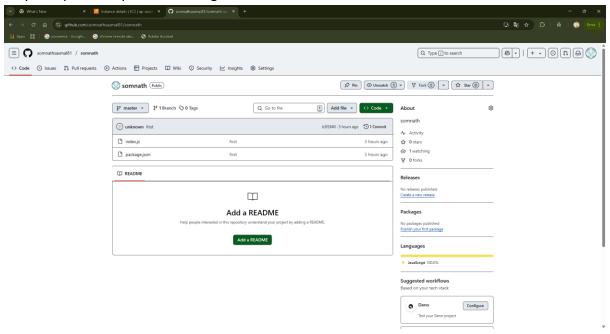
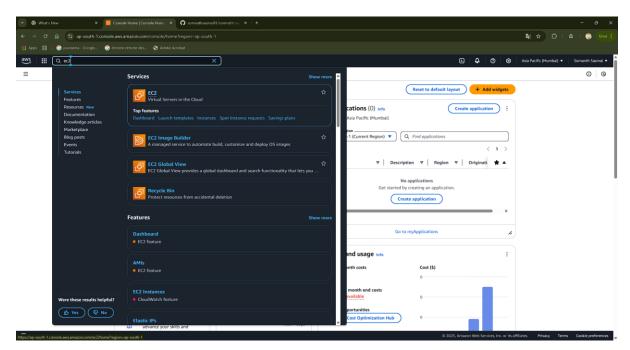
Title: Deploy a project from GitHub to EC2 by creating a new security group and user data.

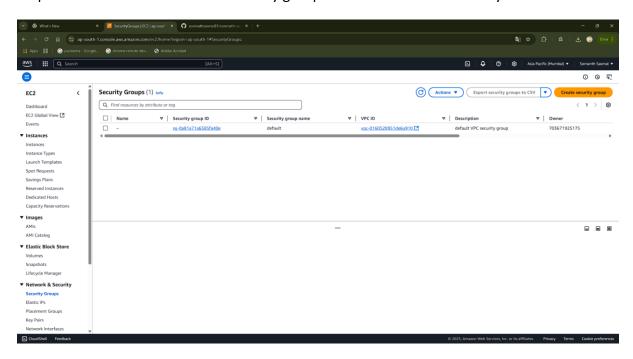
Step 1: Upload required files to github



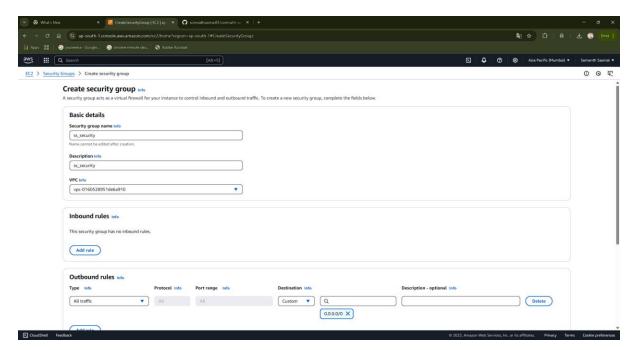
Step 2: Log into AWS and open EC2

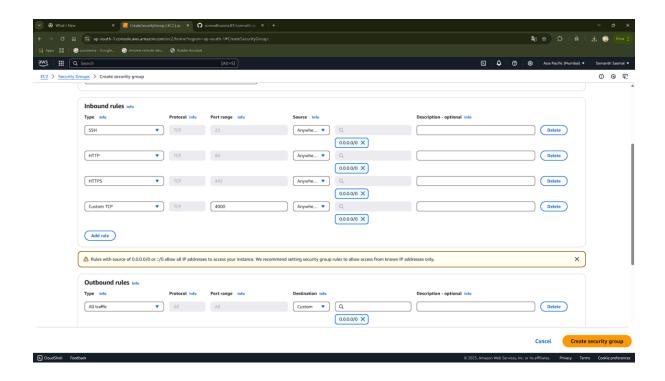


Step 3: then in the left side click security groups uder network and security

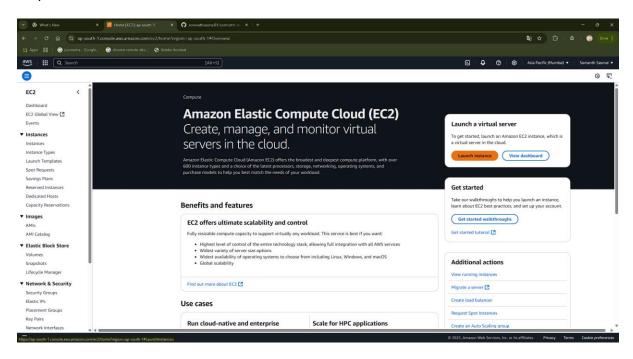


Step 4: then create security groups and add inbound rules

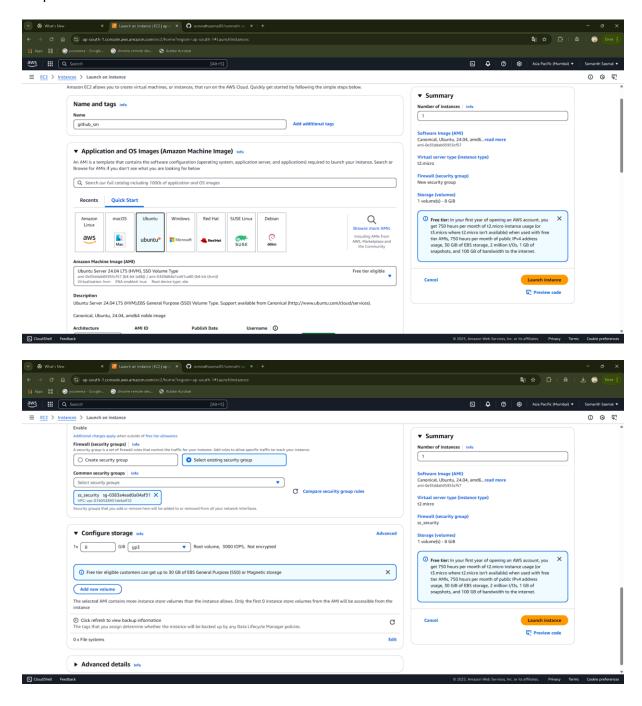




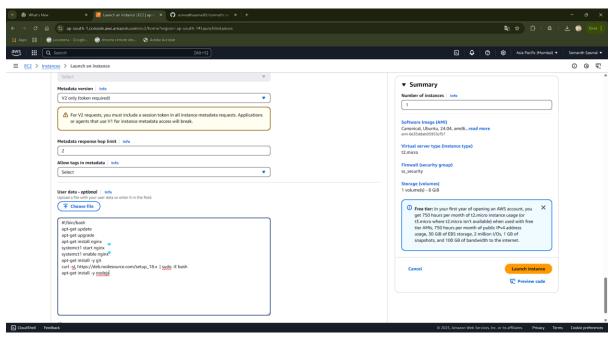
Step 3: then launch instance



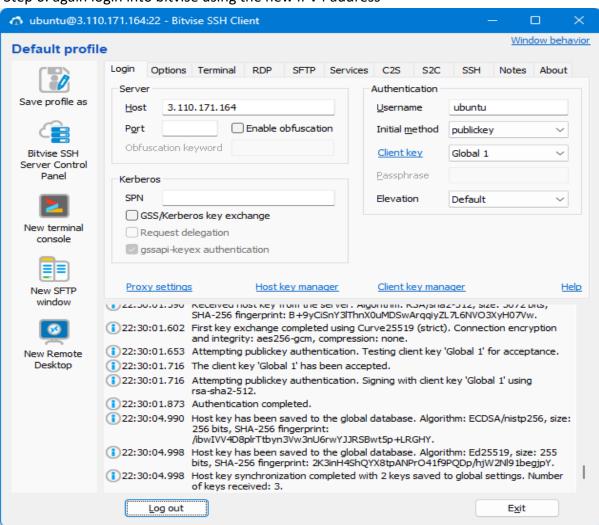
Step 4: then edit instances and click on the advance details



Step 5: then write the code in advance setting and launch instance



Step 6: again login into bitvise using the new IPV4 address



Step 7: After then open a new terminal window and clone the git repository using command git clone link of the repository and install npm

```
½ 💠 ubuntu@3.110.171.164:22 - Bitvise xterm - ubuntu@ip-172-31-12-218: ~/somnath
ubuntu@ip-172-31-12-218:~$ git clone https://github.com/somnathsasmal81/somnath.git
Cloning into 'somnath'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 4 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.
ubuntu@ip-172-31-12-218:~$ cd somnath/
ubuntu@ip-172-31-12-218:~/somnath$
🗷 🌣 🕂 ubuntu@3.110.171.164:22 - Bitvise xterm - ubuntu@ip-172-31-12-218: ~/somnath
ubuntu@ip-172-31-12-218:~/somnath$ npm install
added 227 packages, and audited 228 packages in 14s
25 packages are looking for funding
 run `npm fund` for details
found 0 vulnerabilities
npm notice New major version of npm available! 10.8.2 -> 11.2.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.2.0
npm notice To update run: <u>npm install -g npm@11.2.0</u>
npm notice
ubuntu@ip-172-31-12-218:~/somnath$
```

Step 8: then start the server using the command

Step 8: Now copy the IPv4 address of the instance and paste it and the put the port like this IP address:Port here IP address:4000

