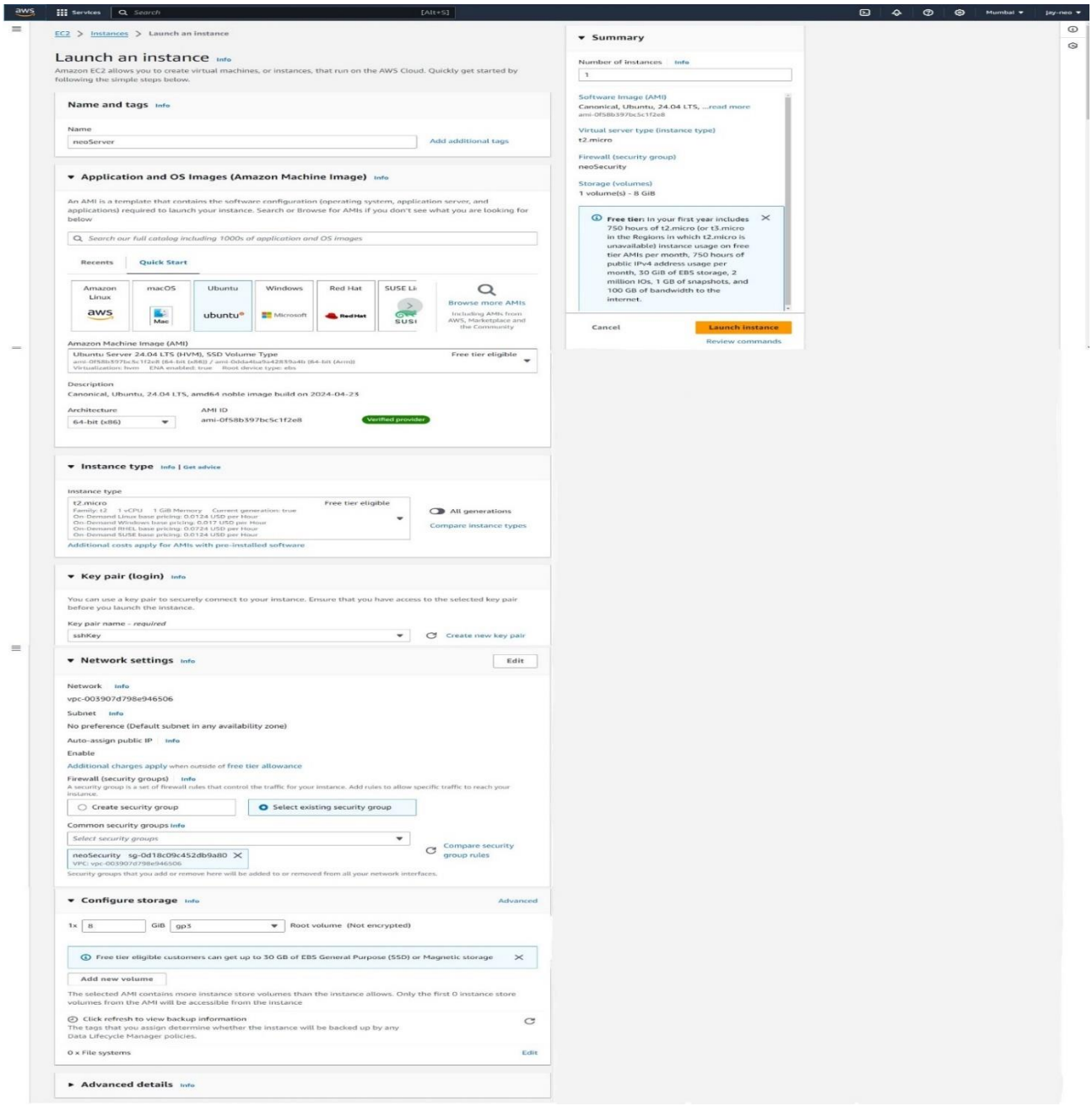
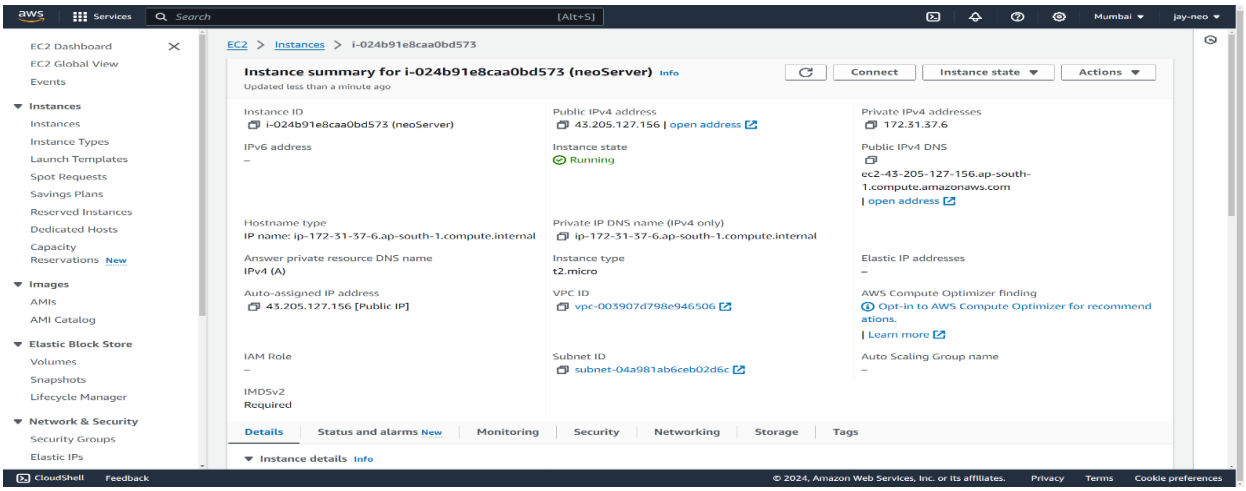
Assignment: 14

Problem Statement: Create an Elastic IP for an Instance.

Procedure:

Step 1: Write First create an EC2 instance.



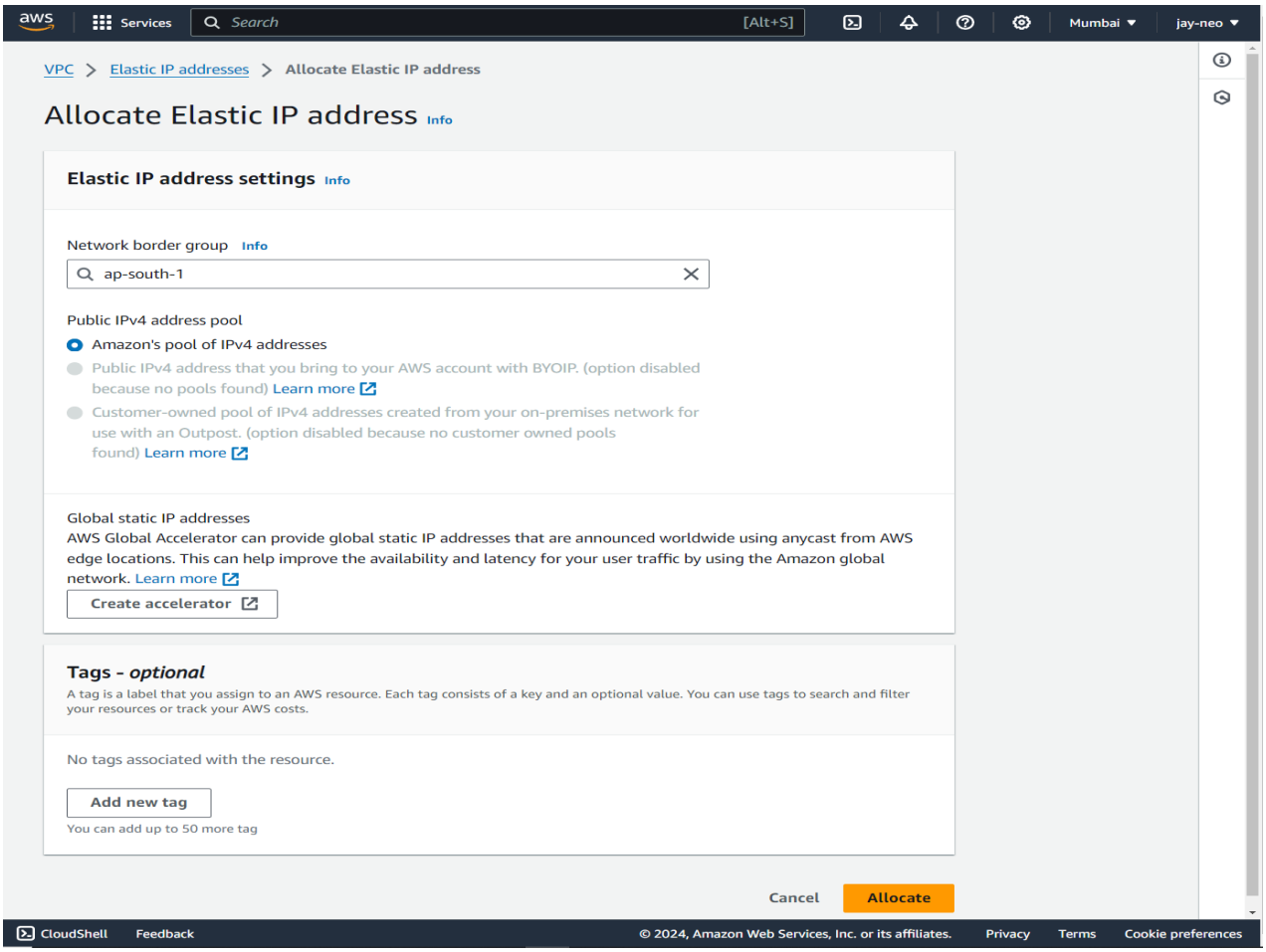


Step 2: Note down the public and private IPv4 address of the created instance.

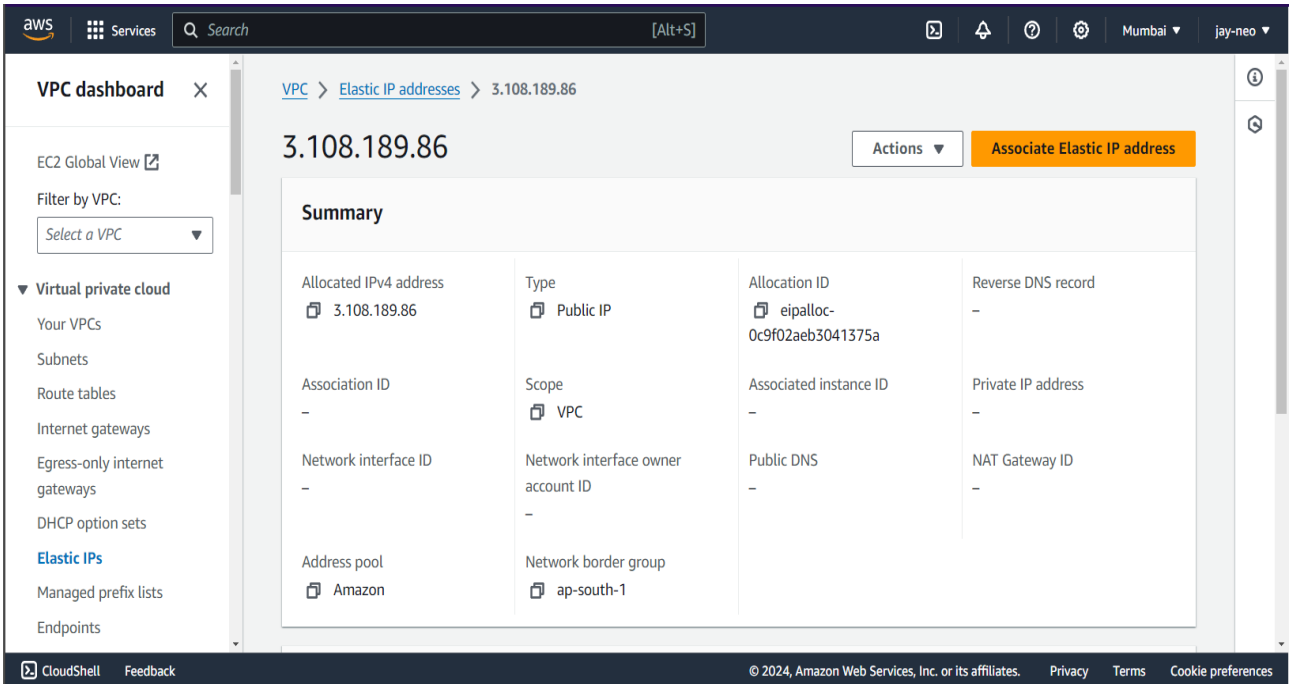
Public IPv4: 43.205.127.156

Private IPv4: 172.31.37.6

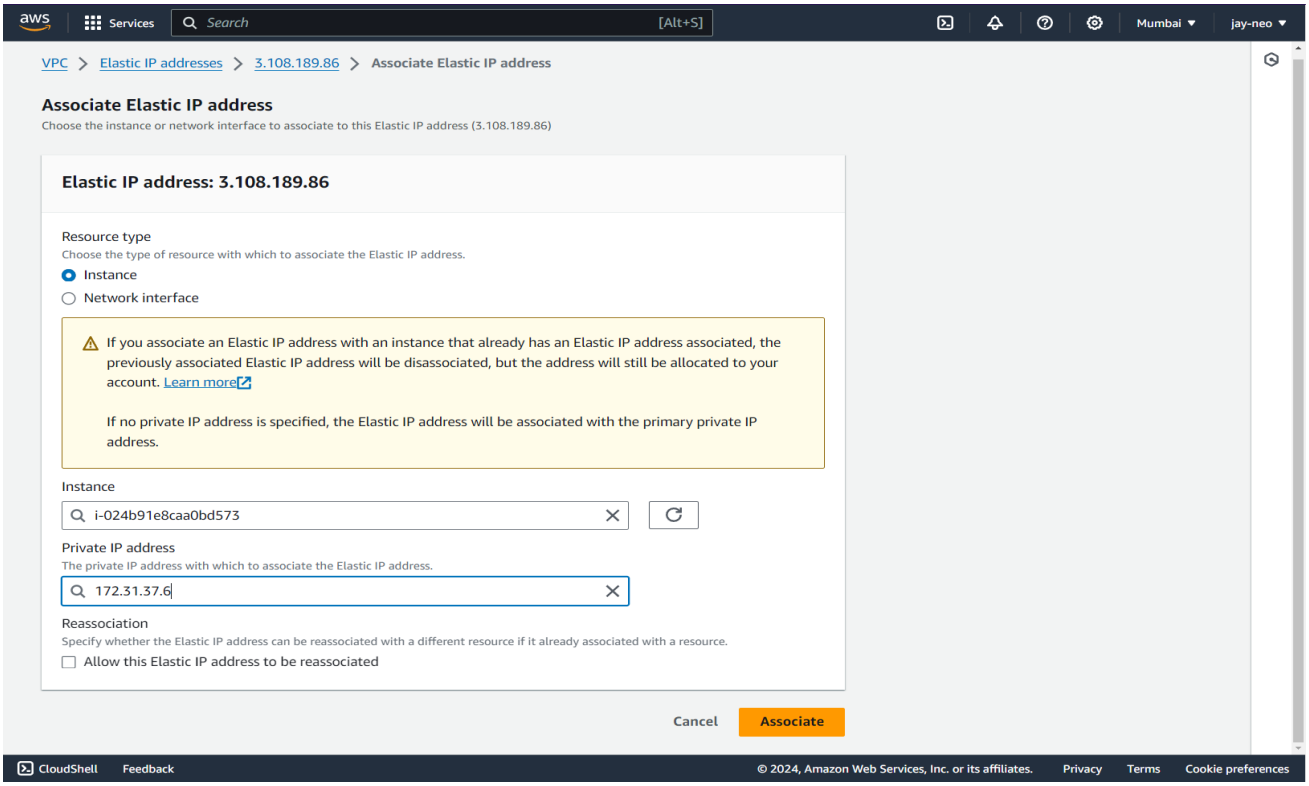
Step 3: To allocate Elastic IP Go to EC2 Dashboard, choose Elastic IPs and select Allocate Elastic IP address. Leave the settings as it is and click on Allocate. Elastic IP is allocated successfully.



Step 4: Click on the IP address and select Associate Elastic IP address.



Step 5: Choose the Instance (Resource type: Instance), Private IP address, select the checkbox and click on Associate.



Step 6: Now go to EC2 Dashboard and again stop and start the instance. The allocated Elastic IP becomes the public IPv4 address which becomes constant for our instance. It does not change with repeated start and stop of the instance.

Public IPv4: 3.108.189.86
Private IPv4: 172.31.37.6