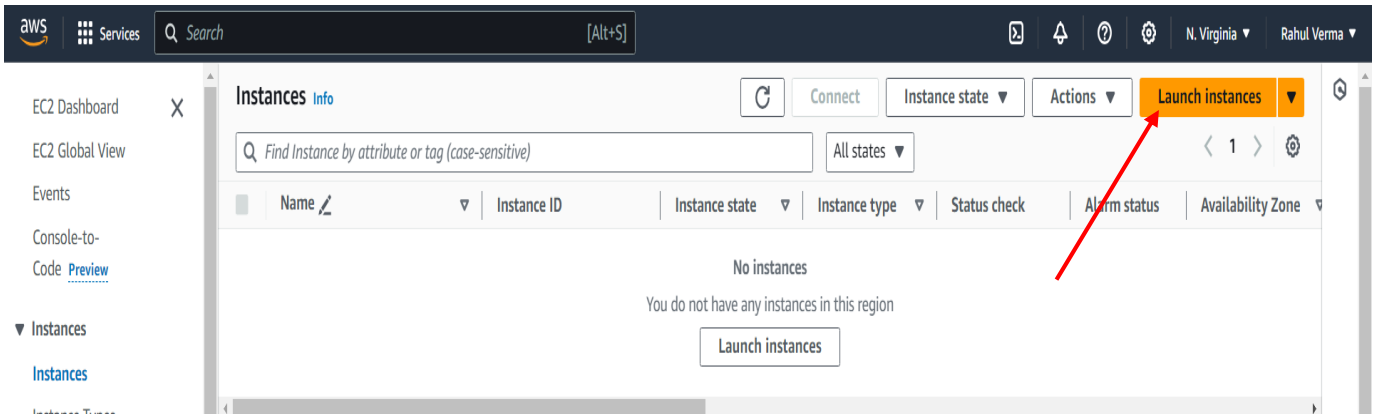
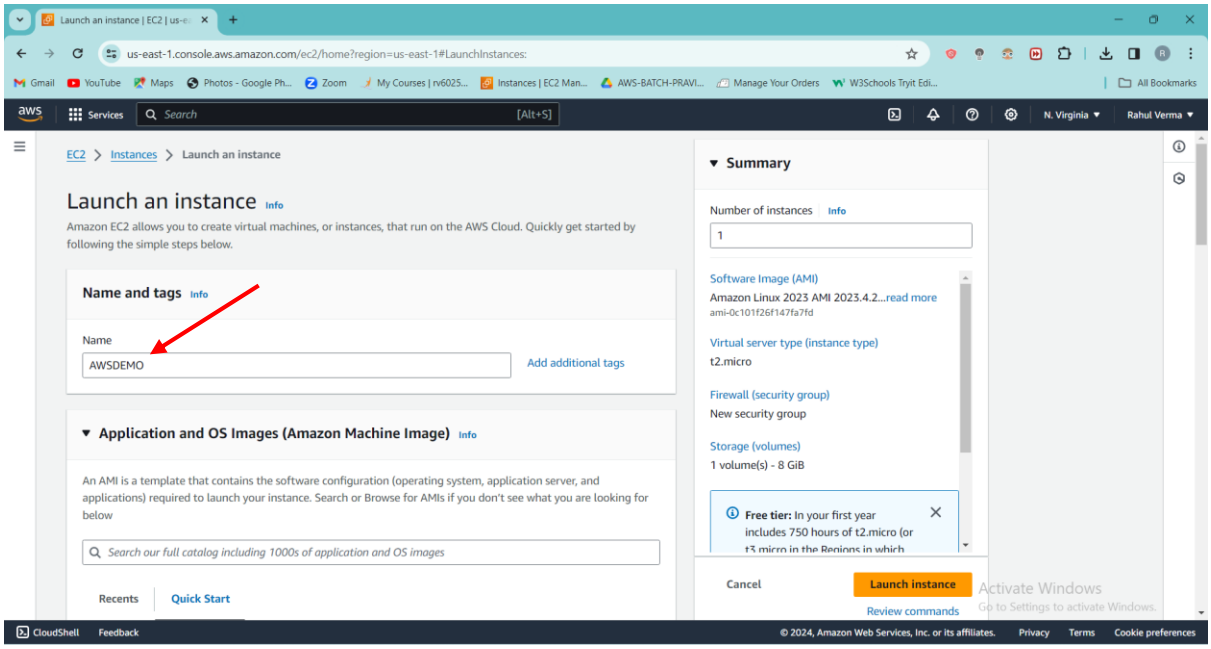
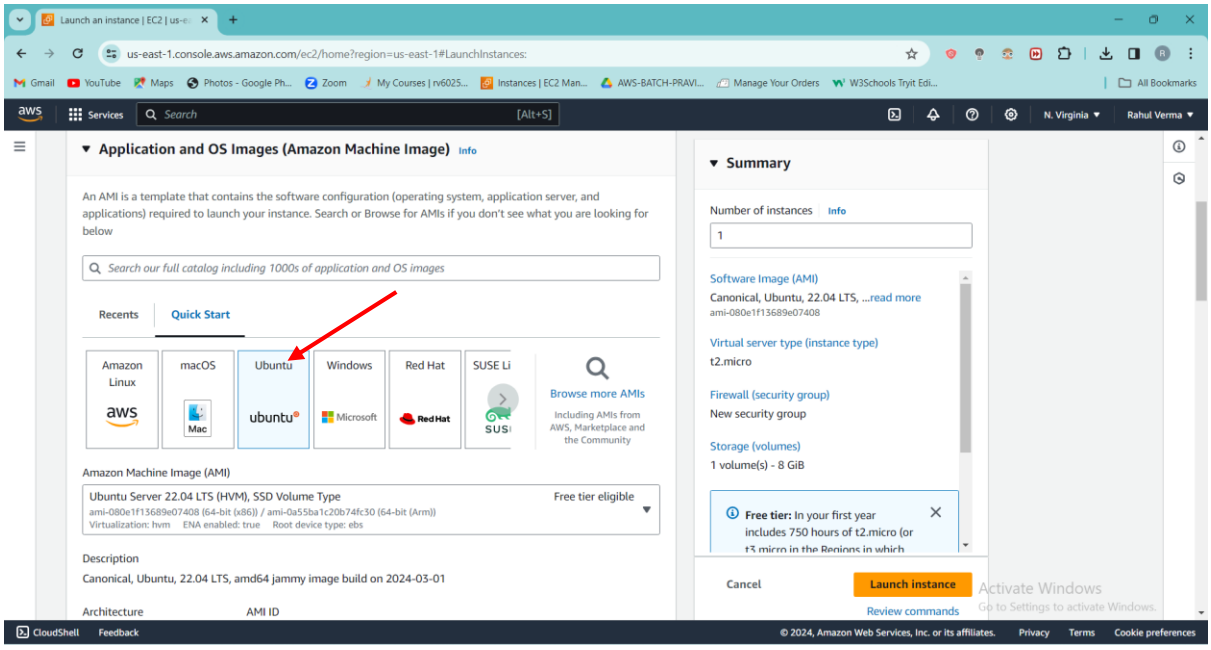
Step 1: Open your AWS console search for EC2 and select region where you want to create your instances. Now click on Launch instances-



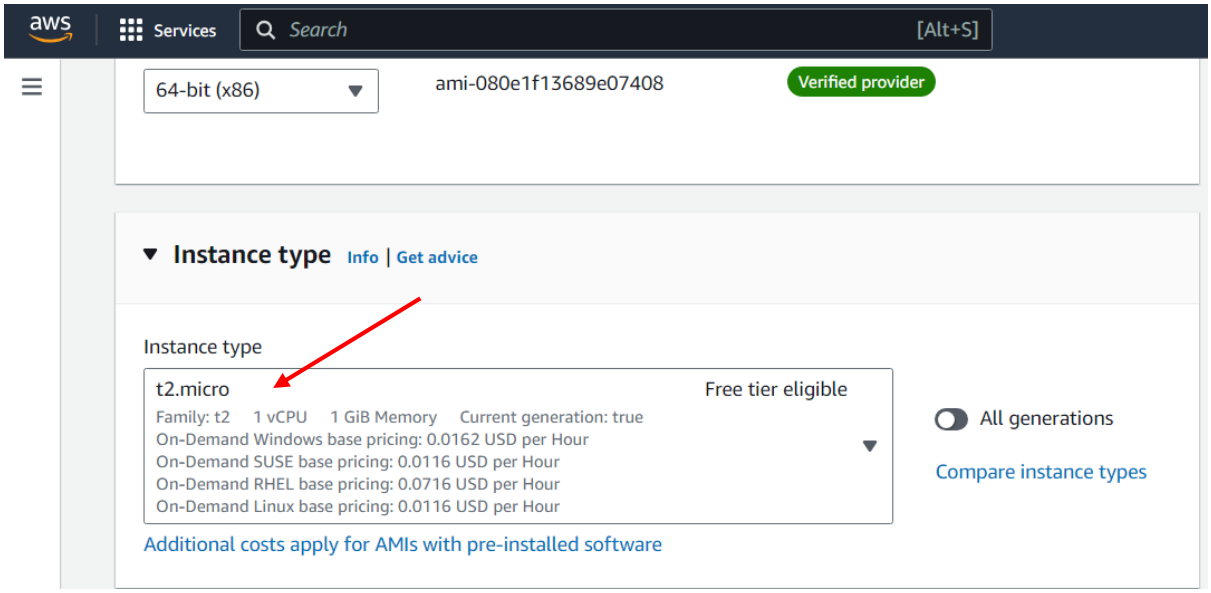
Step 2: Enter Name of your Instance, here I'm defining it as "**AWSDEMO**" {Note- you can change it later also.}



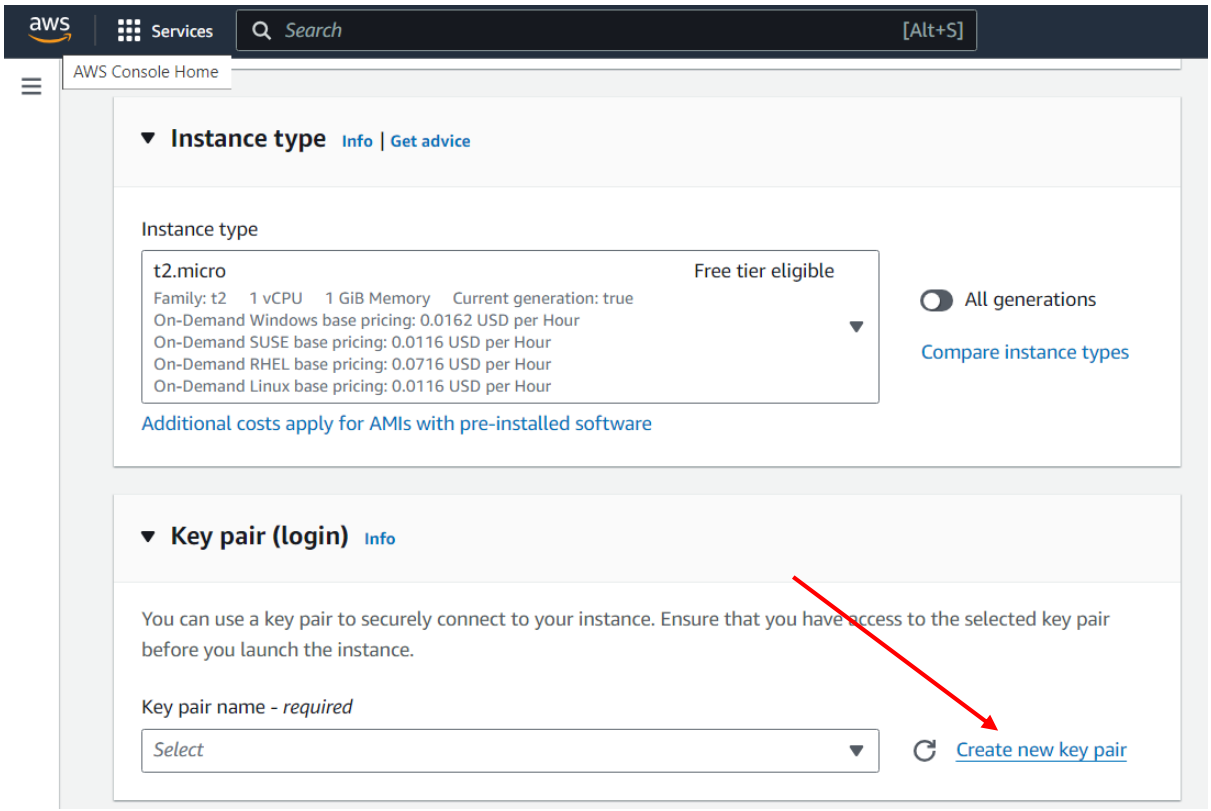
Step 3: Now select OS for your instance, in my case it is Ubuntu you can select whichever you want {Note: for Windows we have to use Fsx}



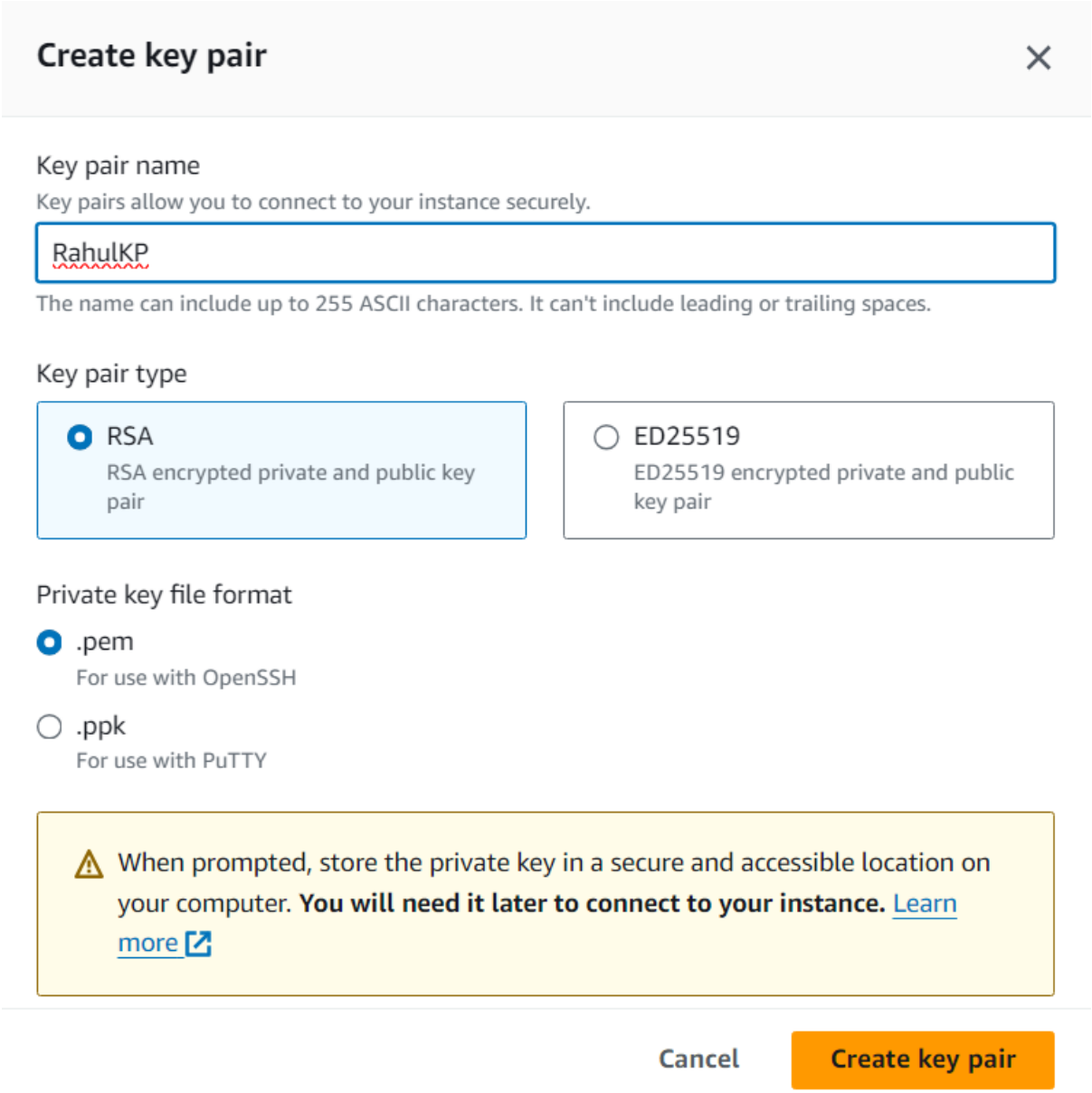
Step 4: After this we have to select instance type as we have doing it Hands-on so I'm going to use free tier only so I would go with T2.micro.



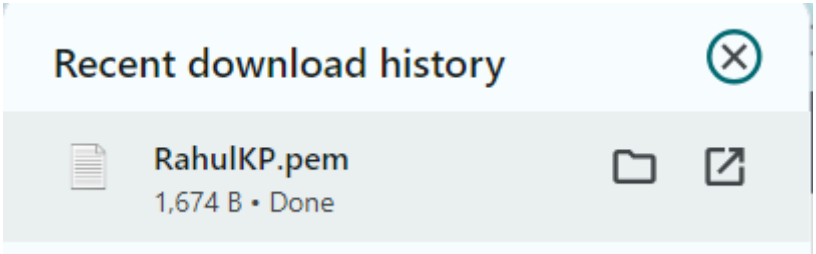
Step 5: Now just below Instances Key pair option would be there
{Key pair- A key pair, consisting of a public key and a private key, is a set of security credentials that you use to prove your identity when connecting to an Amazon EC2 instance.}
So we are going to create one for our Instance



If you click on Key pair a pop will appear on your screen same as below image
Enter key pair name in my case Im putting as “RahulKP”
Im using .pem file because I don’t want to use putty



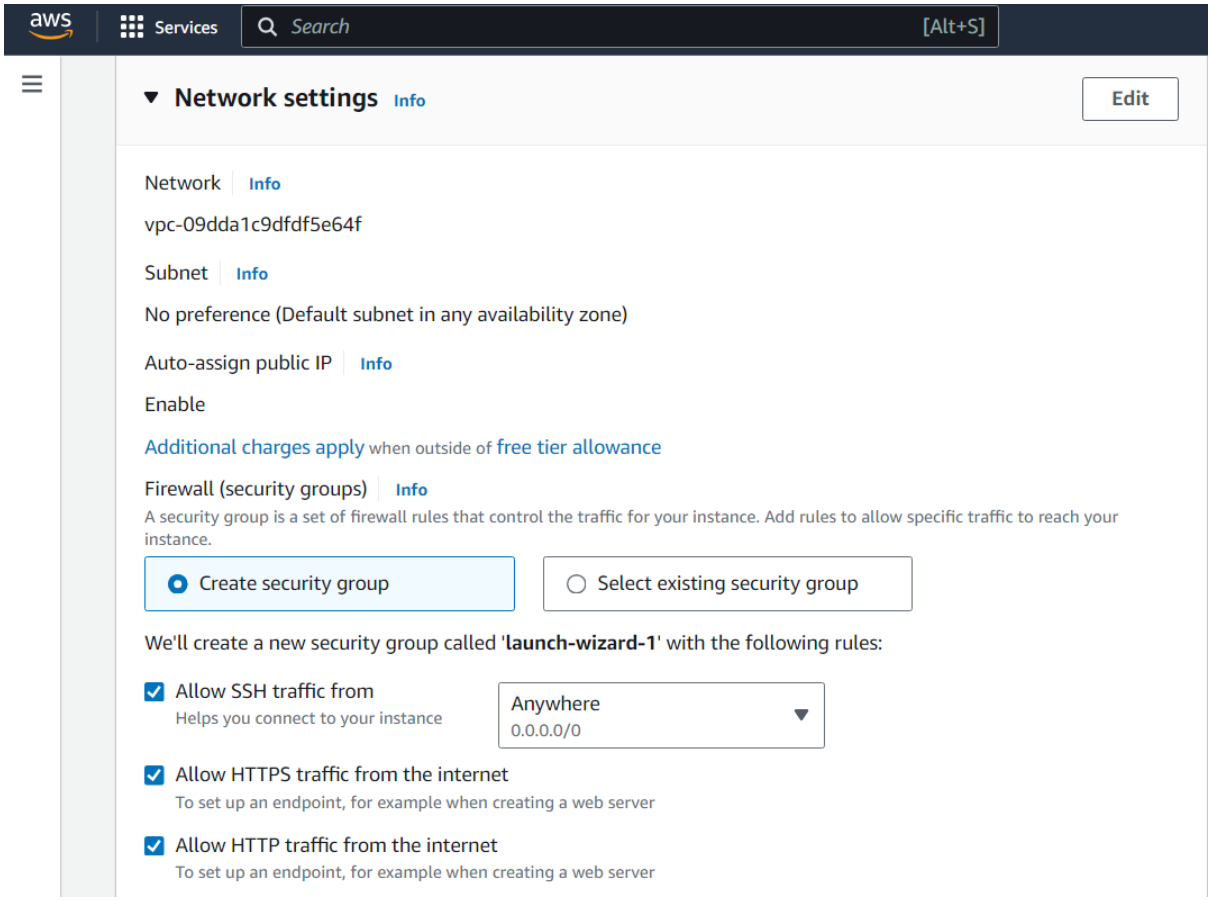
Your Key pair file will be downloaded in your download folder in your local pc



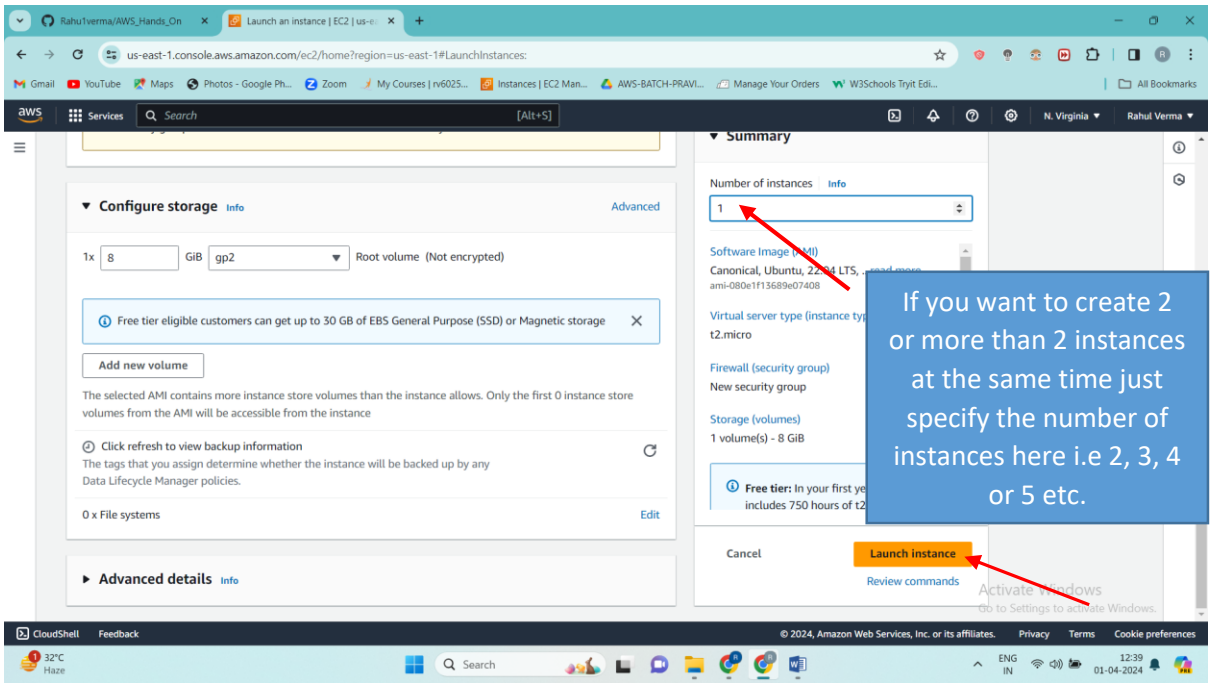
Step 6: So as a beginner I want you to go with default network settings just select create security group or you can create your own security group and there you can define which inbound & outbound traffic should be allow. I'm going to create new and I have selected

- Allow SSH
- Allow HTTPS
- Allow HTTP

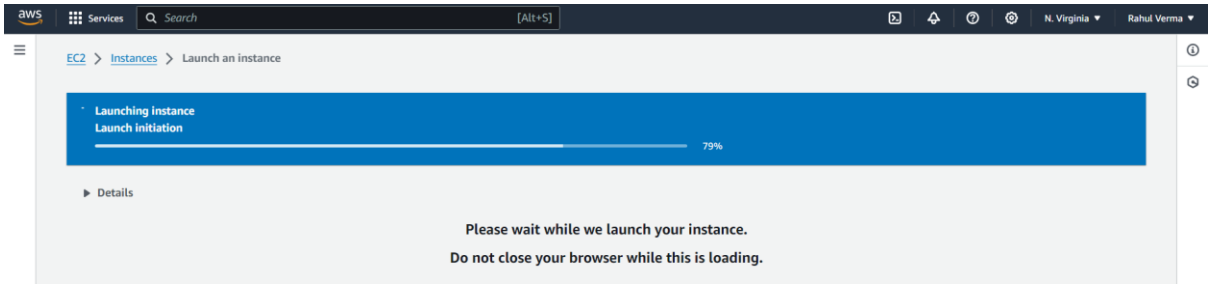
  I have selected these so that I am able to connect to my instances



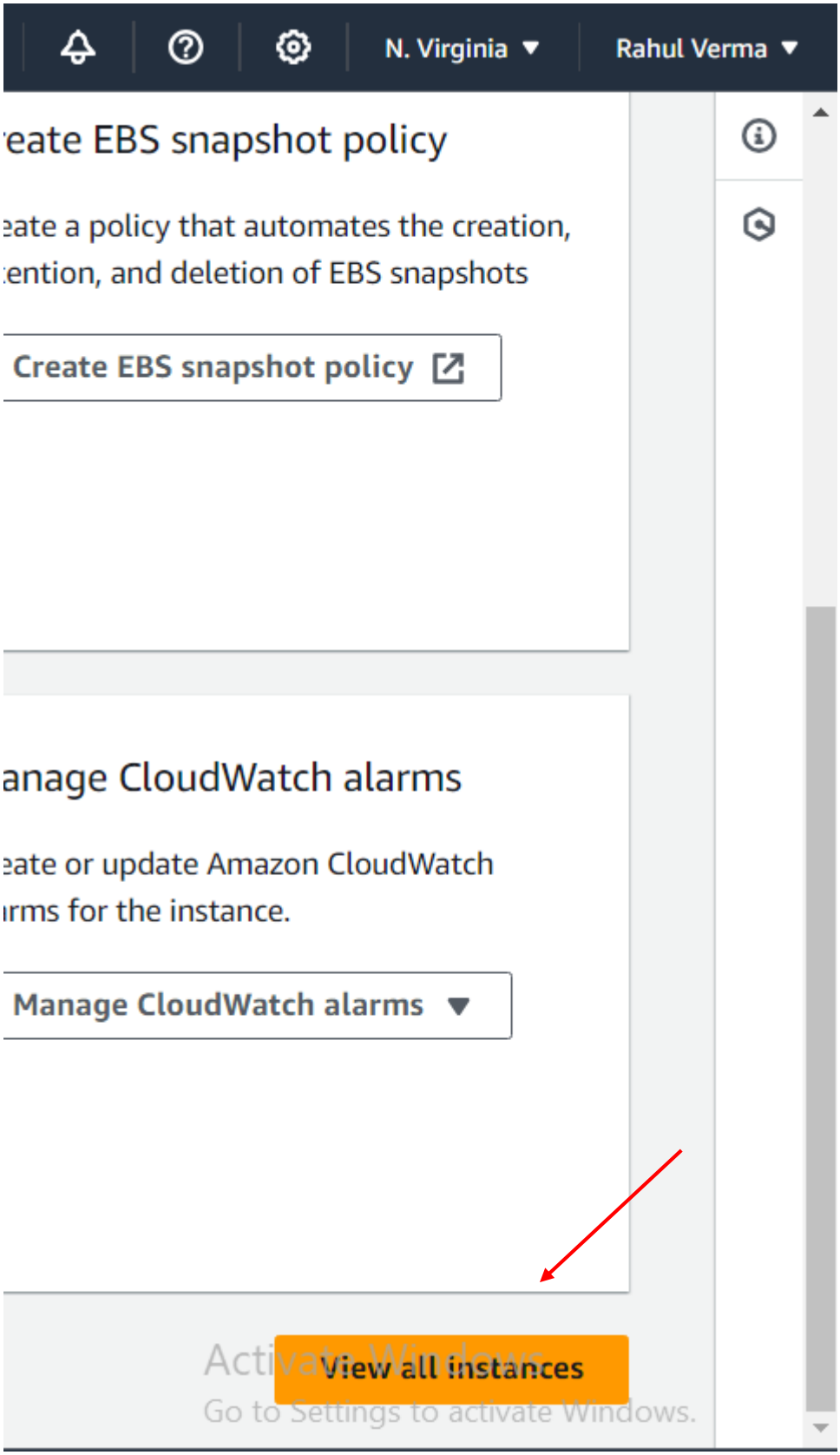
Step 7: And now if you can define the size you want in your instance. We need not have to do anything in advance details.



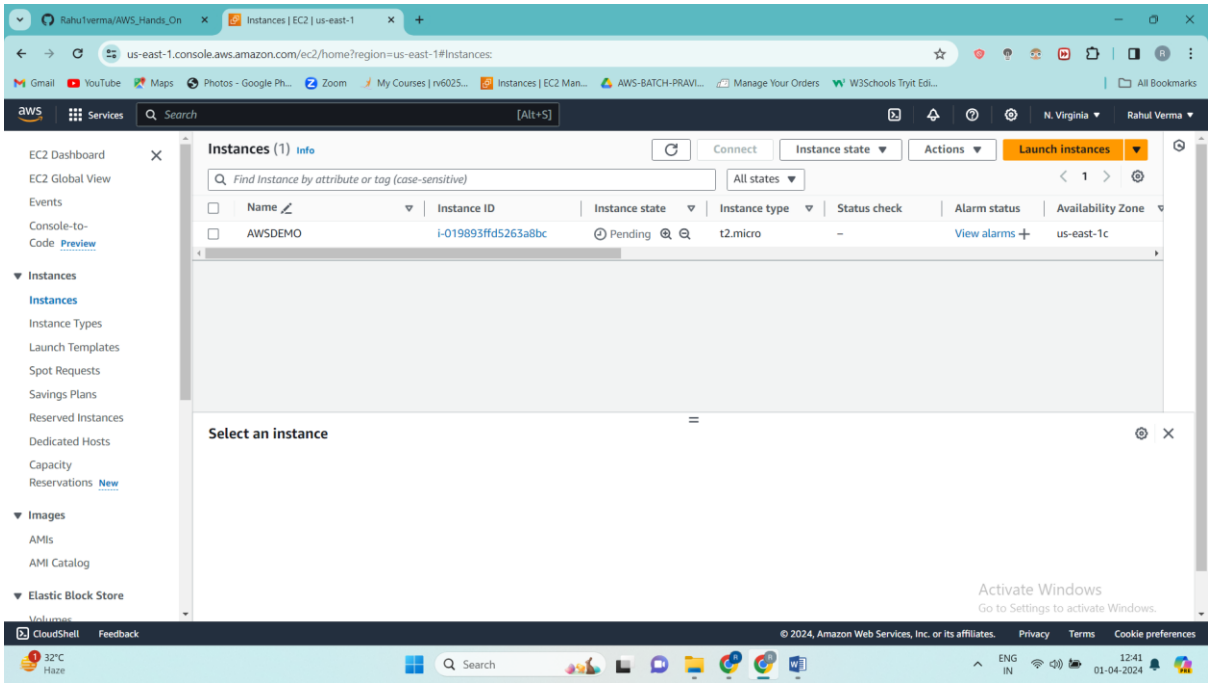
let's create our instance and now just click on launch instance. It will take few seconds or a minute



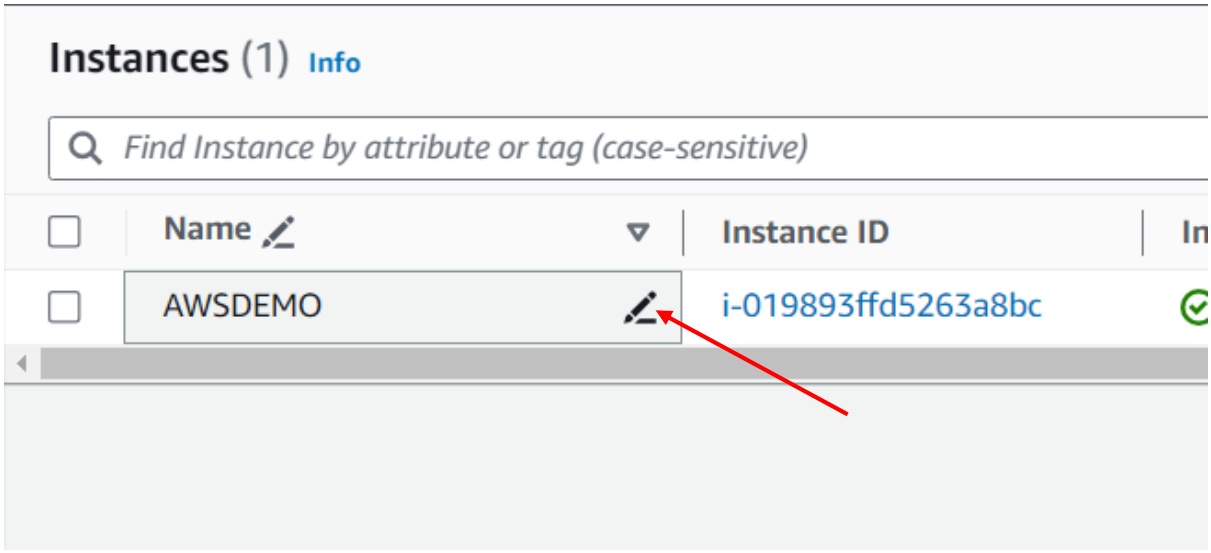
Now instance is created with some id, scroll down click on view all instances



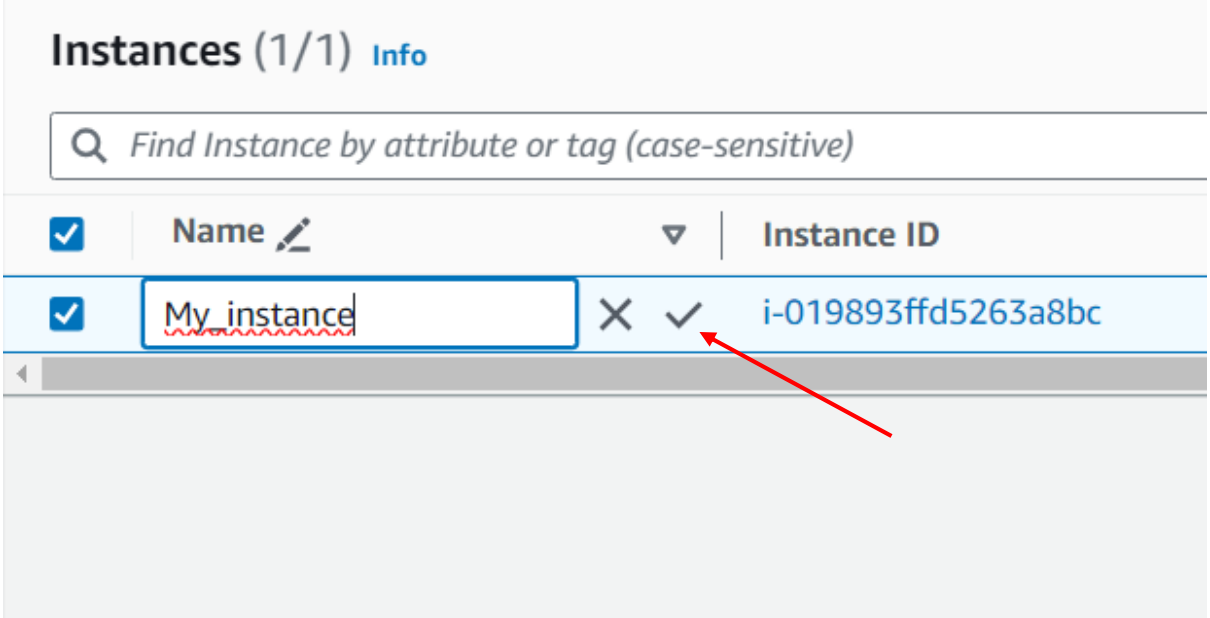
Our Instance AWSDEMO is created successfully
You can change it’s name whenever you want.



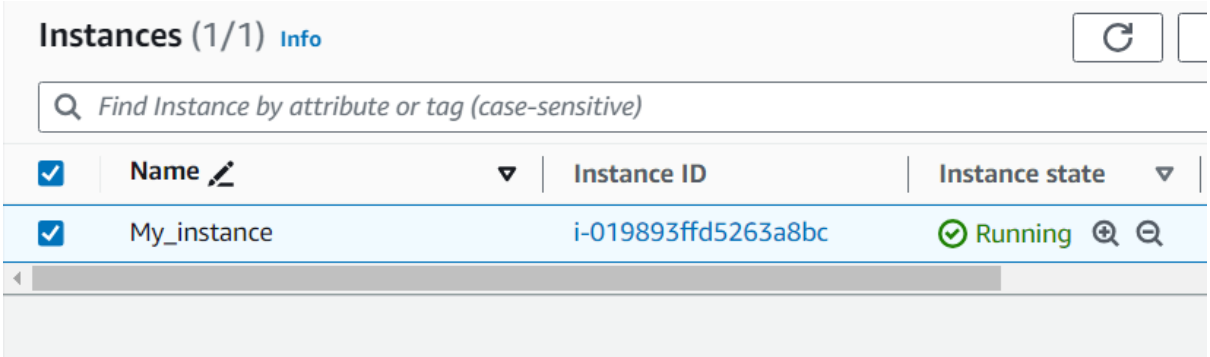
For better understanding let me do it for you-
So point the mouse cursor on your instance NAME
Now click on edit option



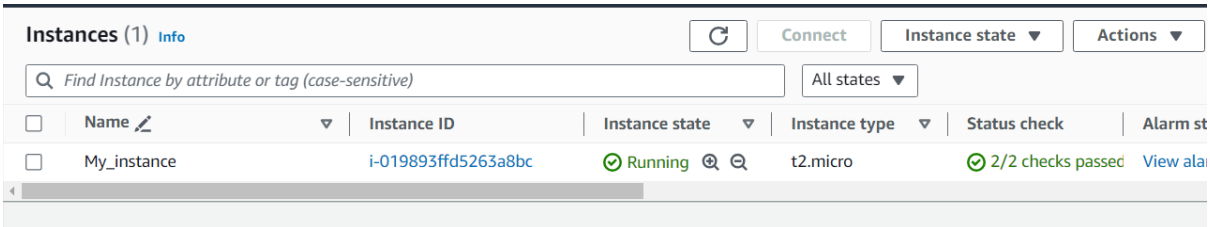
Define the name you want to change or update and click on tick option



And now my instance name is changed so this how you can do it



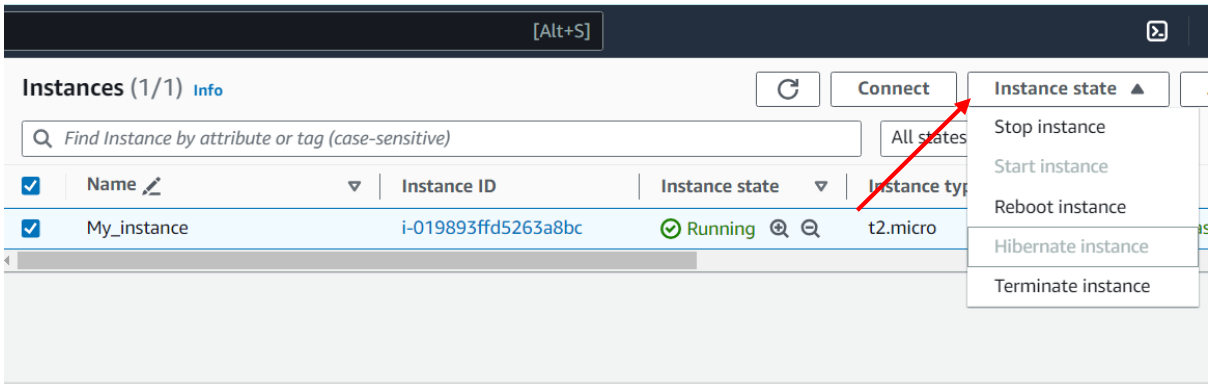
Our instance is created successfully, So before connecting to it
Always check "**Instance state**" and "**Status check**" it should be 2/2 checks passed



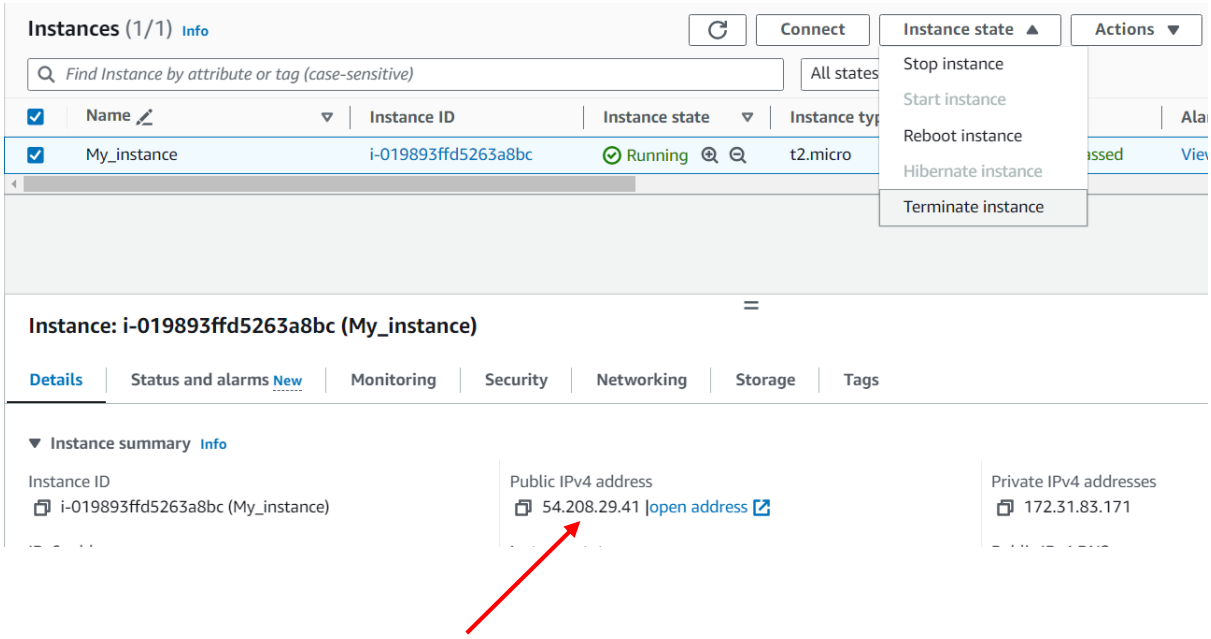
Don not forget to delete or terminate your instance otherwise you will have to pay the charges for it.

EXTRA Points-

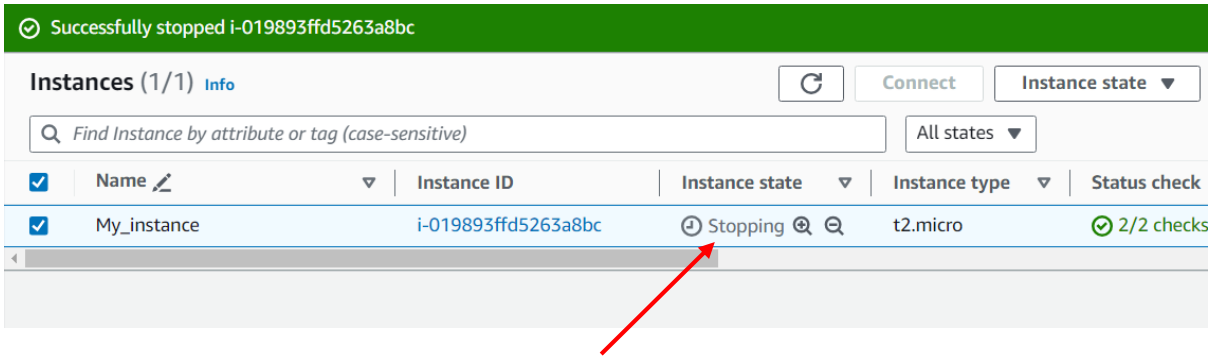
So if you have some other work and now you don't want your instance to run continuously so just select your instance go to Instance state and from there click on "**STOP Instance**"



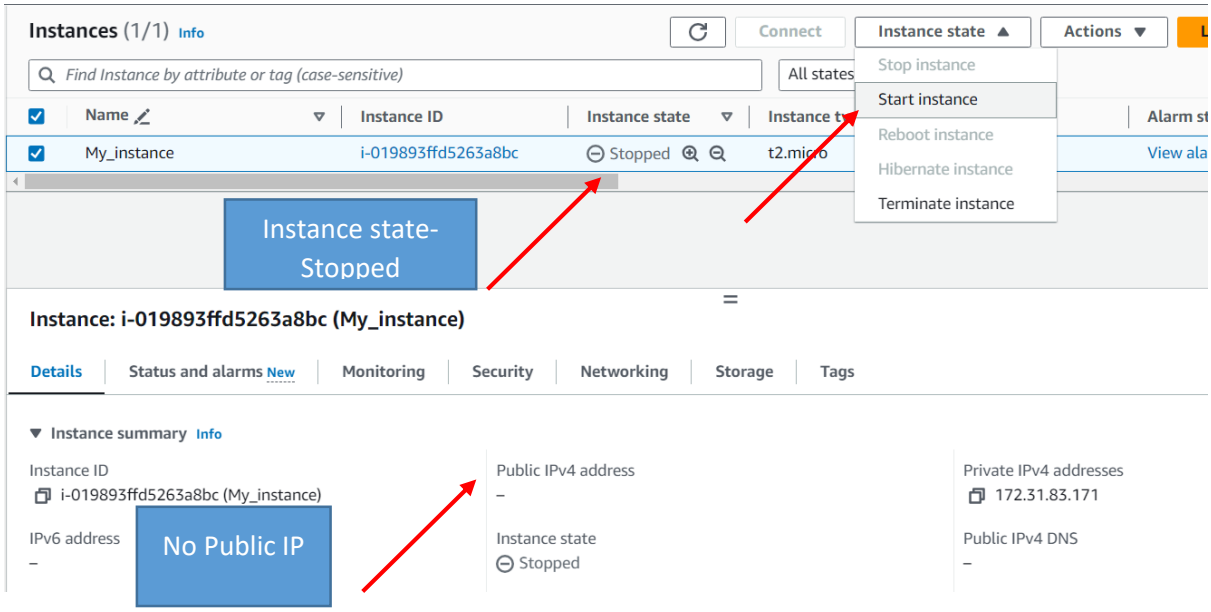
Each time you Stop and start your instance your public IP address will be change for example- my public ip is - **54.208.29.41**



Now let’s stop our instance



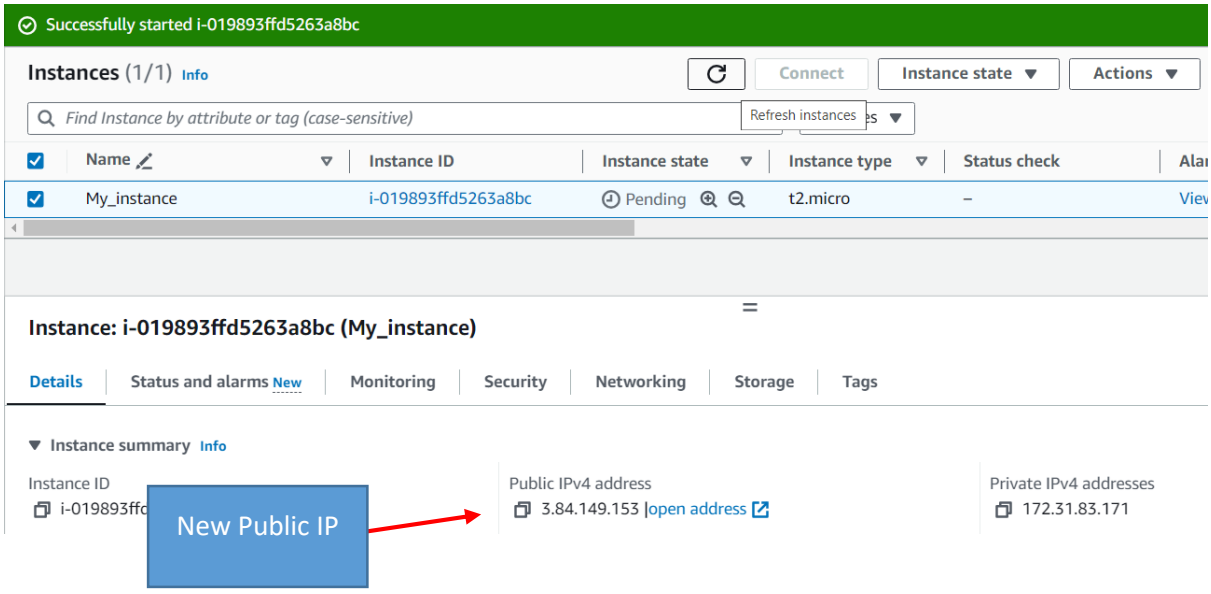
And now when we start our instance, our public IP would be different now.



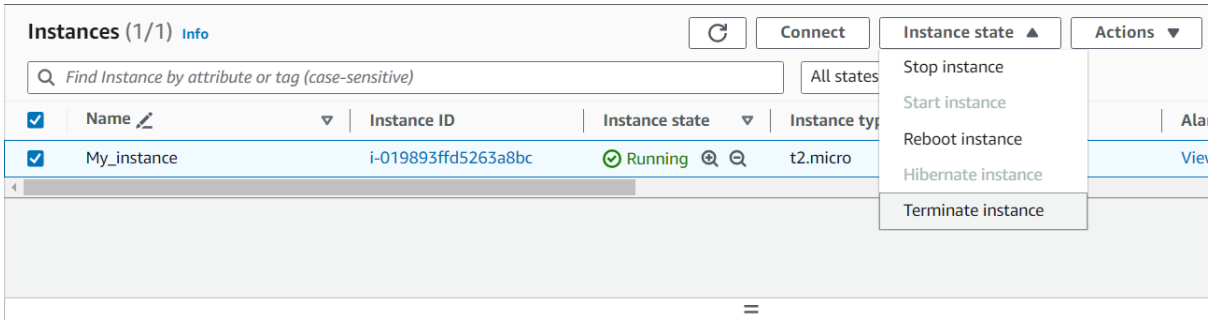
Once you click on start instance it will take some time

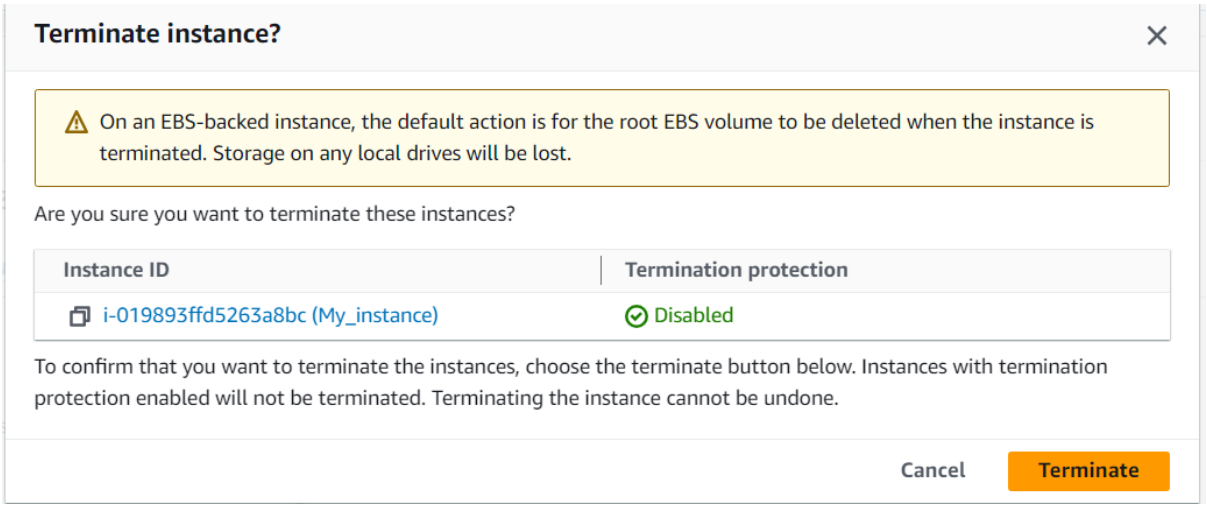
As you can see it is showing instance state as “Pending”

And our public IP address is also changed- 3.84.149.153

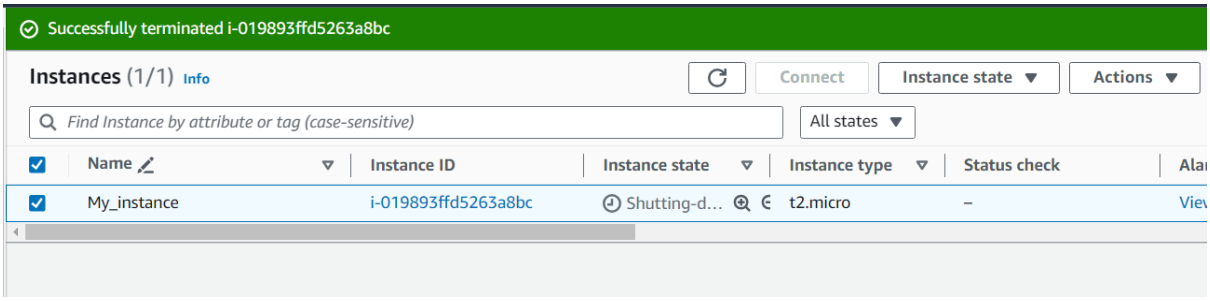


And if you want to Delete your Instance just go to instance state and click on “Terminate”





And now it's shutting down. It will take some for it.



Thank You