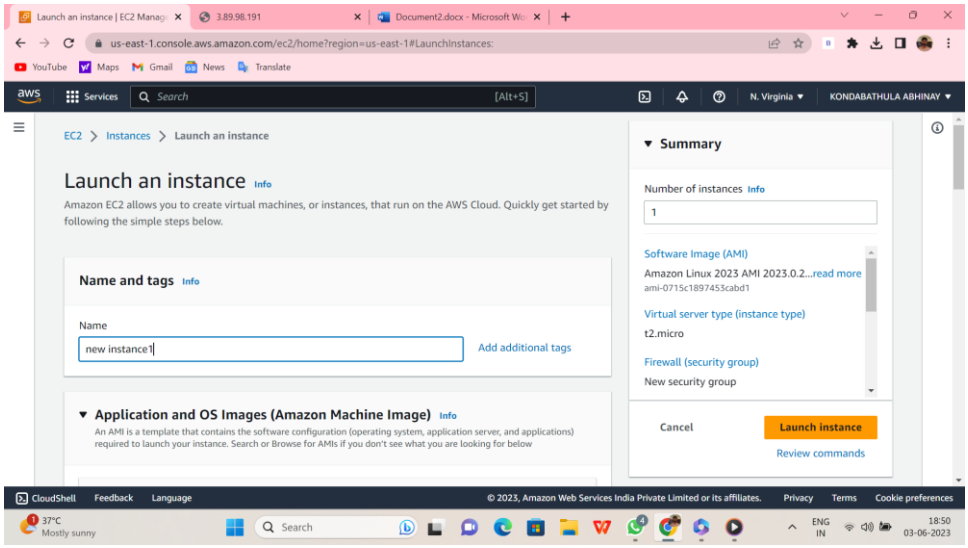
Project 1: **Create a Public Ip using EC2 instance hosting of Apache web server.**

Step1: Create an AWS account which is free.

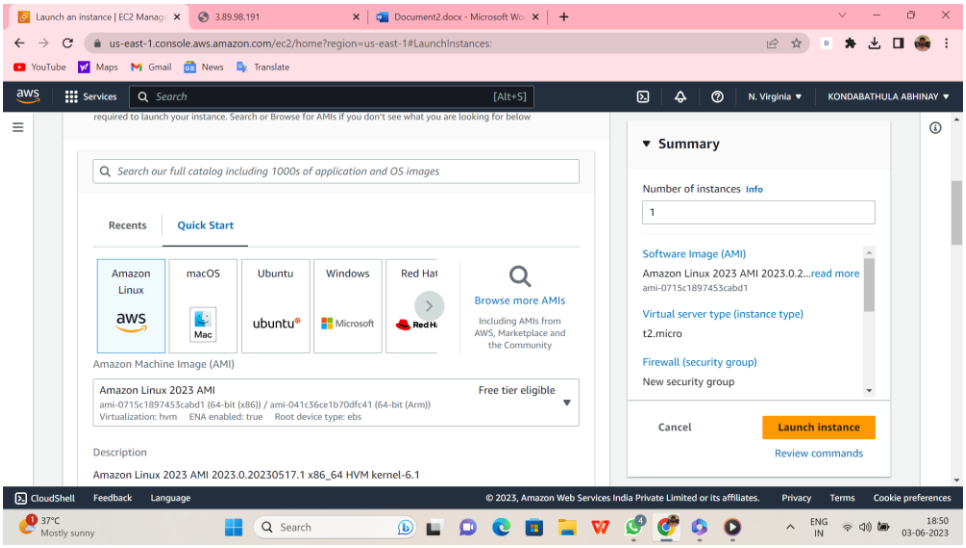
Step2: Create an instance in AWS account.

Follow these steps to create an ec2 instance in AWS account:

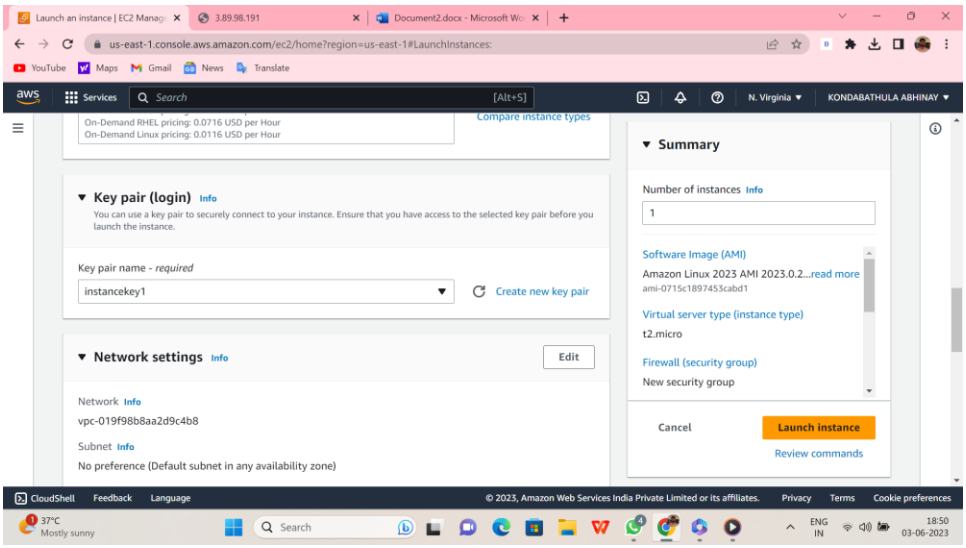
- Click on the top left **AWS icon** which will take you to home page. (or)
- Click on EC2
- Click on Launch Instance button. Give a name to your instance.



- Select Amazon Linux OS >

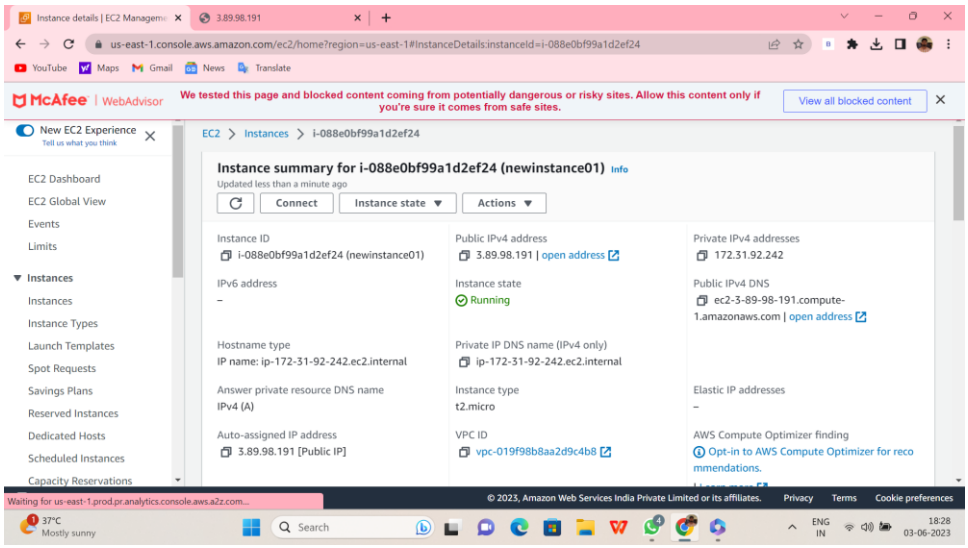


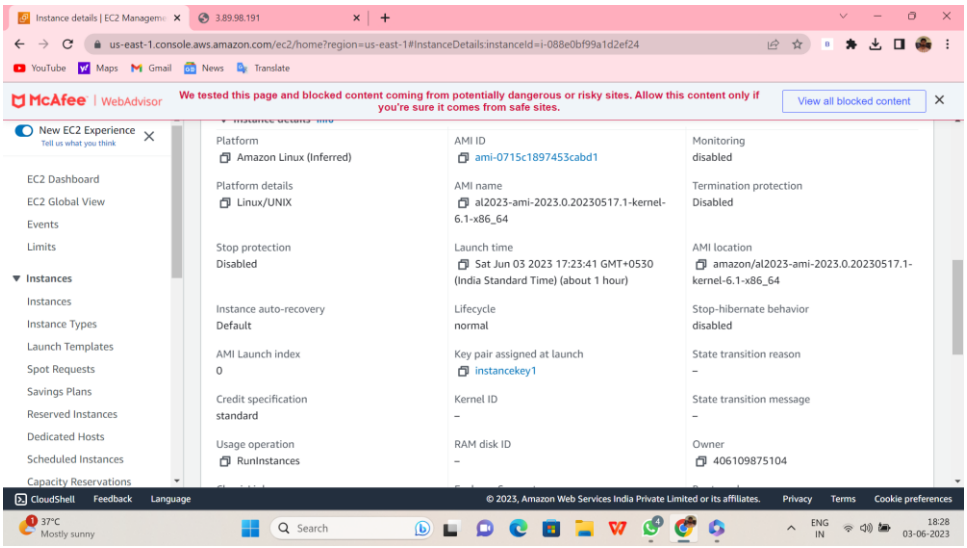
- Create a key pair by clicking on create a key pair button and download the .pem file >



- Click on launch instance.

Now your instance is created and your .pem file is in your /Downloads

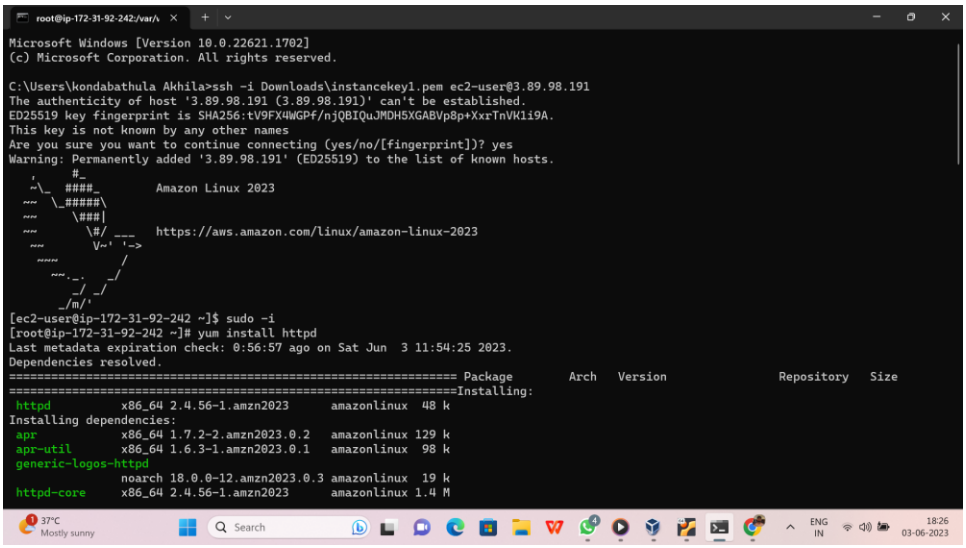




Step3: Go to Command Prompt in your computer.

Step4: Type the command:

" ssh -i \Downloads\keyname.pem ec2-user@public ip"

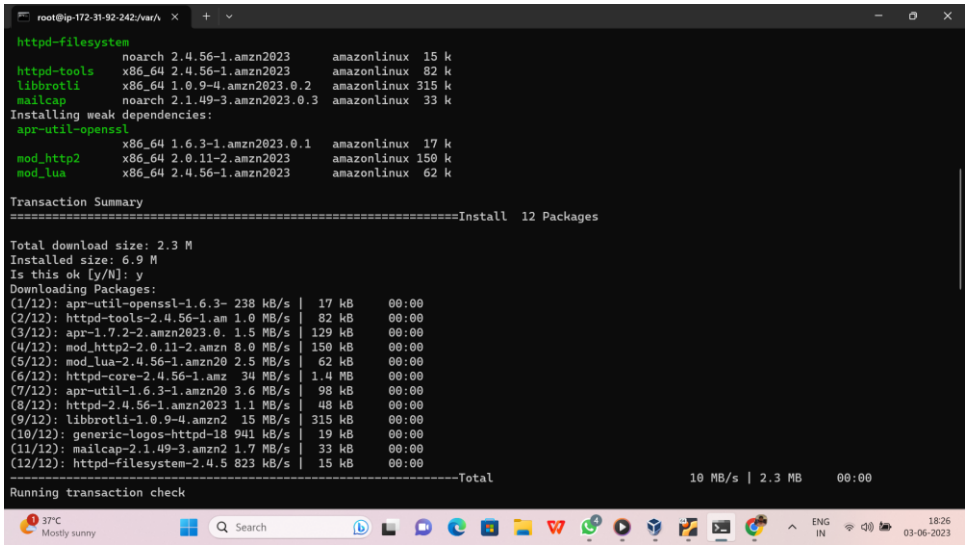


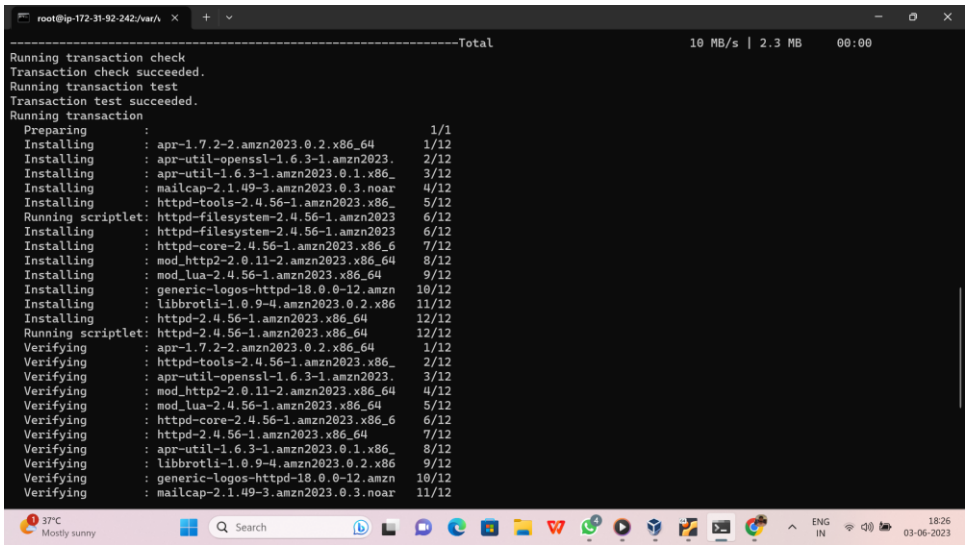
You will be in instance.

Type commands

“sudo -i"

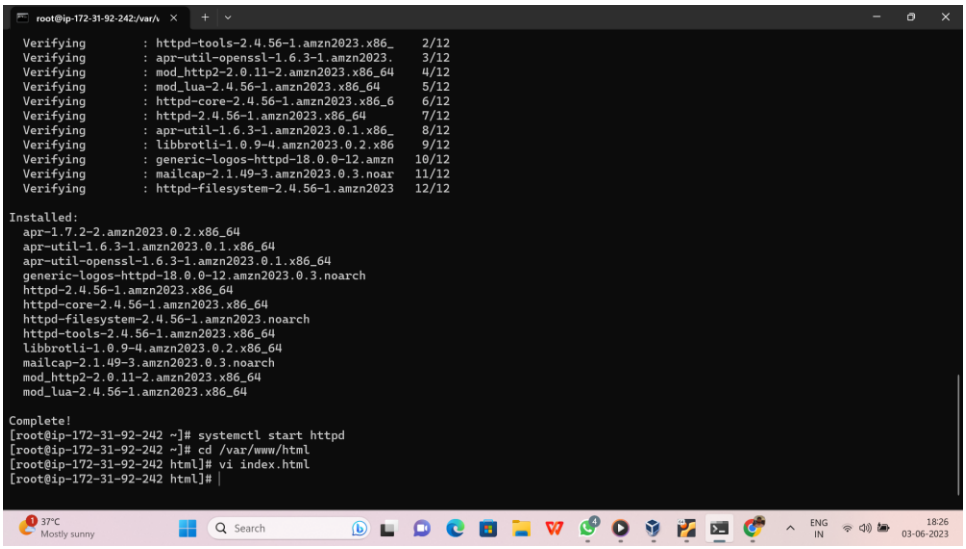
“yum install httpd”





Now type:

“systemctl start httpd”



Now you can access the web server. It shows “It works”.

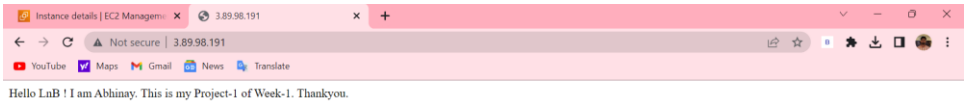
Now type:

“cd /var/www/html”

“vi index.html”

And click “i” to start insert and type whatever you want and press esc key and type “:wq” to save and exit

Now go back to your instance and copy the public ip address and paste it in new chrome page > You can see the text that you typed in html page.



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This is my project-1 of Week-1

My public ip: 3.89.98.191 (if this is not working it means I stopped my instance).

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