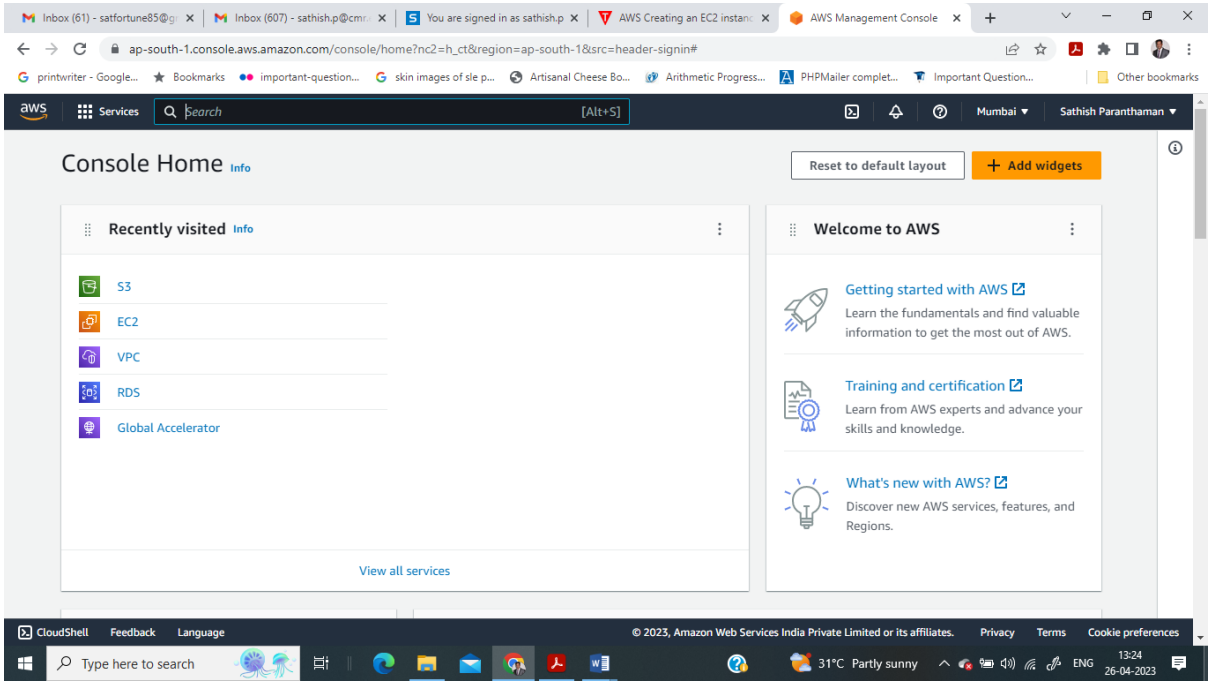
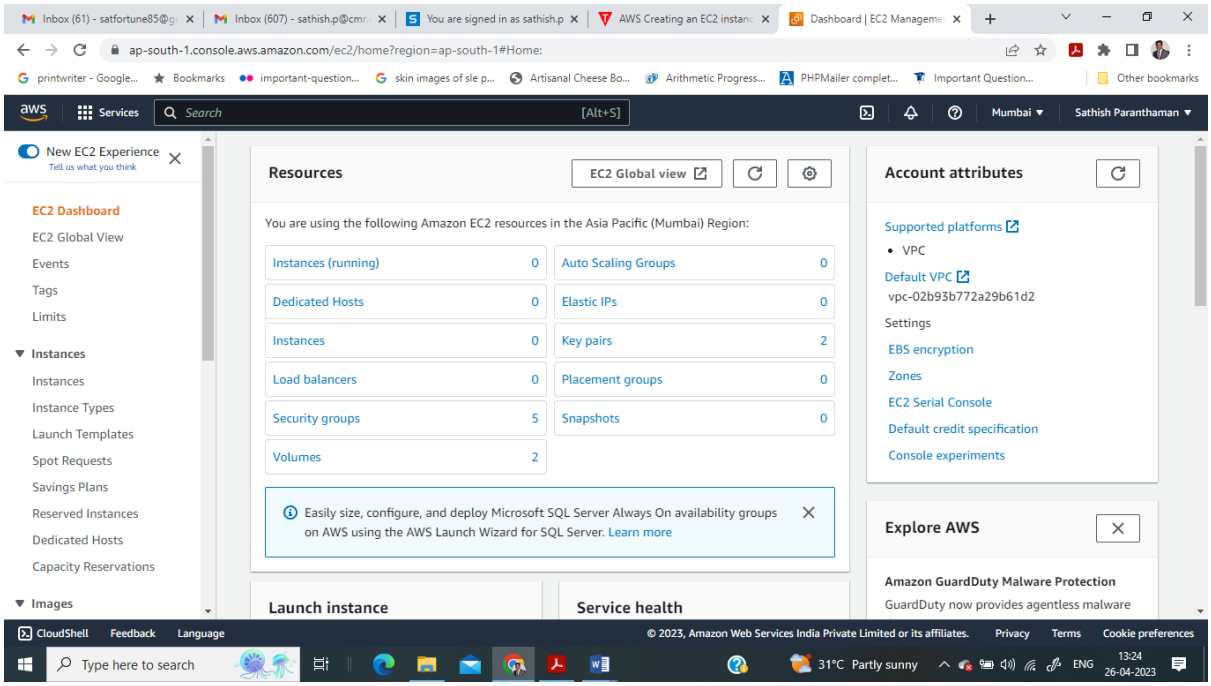
Program 1: Create a Linux and Windows based EC2 Instance.

Create a Linux based EC2 Instance

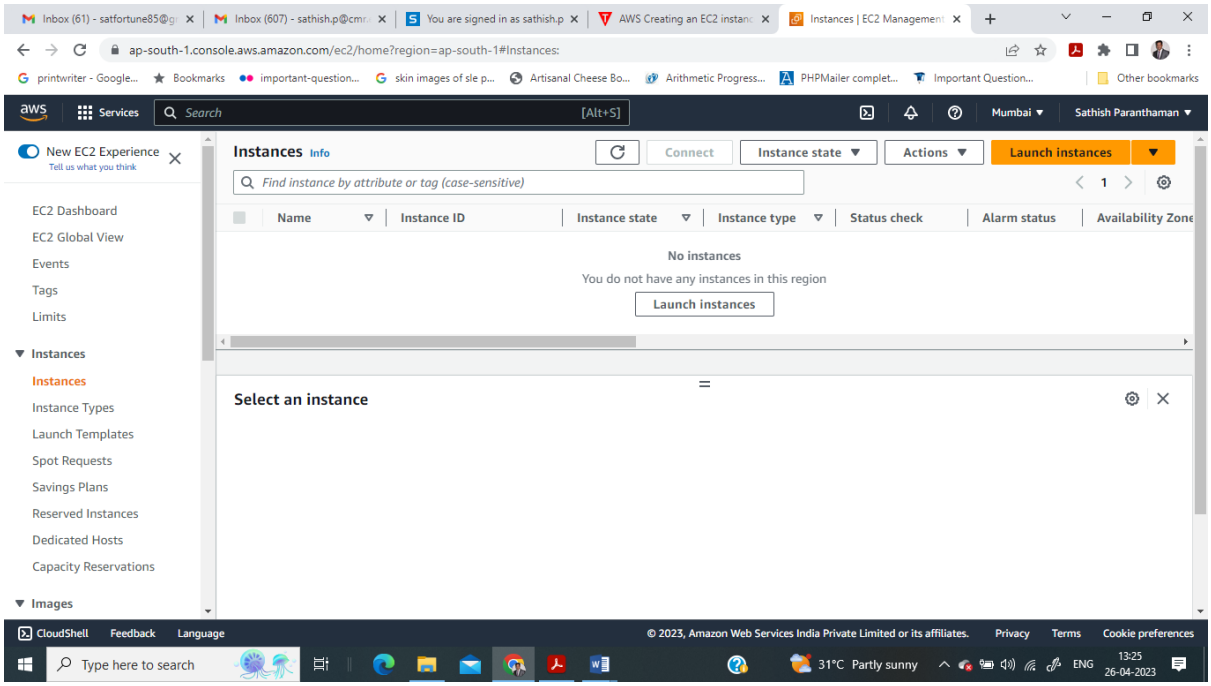
Step 1: Sign in to the AWS Management Console.



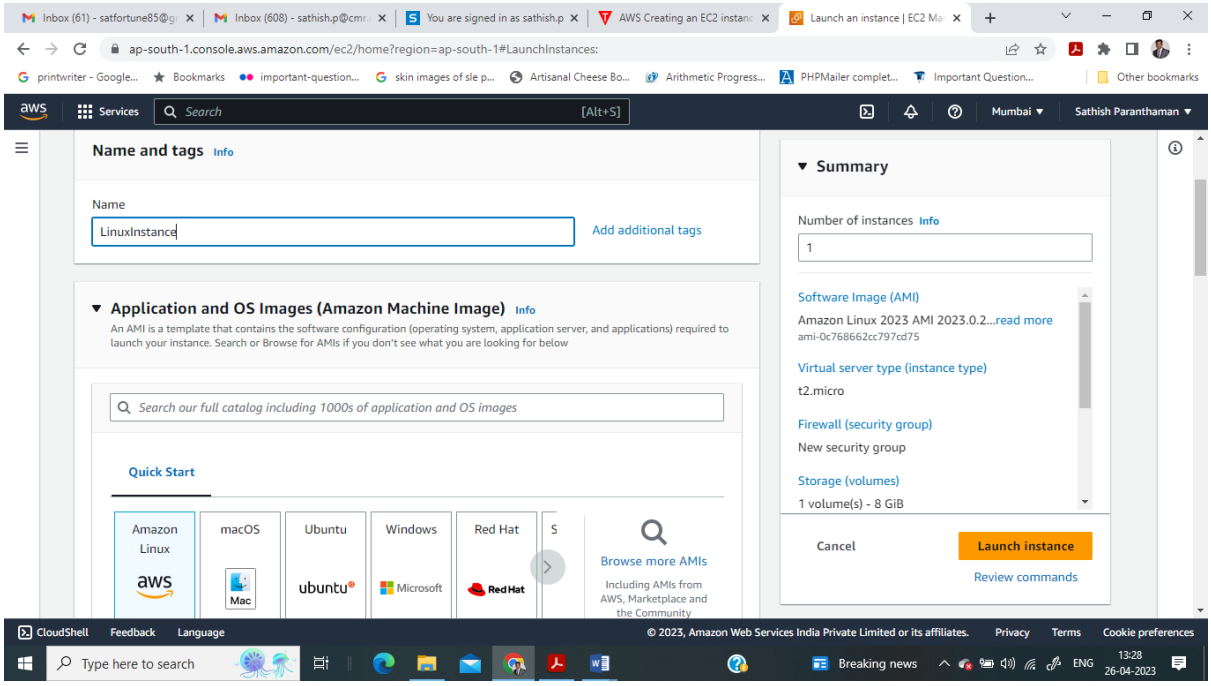
Step 2: Click on the EC2 service. Select instances.



Step 3: Click on the **Launch Instance** button to create a new instance.

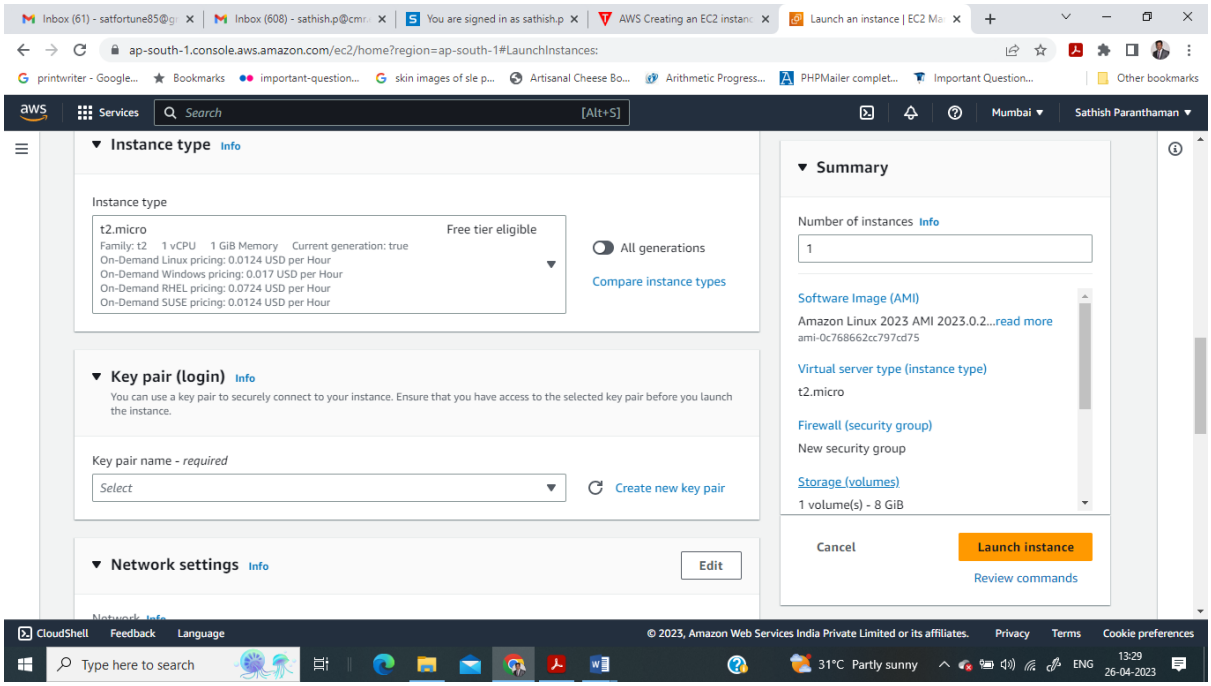


Step 4: Enter the name of the instance and select Amazon Linux AMI

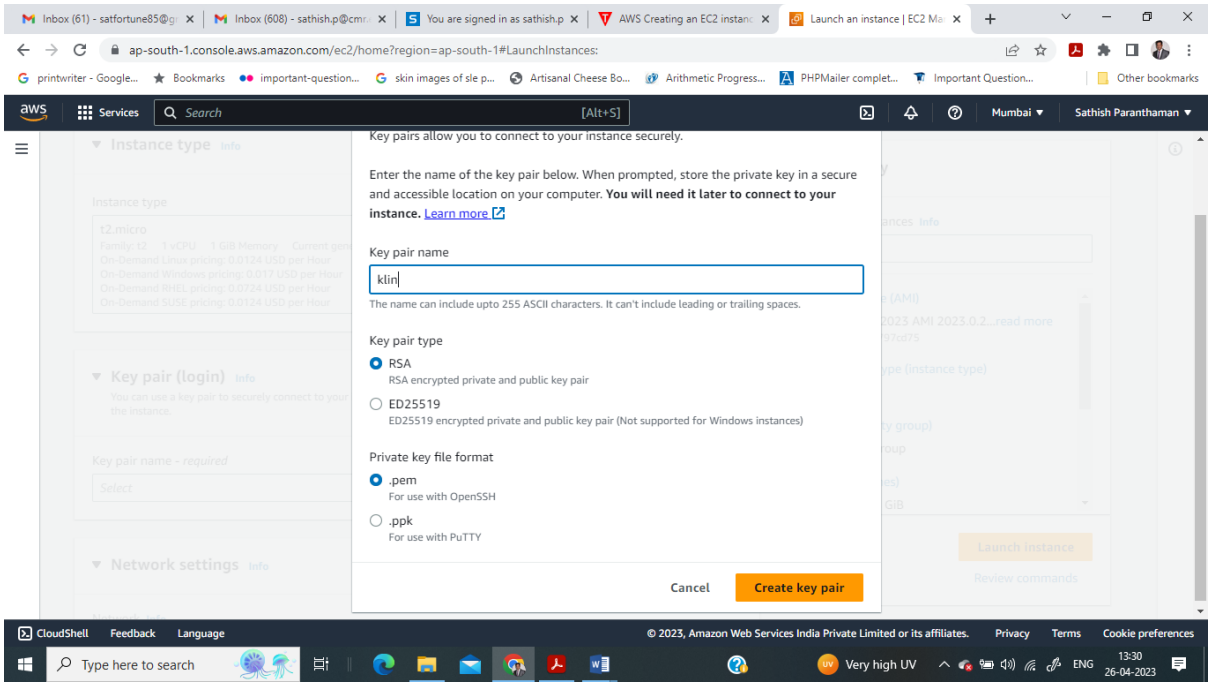


Step 5: Under instance type select free tier eligible instance.

Click on create new key pair to generate the .pem file



Step 6: Enter the name of the key pair and click create key pair. Now .pem file is created and downloaded to the local computer.



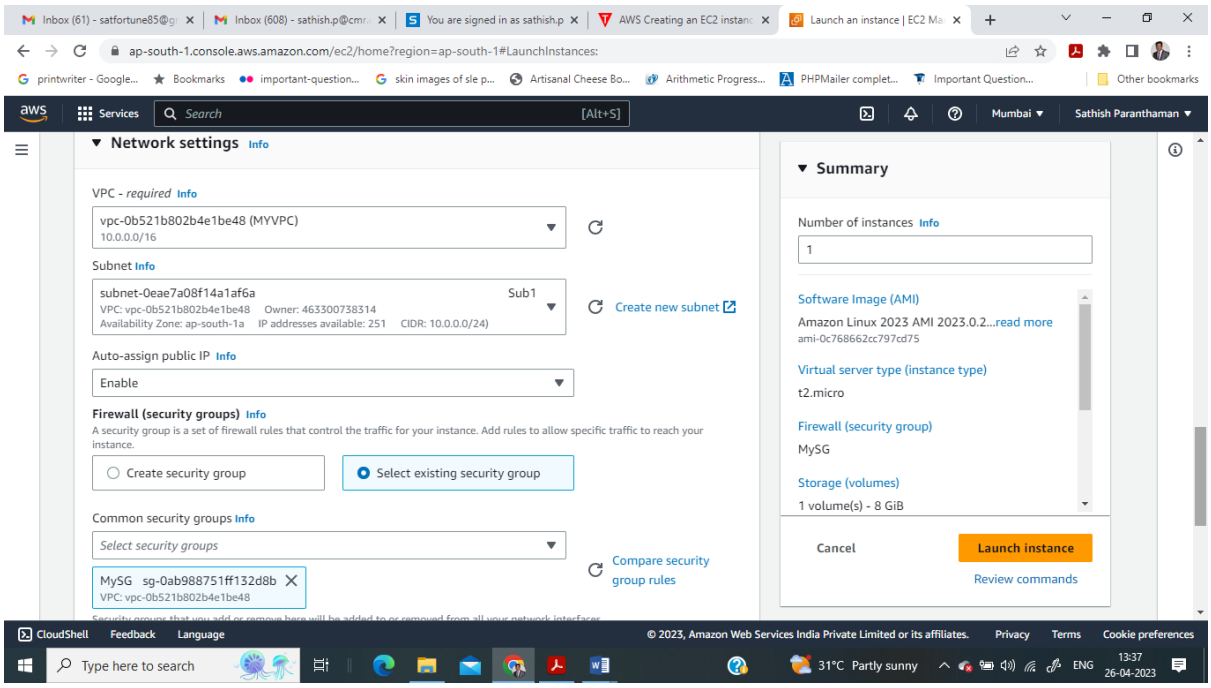
Step 7: Network settings

Click on edit button to edit the network details as follows

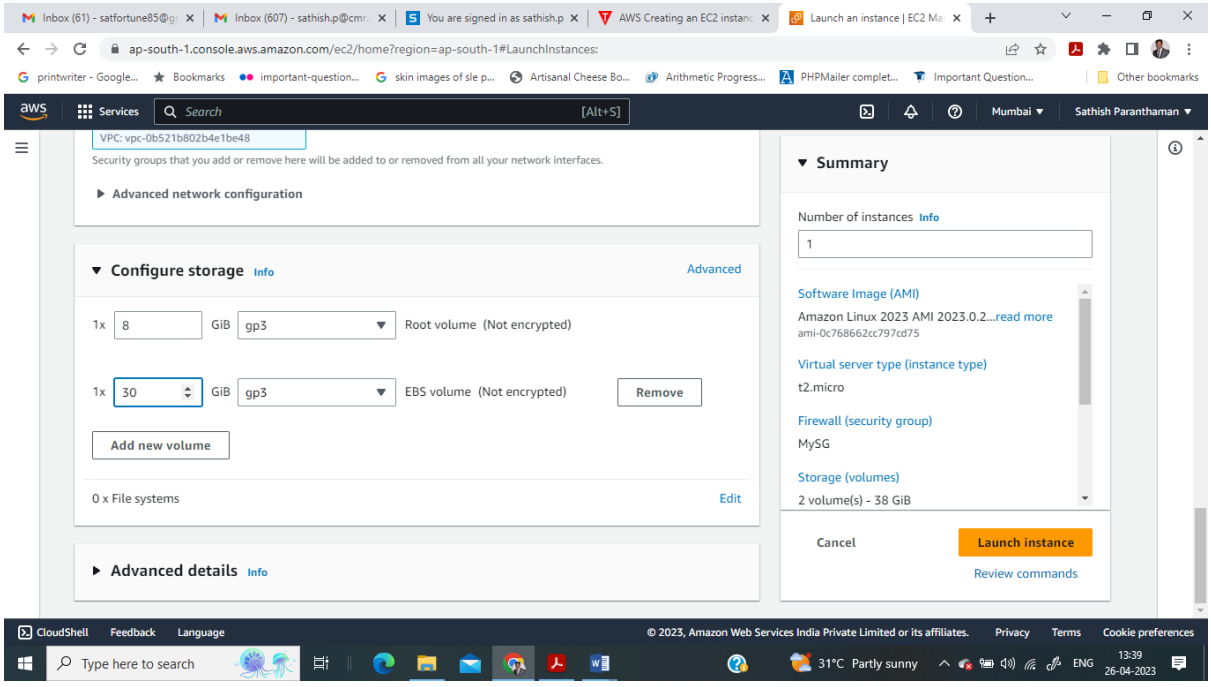
Select the custom VPC which was created

Select the appropriate subnet

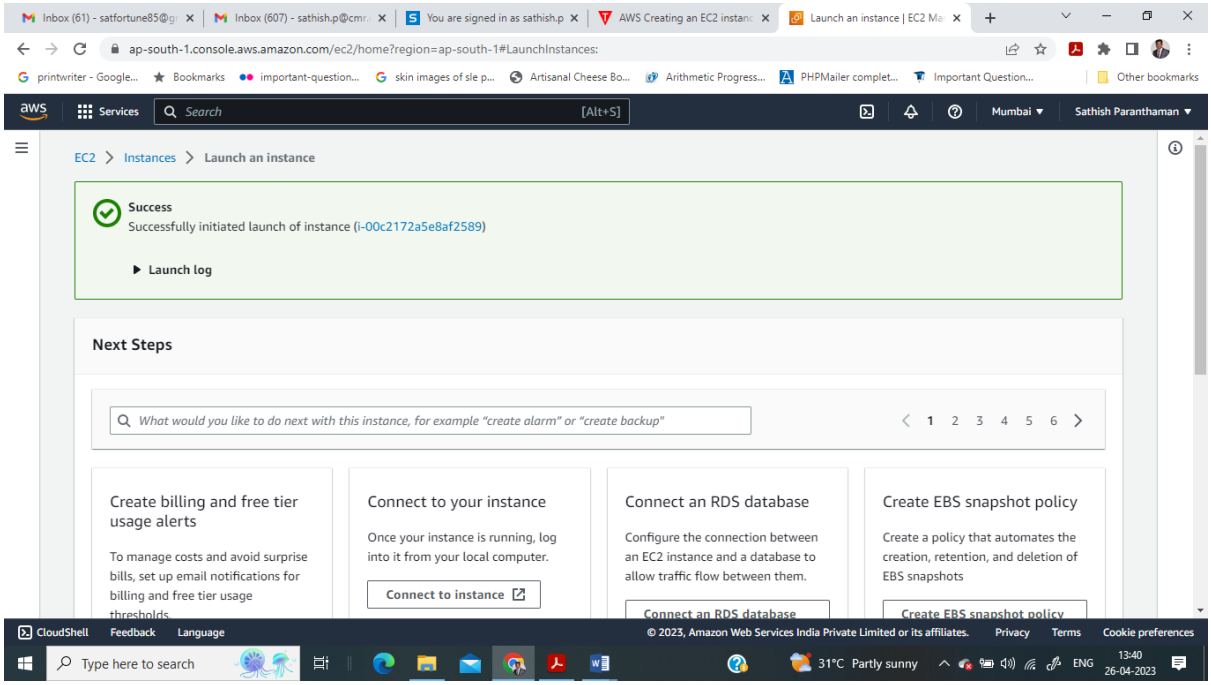
Select the security group which was assigned to VPC



Step 8: Add required elastic block storages(EBS) under Configure storage section. Click on Launch Instance

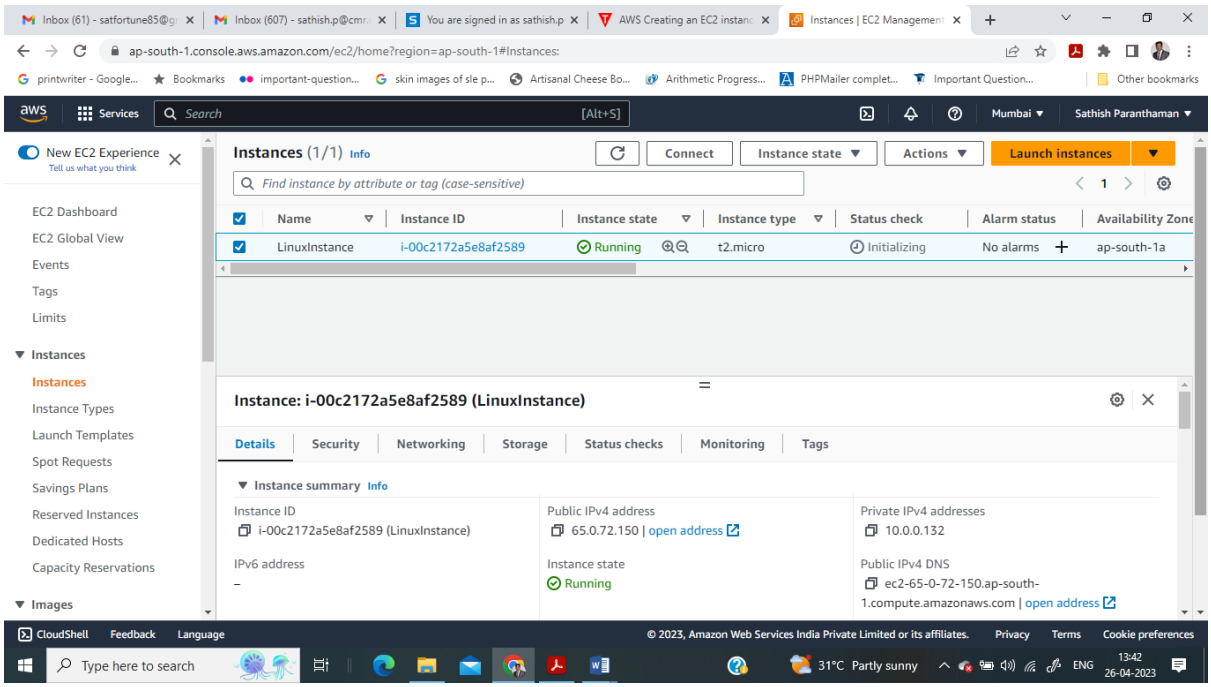


Step 9: Now instance has been created successfully

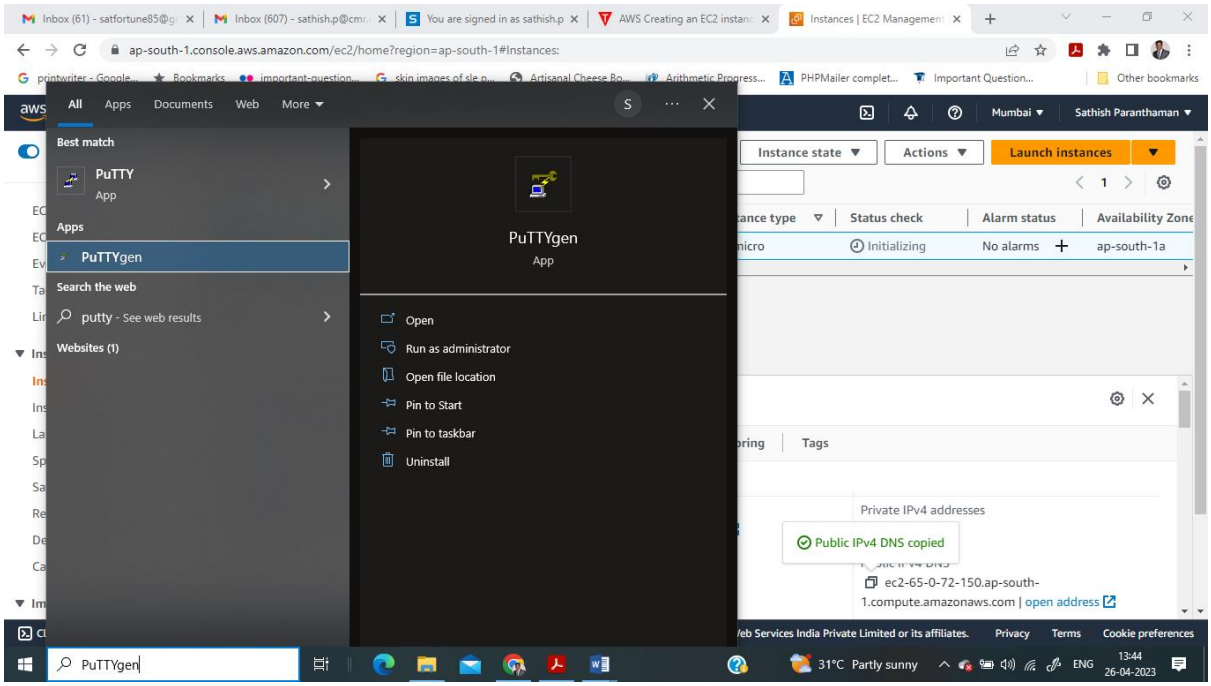


Step 10: Click on instances to view active instances.

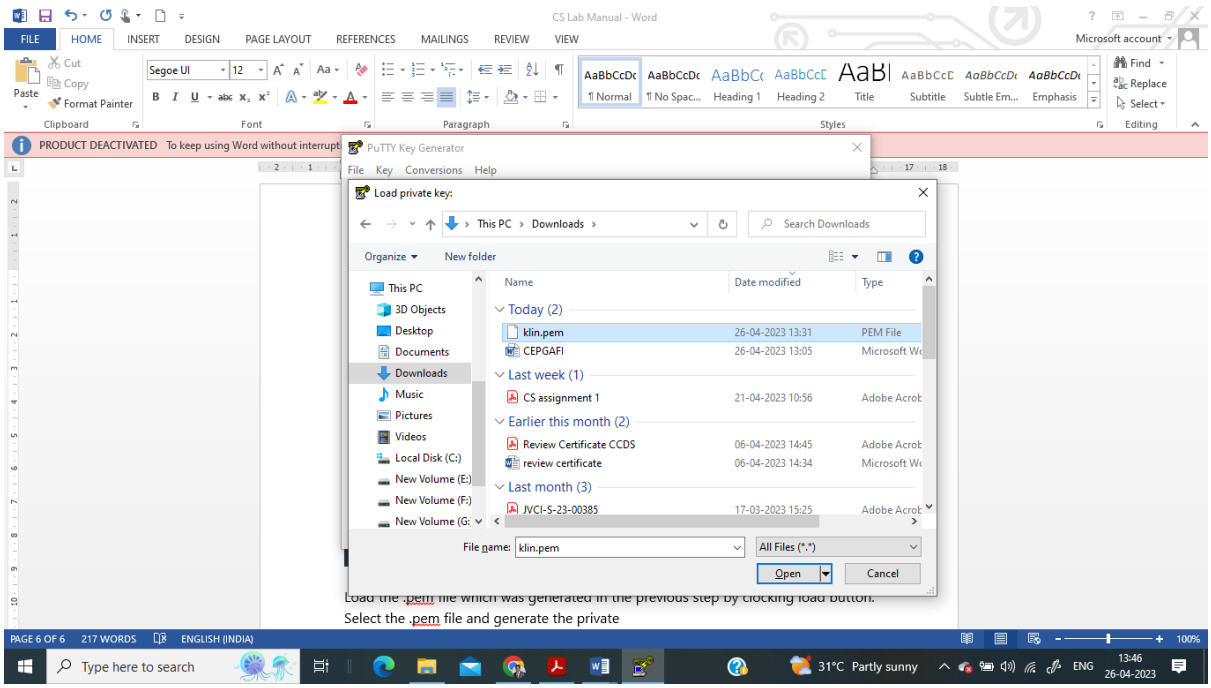
Select the instance created previously and copy the public IPv4 DNS



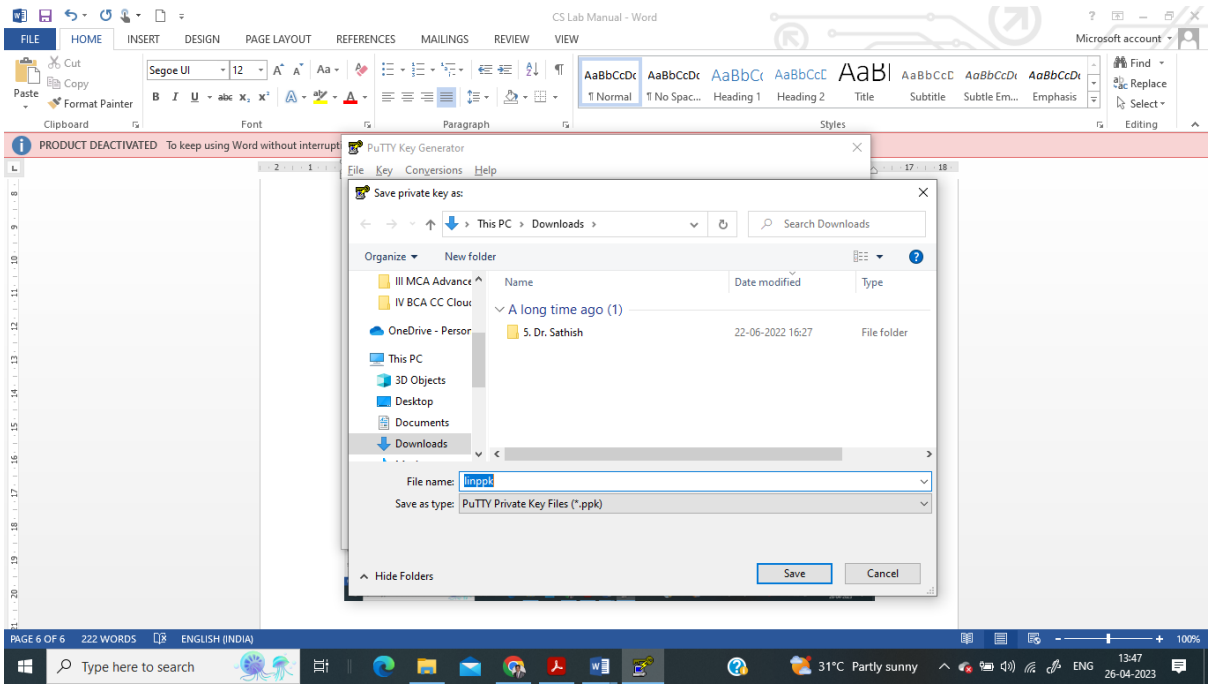
Step 11: Start puttygen from local computer to convert .pem file to .ppk file as follows



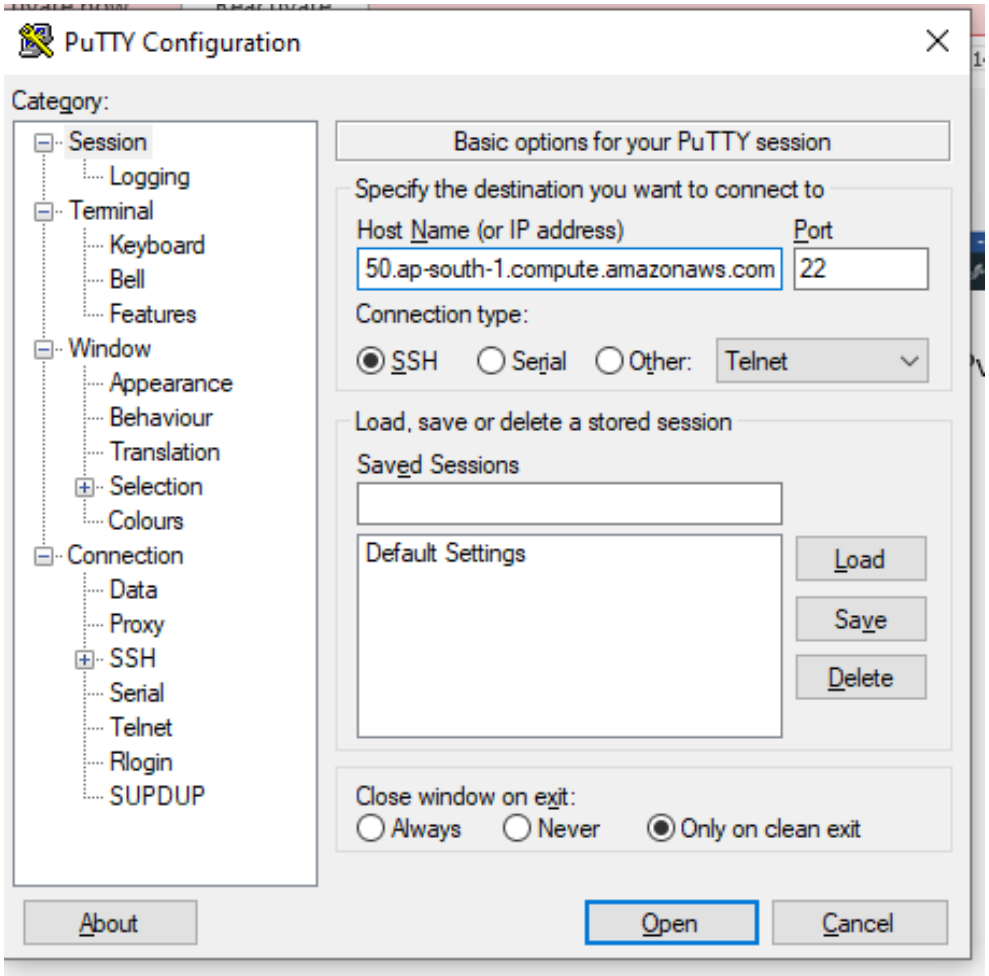
Step 12: Load the .pem file which was generated in the previous step by clocking load button. Select the .pem file and generate .ppk file by clicking save private key



Step 13: Click on save button to save .ppk file in local computer as follows. Now .ppk file created.



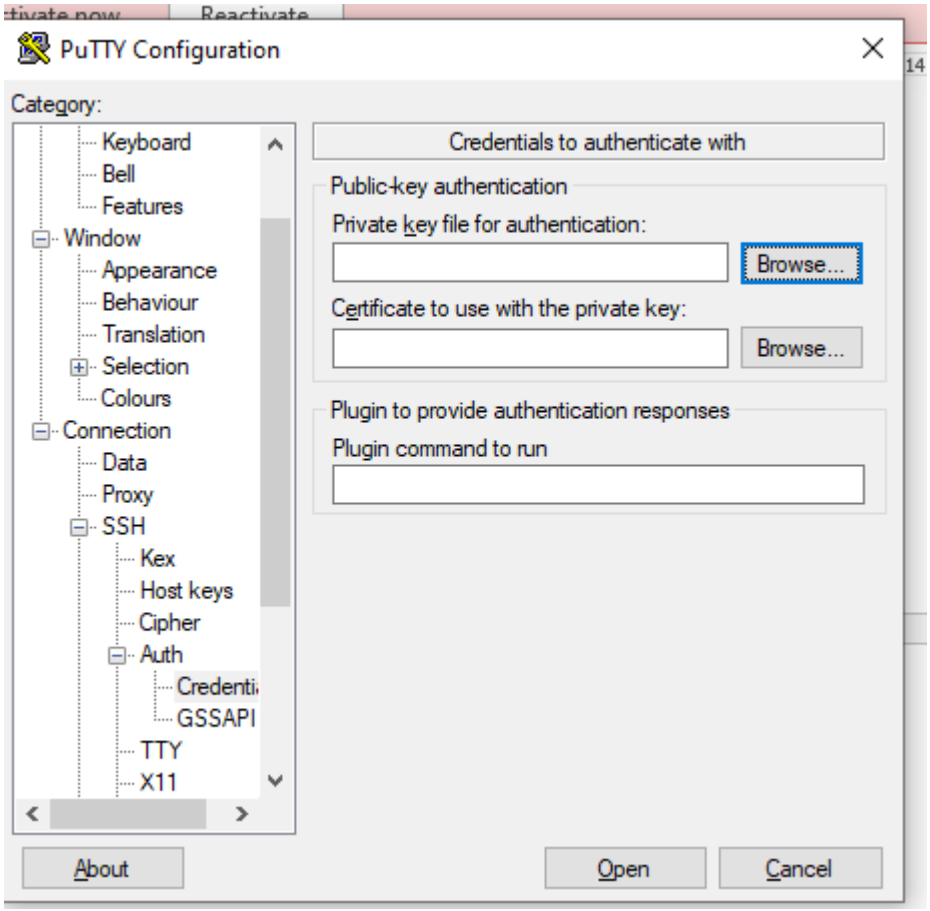
Step 14: Launch PuTTY software from the computer and paste the public DNS IPv4 address copied from the instance as follows

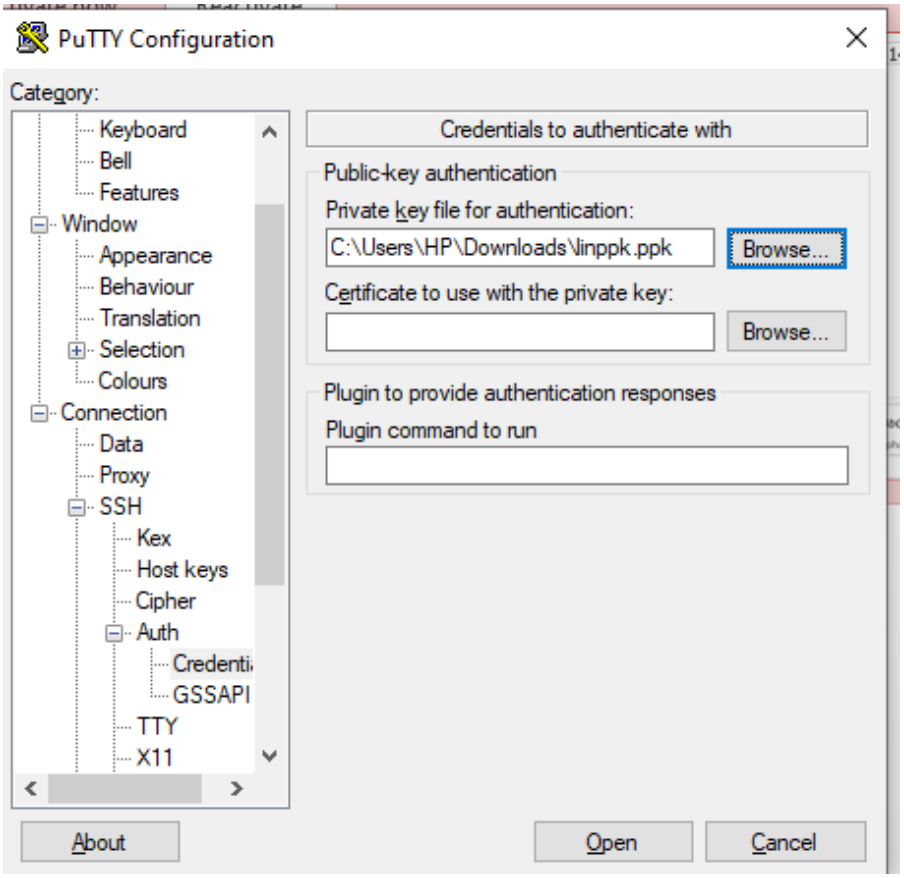


Step 15: Follow the steps under connection, Expand as follows

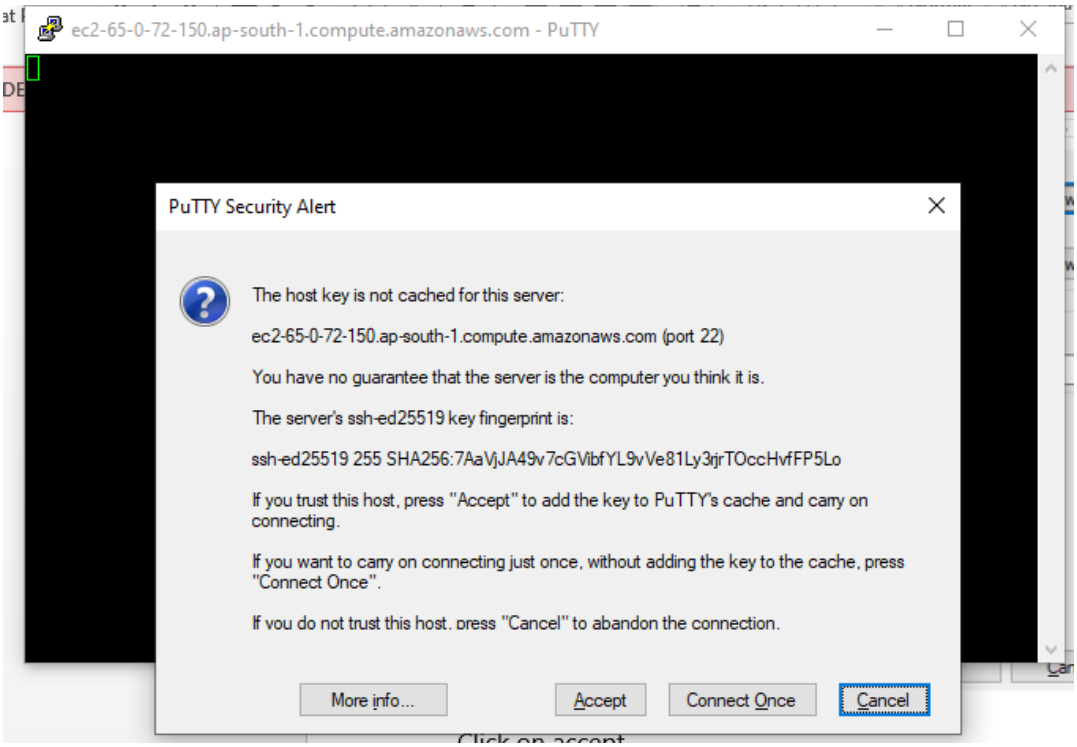
Connection -> SSH->Auth->Credentials

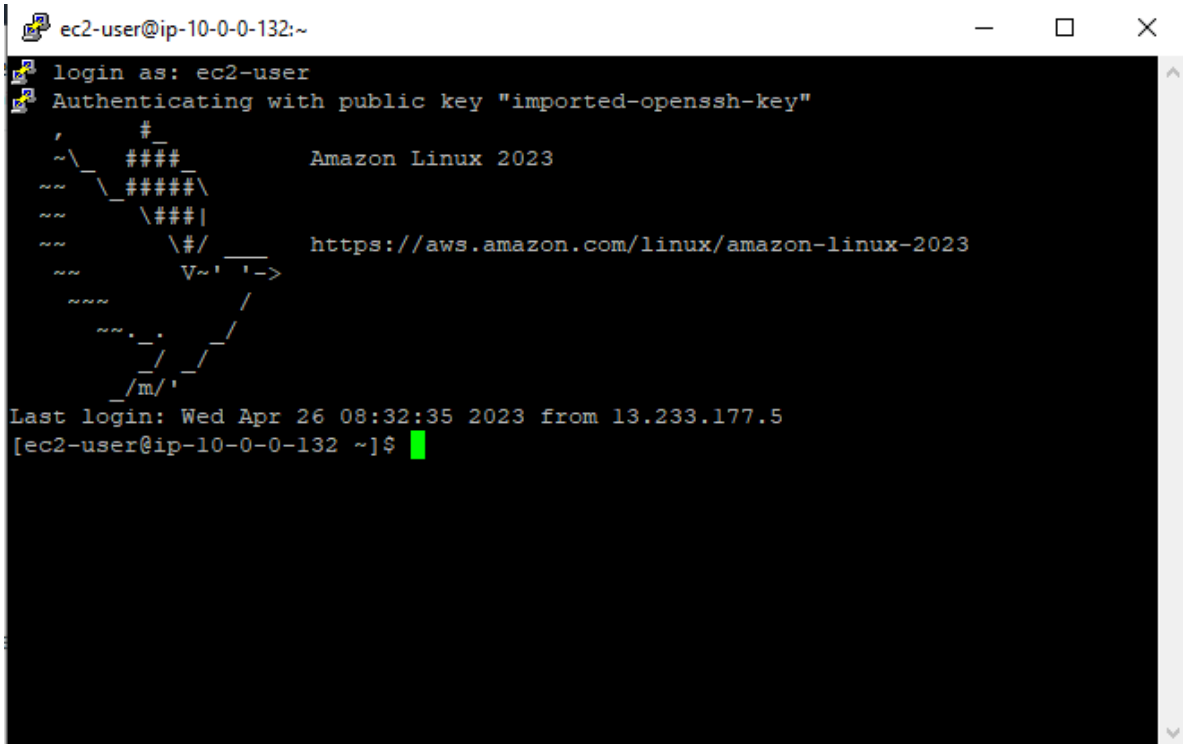
Browse for the .ppk file under private key file for authentication and click open.





Step 16: Click on accept and enter the login name **ec2-user**





Linux instance is created and launched successfully.

Create a Windows based EC2 Instance