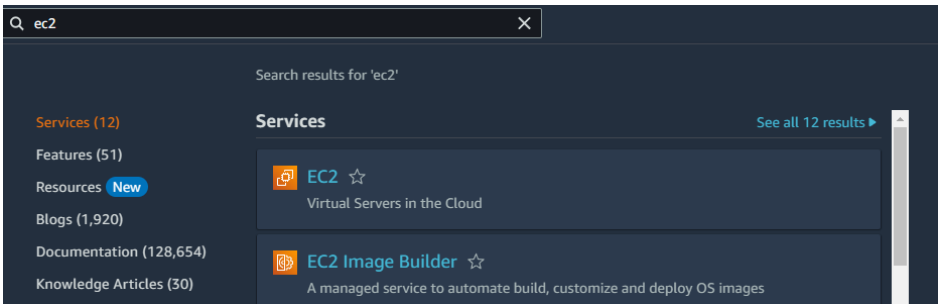
# ASSIGNMENT NO - 07

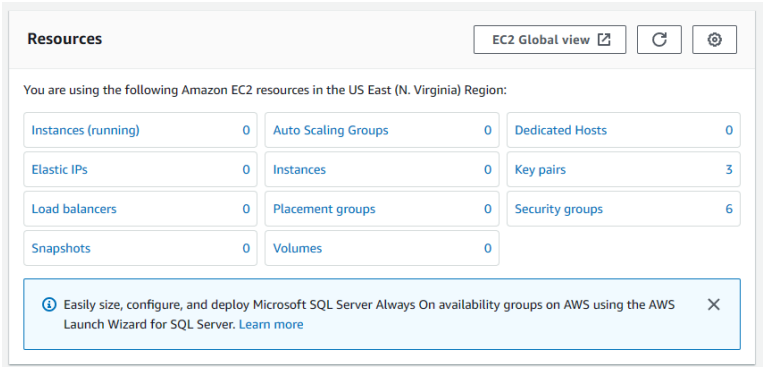
## Problem Statement: -

**Upload a Static Website in EC2 Server.**

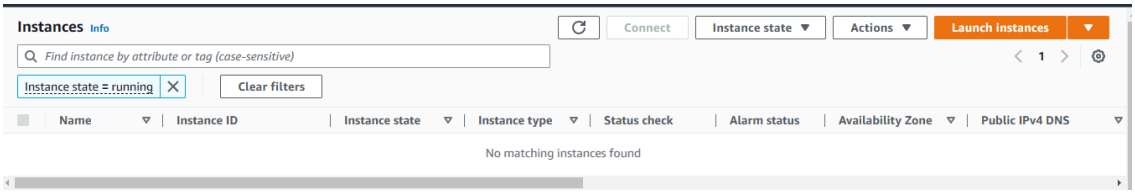
Steps: -

I. Login into AWS account then go to EC2 Dashboard by Search bar. Then click on **Instance Running** option on Resource Option.

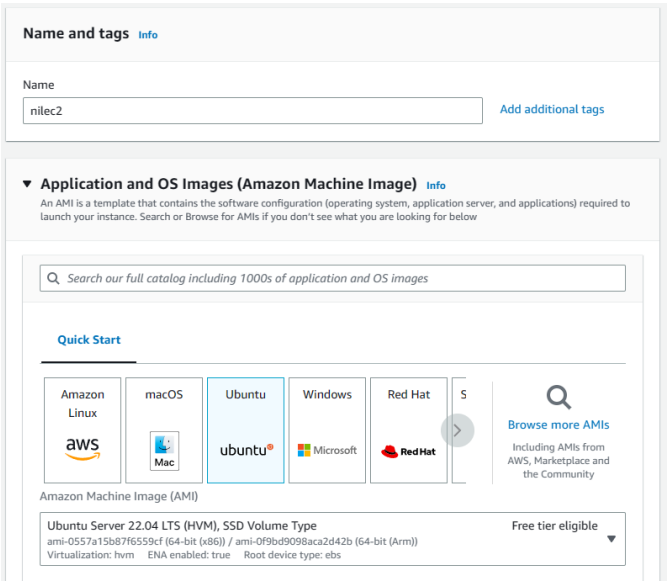



II. Click on **Launch Instance** then Do the following Task:-

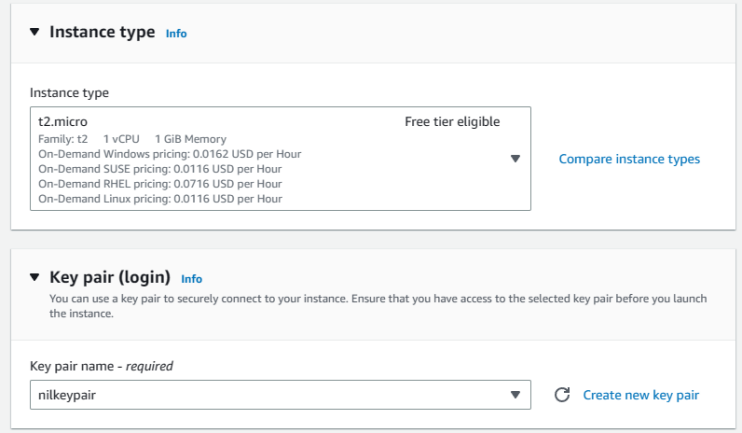



a) Give a Unique name.
b) Select **Application and OS images** as **Ubuntu**.

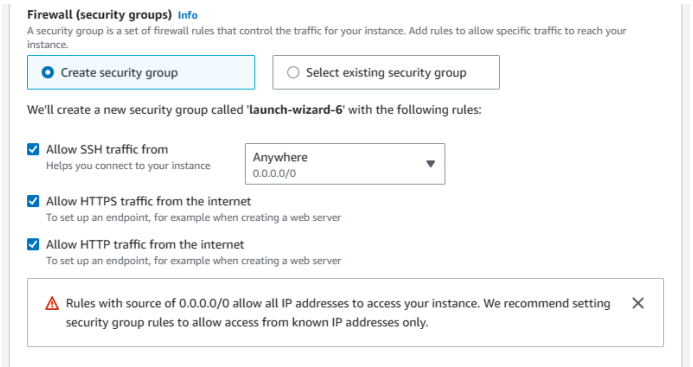



c) Check **Instance type** as **t2.micro** .

d) Add exist Key or create new key by clicking on **Create new key pair** .

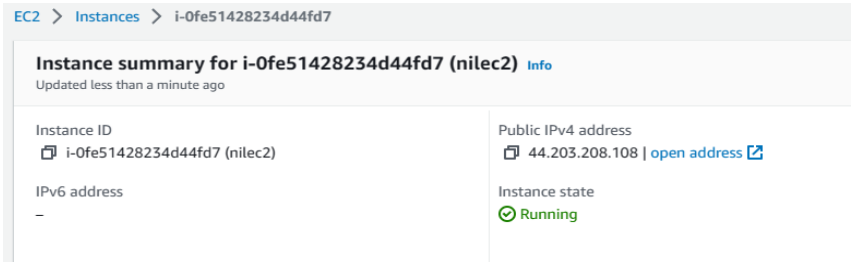



e) Click on Check box of **Allow SSH traffic from, Allow HTTPS traffic from the internet, Allow HTTP traffic from the internet**

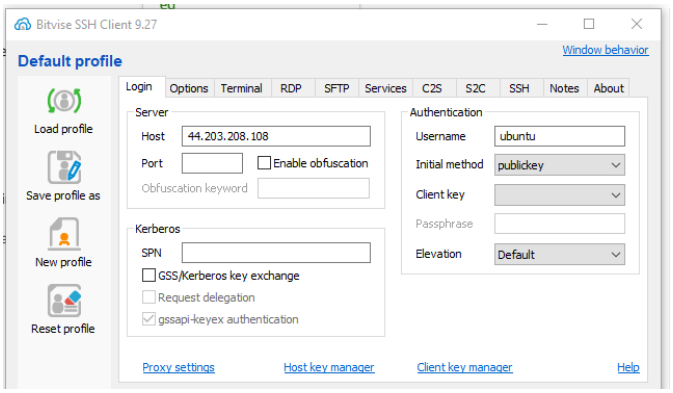



f) At last, Click on **Launch instance.**

III. Now wait untill the instance status show **Running** , then click on the instance and Copy the **Public IPv4 Address** and

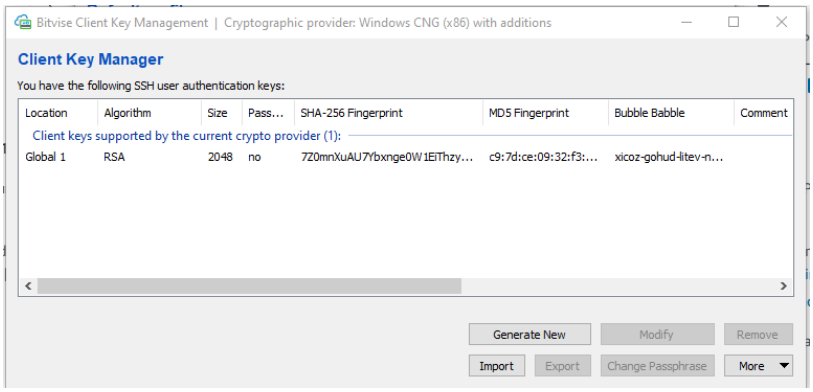



paste it in **Server Host** option in the **Bitvise SSH Client** application.




IV. Then make Username as **ubuntu**, Initial Method as **publickey** and Elevation as **Default** in Authentication option in the **Bitvise SSH Client** application.

V. Now Click on **Client Key Manager**, then Click on **Import** option to import the downloaded Keypair from the client device, then select that key in **Client Key** in Authentication option and Run the application.




VI. Then Click on the **New terminal Console** and type **sudo apt-get update && sudo apt-get upgrade** and enter.

```
ubuntu@ip-172-31-1-148:~$ sudo apt-get update && sudo apt-get upgrade
```

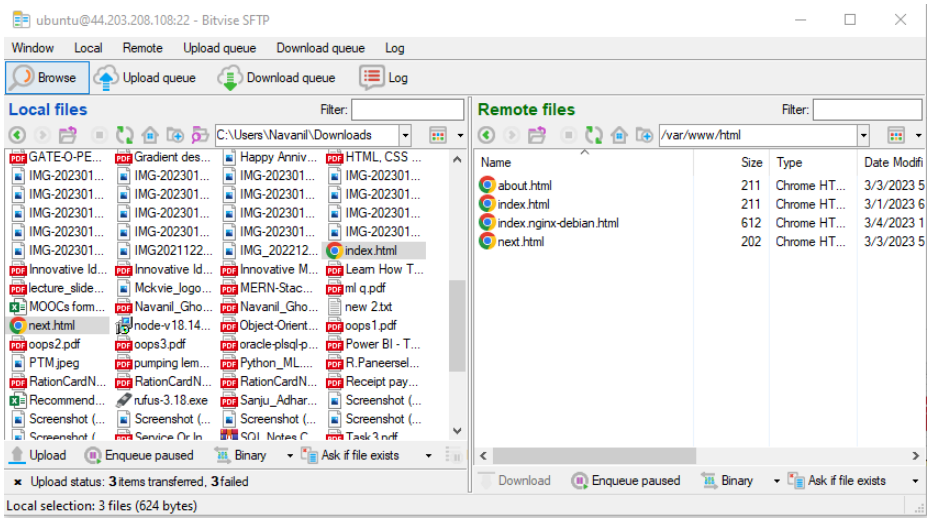
VII. Now type **sudo apt-get install nginx** and enter.

```
ubuntu@ip-172-31-1-148:~$ sudo apt-get install nginx
```

VIII. Now type **CD ** and enter, then type **cd var/www/** and type **sudo chmod 777 html** to give all permission to Html files.

```
ubuntu@ip-172-31-1-148:~$ cd /
ubuntu@ip-172-31-1-148:/$ pwd
/
ubuntu@ip-172-31-1-148:/$ cd var/www/
ubuntu@ip-172-31-1-148:/var/www$ pwd
/var/www
ubuntu@ip-172-31-1-148:/var/www$ ls
html
ubuntu@ip-172-31-1-148:/var/www$ sudo chmod 777 html
ubuntu@ip-172-31-1-148:/var/www$
```

IX. Now Click on **New SFTP window**, then click on  in **Remote files** to go back to Root then go to /var/www/html address and copy the .html files from Local files and paste on it.




x. Now paste the Public IPv4 address of Instance on the new type to see the Webpage.