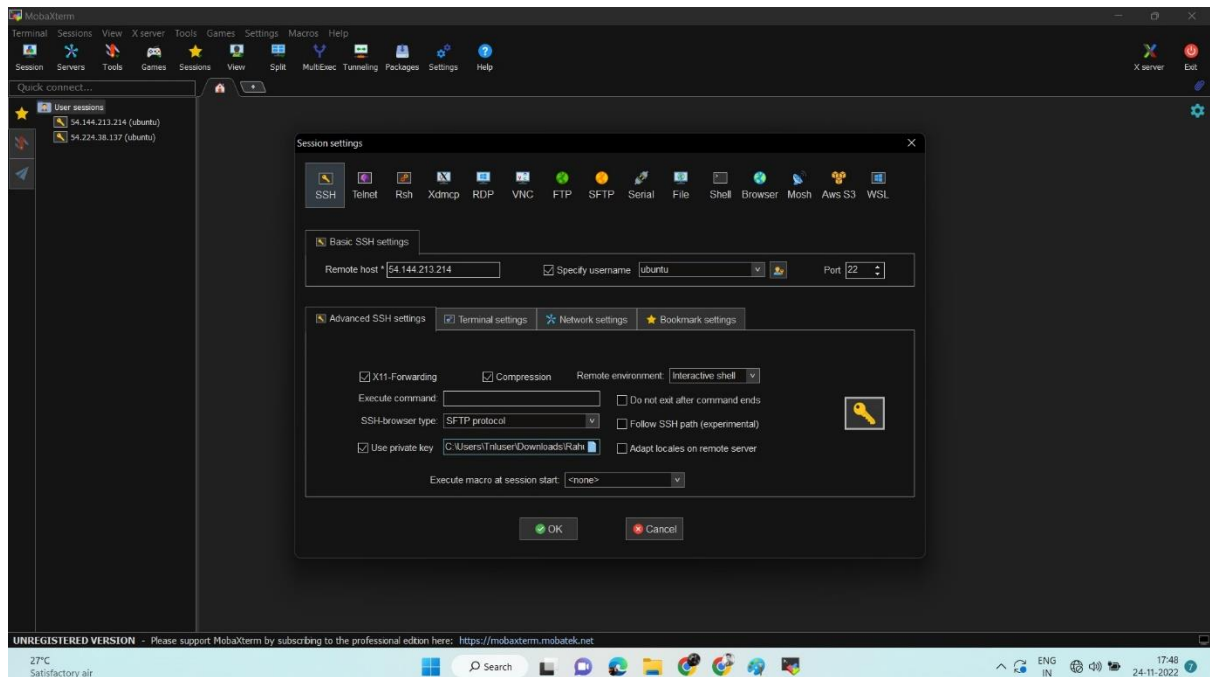


You can connect directly as shown below, but I'm using third party application (mobaxterm) for my assignment.

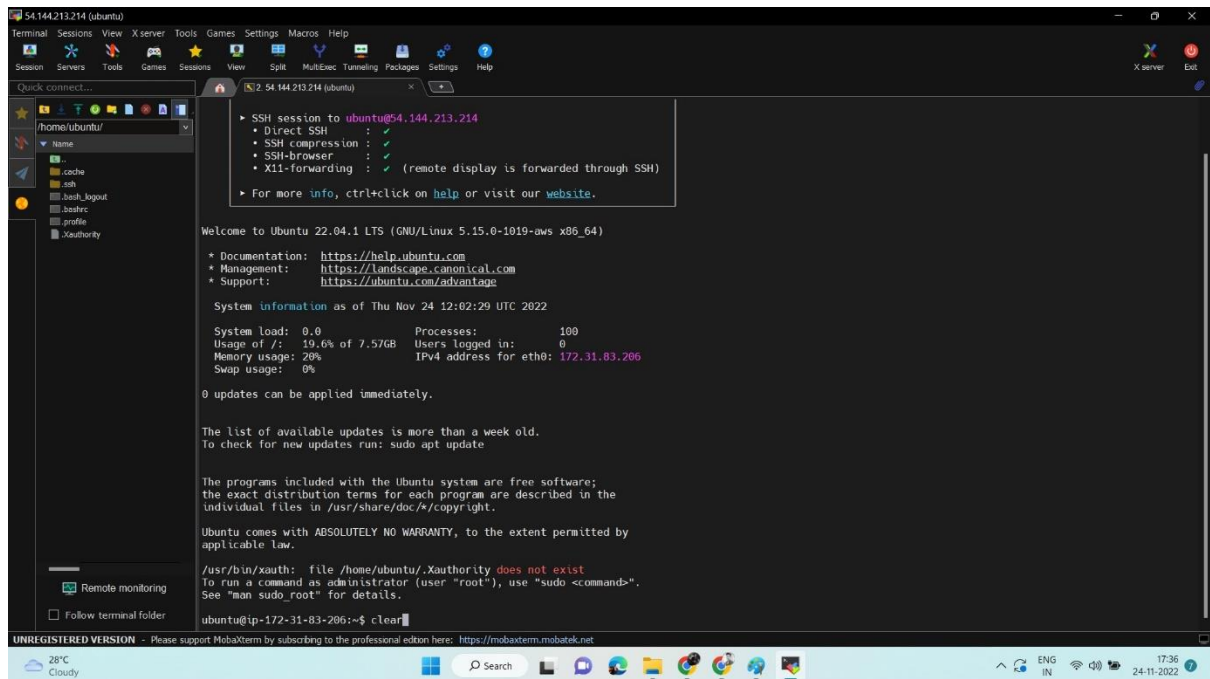
So just select your instance and copy your public IP



Paste your public ip in remote host and specify username as Ubuntu, now click on advanced SSH settings search and select your key.



Successfully connected

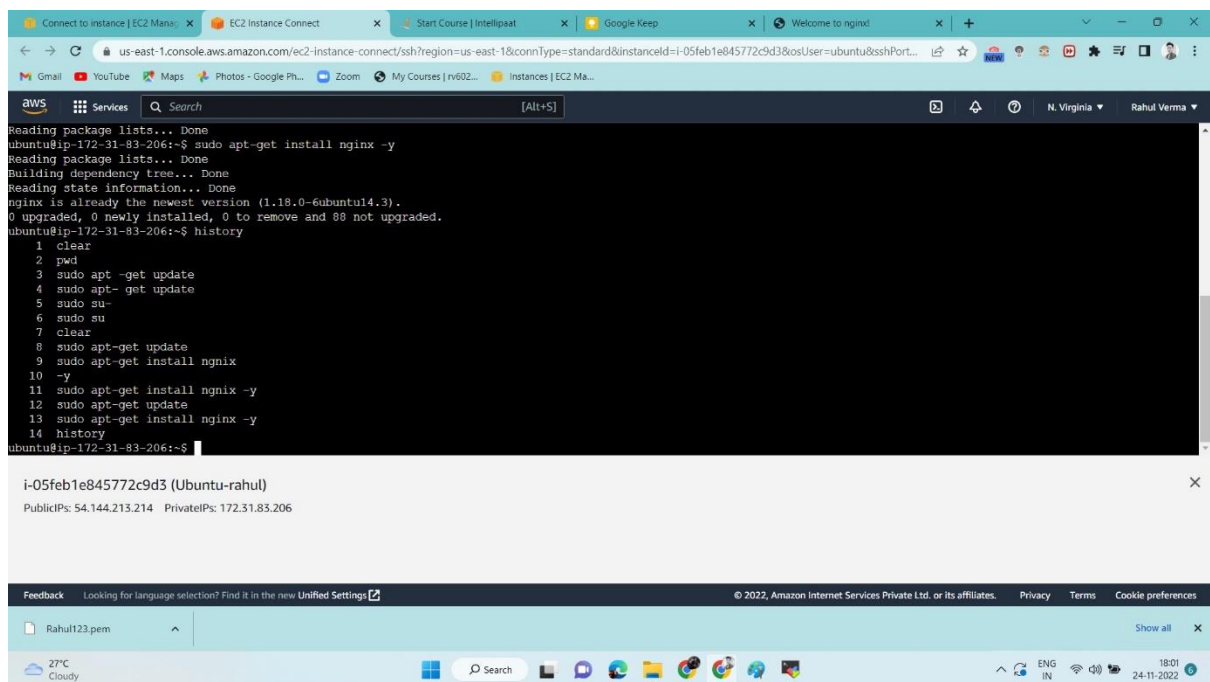


Write commands-

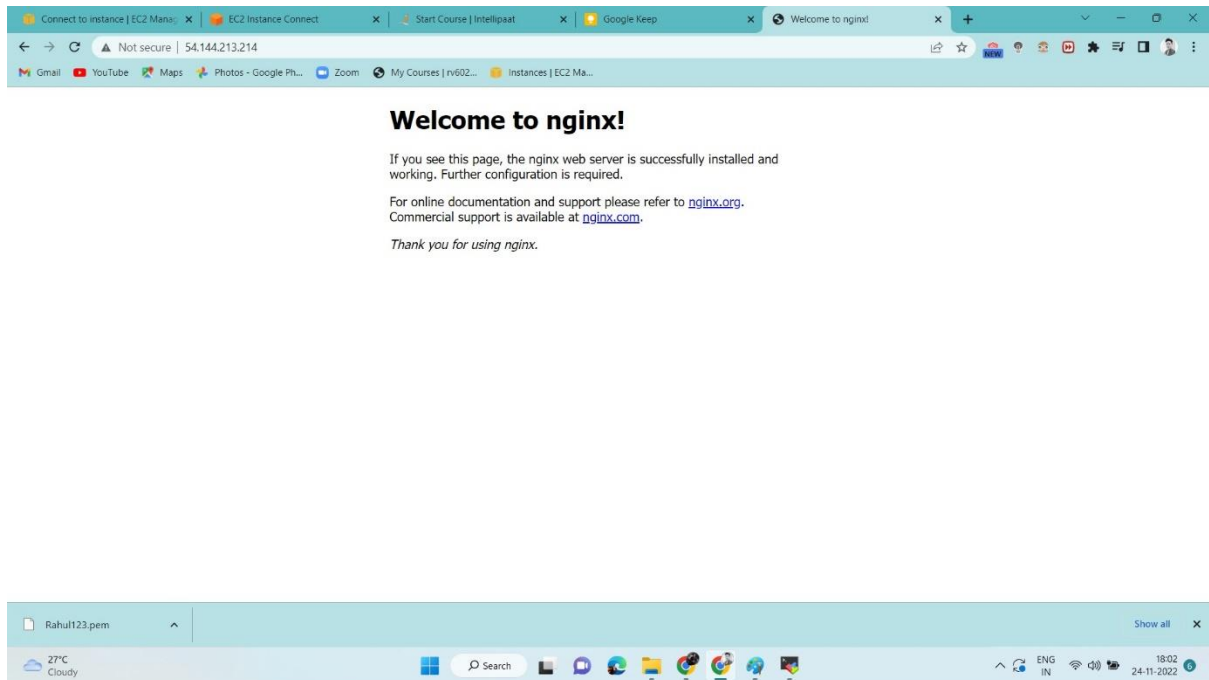
Sudo apt-get update

Sudo apt-get install nginx -y

Now copy public ip and paste it in browser



Nginx is installed successfully



Now will change it to hello world

Cd /var/www/html

Ls

Sudo nano index.nginx-debian.html

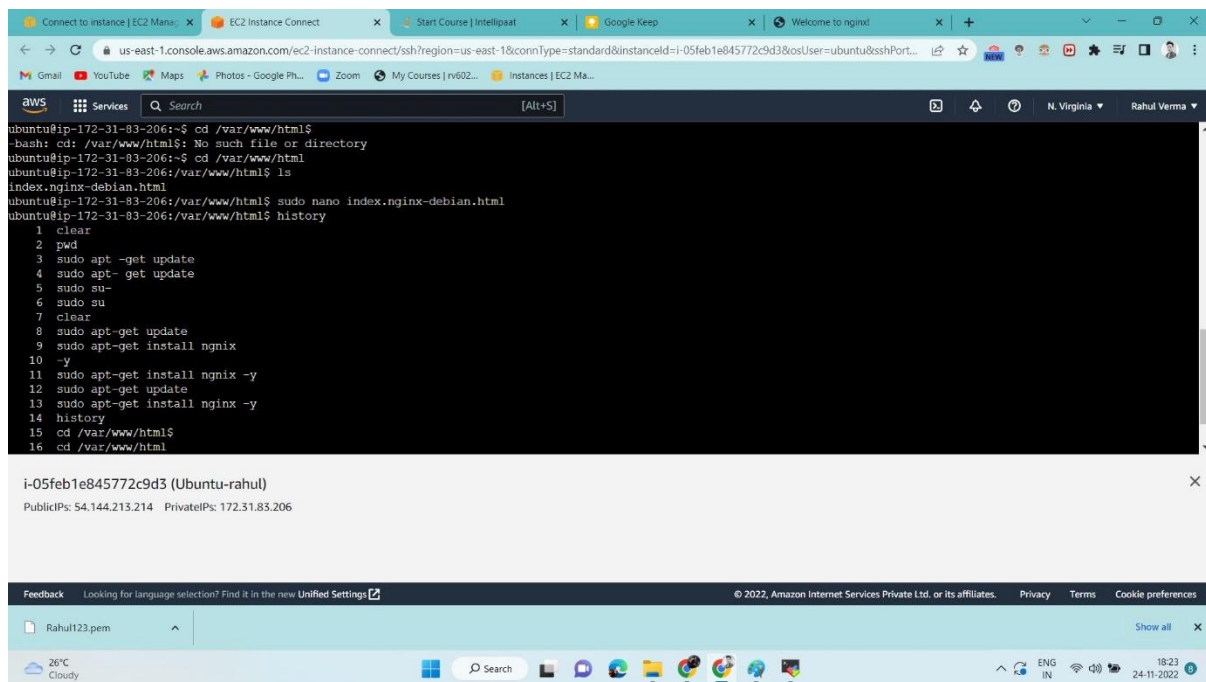
In editor change or replace nginx with hello world

OR

Sudo rm index.nginx-debian.html (to remove this file)

Sudo nano index.html

Now type Hello world in editor press ctrl+s and ctrl+x to save and exit.



The screenshot shows a web browser window with multiple tabs, including 'EC2 Instance Connect', 'Start Course | Intellipaat', 'Google Keep', and 'Welcome to nginx!'. The active tab is 'us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-05feb1e845772c9d3&osUser=ubuntu&sshPort=22'. The browser address bar shows the URL. Below the browser window, there is a terminal window titled 'i-05feb1e845772c9d3 (Ubuntu-rahul)'. The terminal shows the following commands and output:

```
ubuntu@ip-172-31-83-206:~$ cd /var/www/html$
-bash: cd: /var/www/html: No such file or directory
ubuntu@ip-172-31-83-206:~$ cd /var/www/html
ubuntu@ip-172-31-83-206:~$ ls
index.nginx-debian.html
ubuntu@ip-172-31-83-206:~$ sudo nano index.nginx-debian.html
ubuntu@ip-172-31-83-206:~$ history
1  clear
2  pwd
3  sudo apt -get update
4  sudo apt -get update
5  sudo su-
6  sudo su
7  clear
8  sudo apt-get update
9  sudo apt-get install nginx
10 -y
11 sudo apt-get install nginx -y
12 sudo apt-get update
13 sudo apt-get install nginx -y
14 history
15 cd /var/www/html$
16 cd /var/www/html
```

Below the terminal window, there is a section titled 'i-05feb1e845772c9d3 (Ubuntu-rahul)' with the following information:

PublicIPs: 54.144.213.214 PrivateIPs: 172.31.83.206

At the bottom of the screenshot, there is a Windows taskbar showing the date and time as 18:23 on 24-11-2022, and the weather as 26°C Cloudy.

Page is successfully changed to hello world

