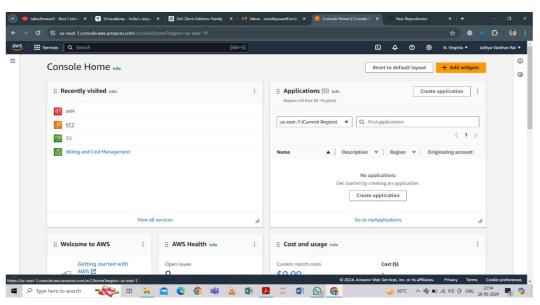
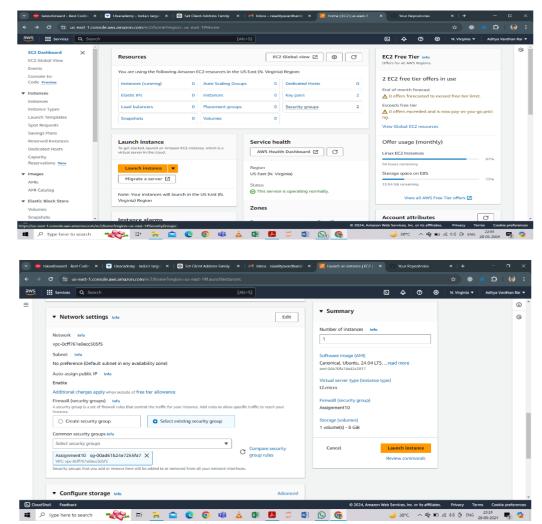
ASSIGNMENT-12

PROBLEM STATEMENT: Deploy and run the project in AWS without using the port

1. Go to the EC2 Dashboard.



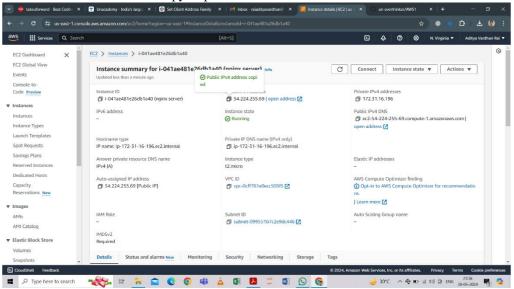
2. Click on Launch instance.



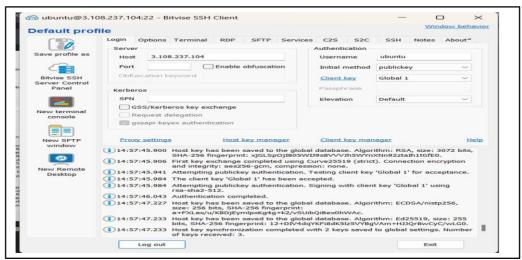
3. Instance is created successfully.



4. Click on the instance ID and copy its public IPv4 address.



5. Paste into Bitvise SSH Client and Login.



6. Type the following commands in New STFP Terminal:

```
sudo apt-get update
sudo apt-get upgrade
sudo apt-get install nginx
nginx -v
curl -SL https://deb.nodesource.com/setup_18.x|sudo} -E bash-
sudo apt install nodejs
nodejs -v
pwd
```

```
Tables that in the continues and continues and continues and the c
```

7. Type: git clone http://github.com/sudip7407/Repo1.git

cd Repo1

npm install

node index.js

```
The property of counting outdated hypervisor (genu) bineries on this host.

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```

8. Now we copy public IPv4 address and paste it in browser. Nginx window opens – then we set port 4000 after: in that address

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9. Open another terminal. Type the following commands:

Cd /
pwd
cd /etc/nginx/site-available/
sudo nano default

```
Last login: Mon May 20 09:27:58 2024 from 103.242.196.225
ubuntu@ip-172-31-8-197:/s cd /
ubuntu@ip-172-31-8-197:/$ pwd
/
ubuntu@ip-172-31-8-197:/$ cd /etc/nginx/sites-available/
ubuntu@ip-172-31-8-197:/$ pwd
/
ubuntu@ip-172-31-8-197:/$ cd /etc/nginx/sites-available/
ubuntu@ip-172-31-8-197:/s cd /etc/nginx/sites-available/
ubuntu@ip-172-31-8-197:/etc/nginx/sites-available$ sudo nano default
```

10. Now in the nano editor go to location and paste the following code:

```
location / {
    proxy_pass http://localhost:4000;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection 'upgrade';
    proxy_set_header Host $host;
    proxy_cache_bypass $http_upgrade;
}
Now back to bash shell
Type: sudo systemctl restart nginx
Then type: node index.js
```

11. Now copy the public ipv4 address and paste in browser. It will land directly to html page.

