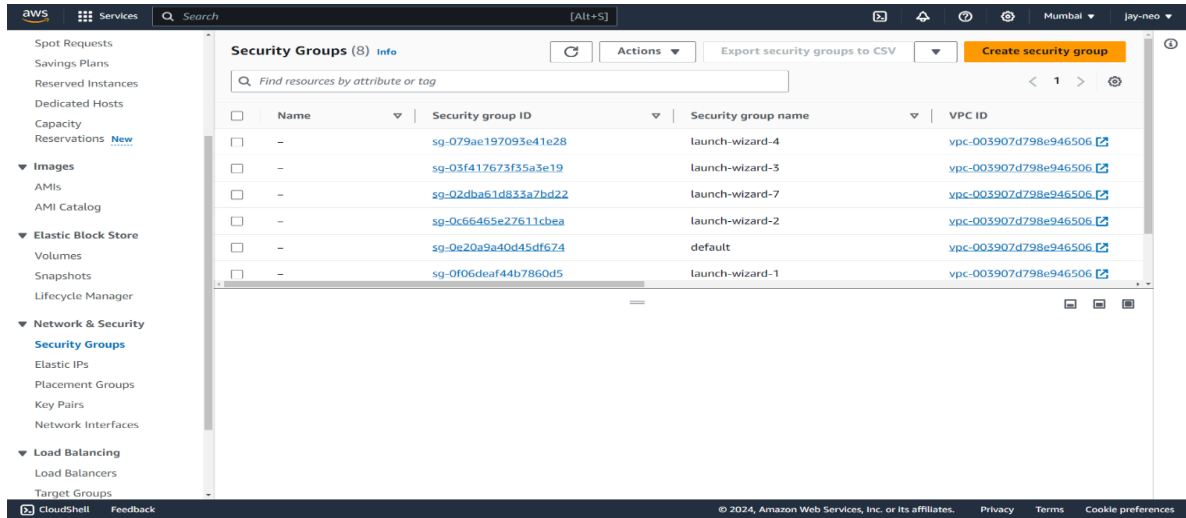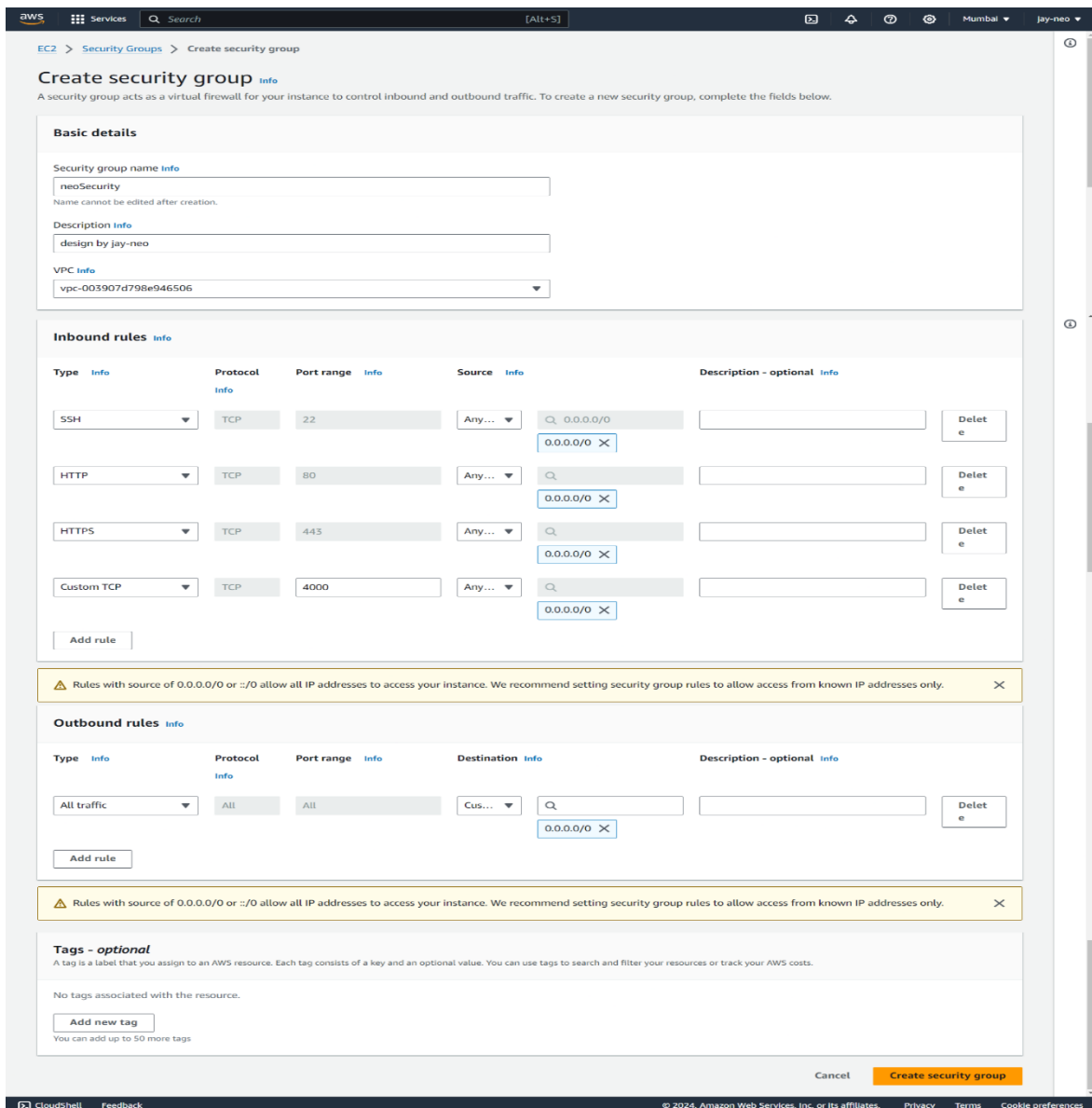# Assignment: 10

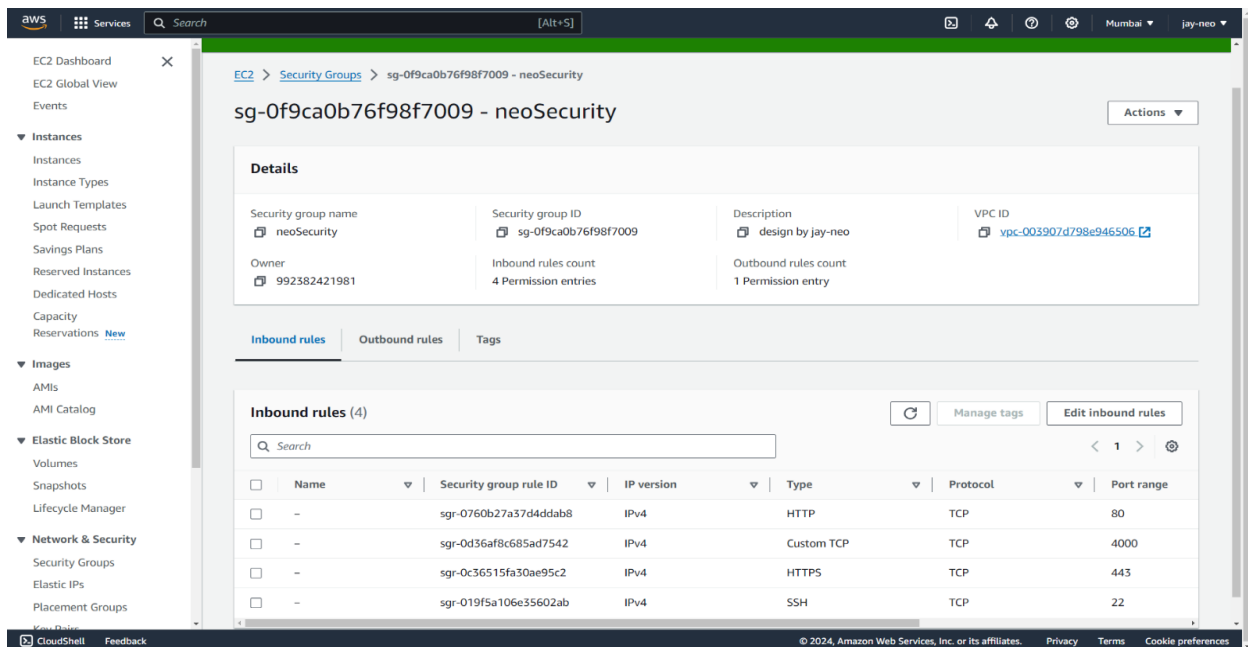**Problem Statement:** Deploy a project from GitHub to EC2 by creating new Security Group and user data

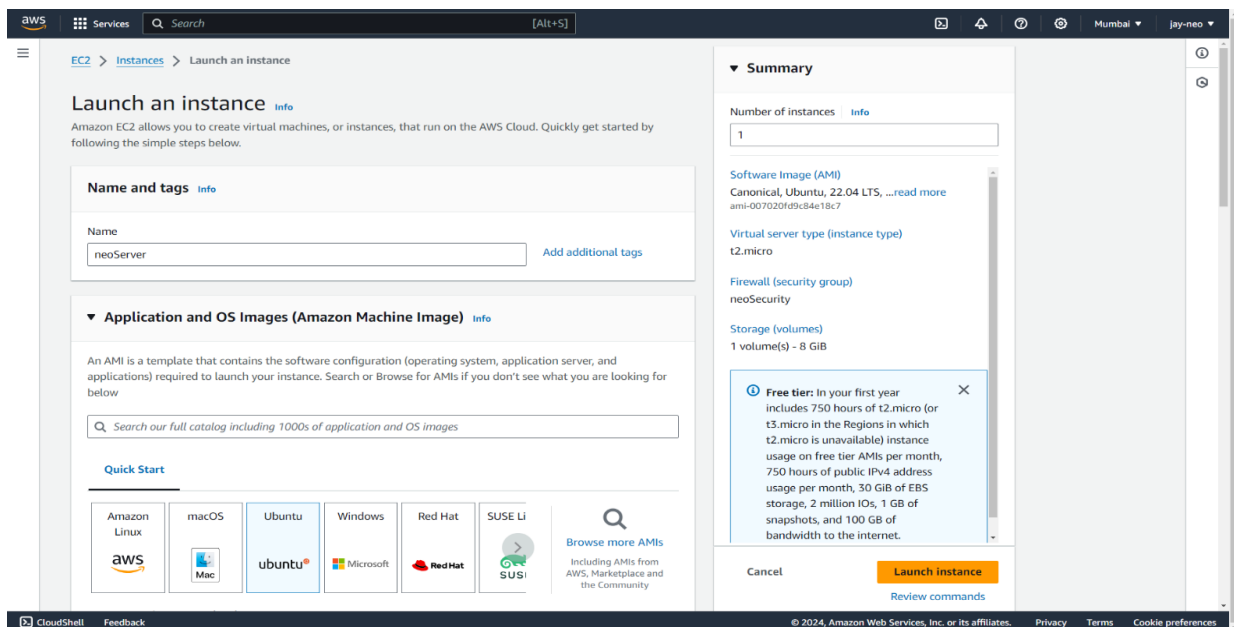**Procedure: Step 1:** Select Security Groups

Step 2: Create a new Security Group with setting inbounded rules HTTP, HTTPS, SSH and Custom TCP Port 4000
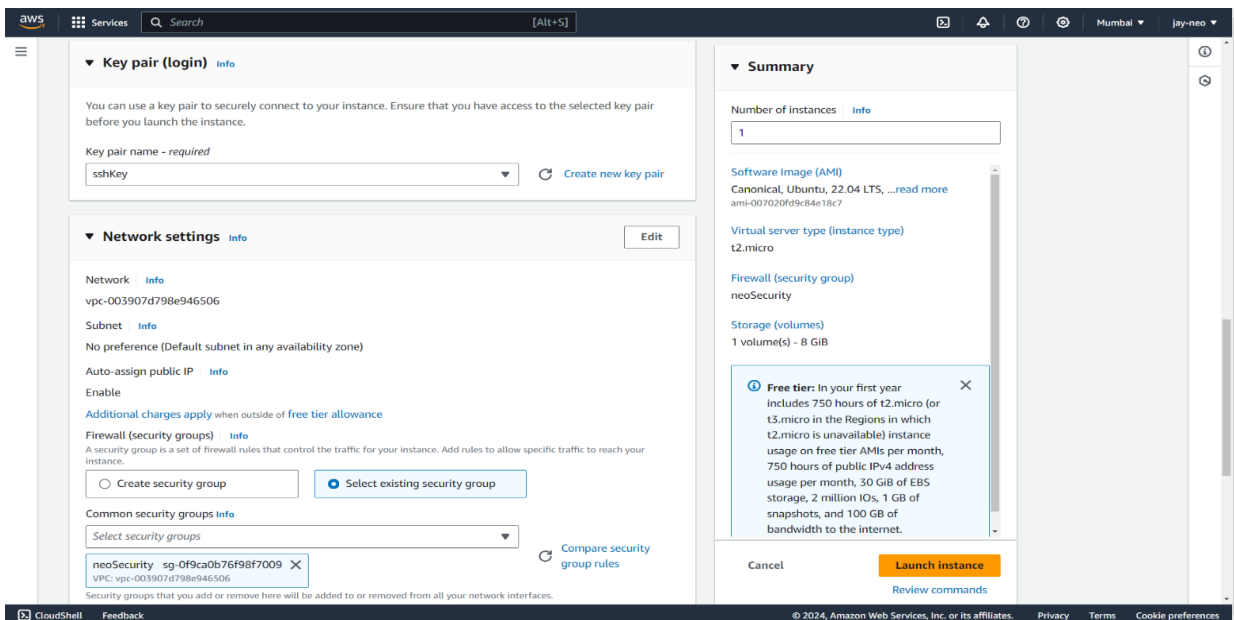
Step 3: After creating a new Security Group, launch a new EC2 instance.


- Select the existing security group and choose the group created before in Network Setting.

- In last of Advance Setting open Editor option and paste the following bash code

```bash
#!/bin/bash
apt-get update
apt-get install -y nginx
systemctl start nginx
systemctl enable nginx
apt-get install -y git
curl -SL https://deb.nodesource.com/setup_16.x|sudo -E bash -
apt-get install -y nodejs
git clone http://github.com/jay-neo/IT-Workshop-AWS-10.git
cd IT-Workshop-AWS-10
npm install
node index.js
```
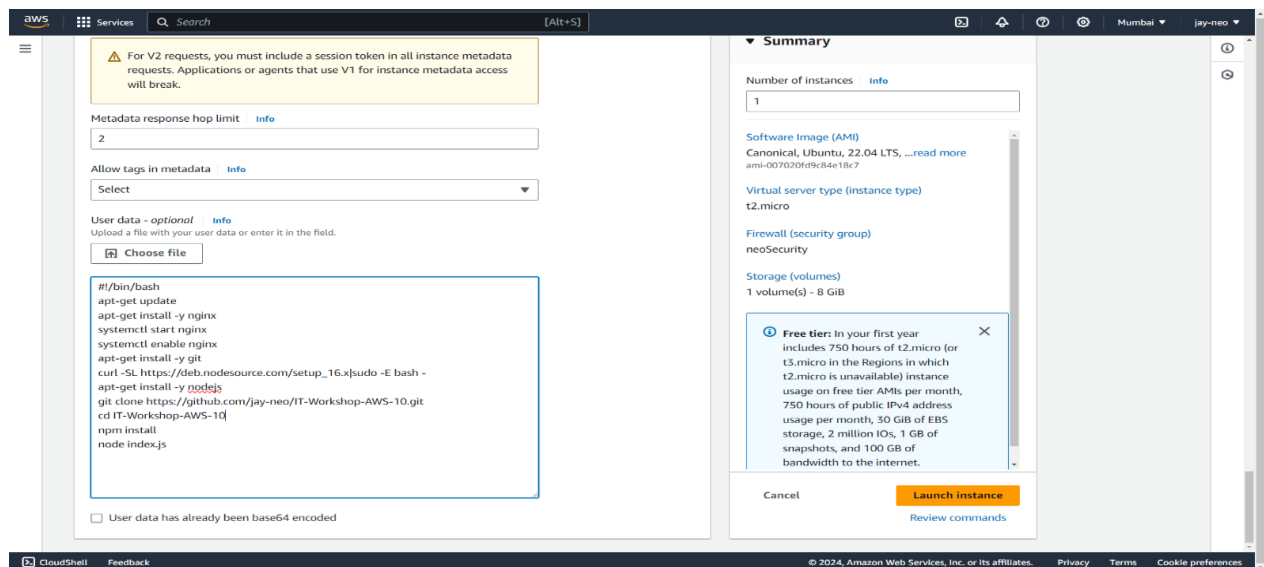

- Finally, Lauch instance
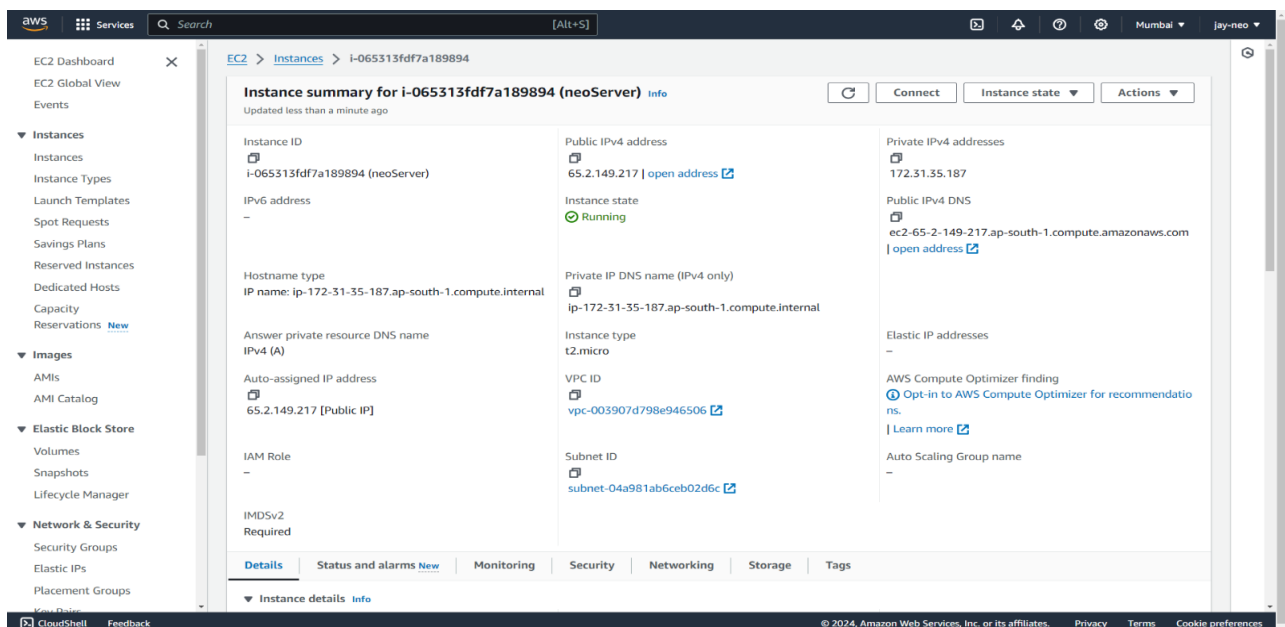
Step 4: After the launch instance go to Public IP of instance with port number 4000