Assignment 1

Hosting Website in AWS Cloud

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Section	1
Course Code	CSE 472
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Step1

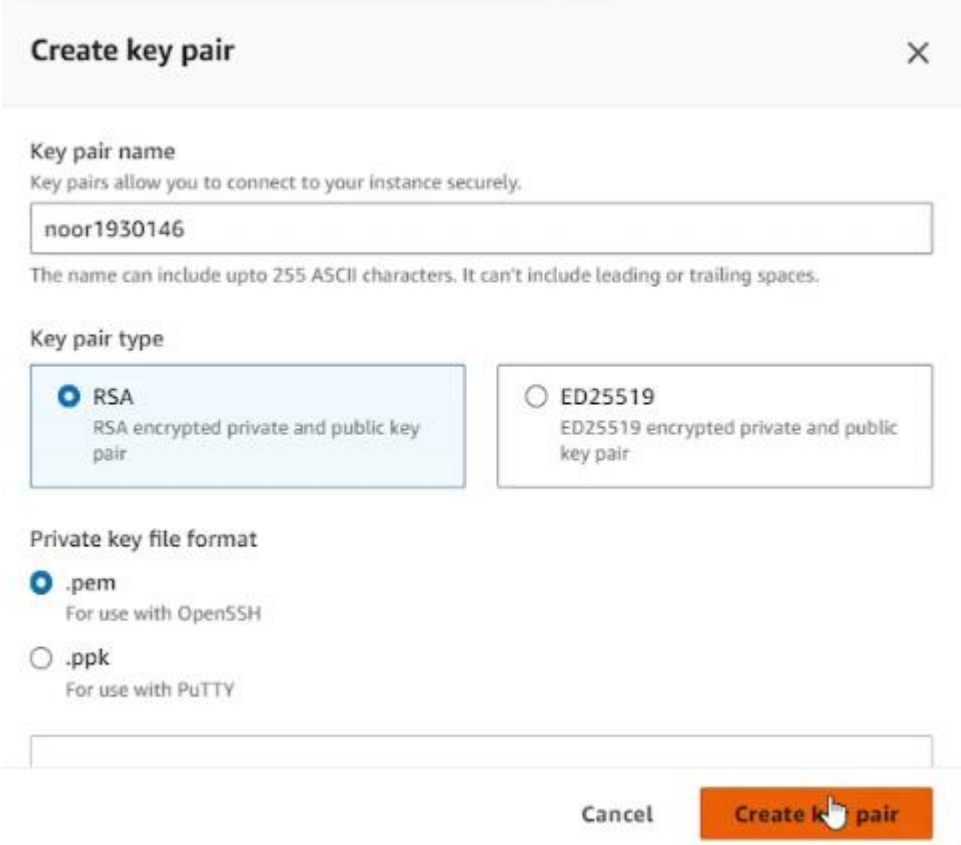
Go to EC2 Dashboard, click on instances and launch instances

Step2

Create name for a new instance

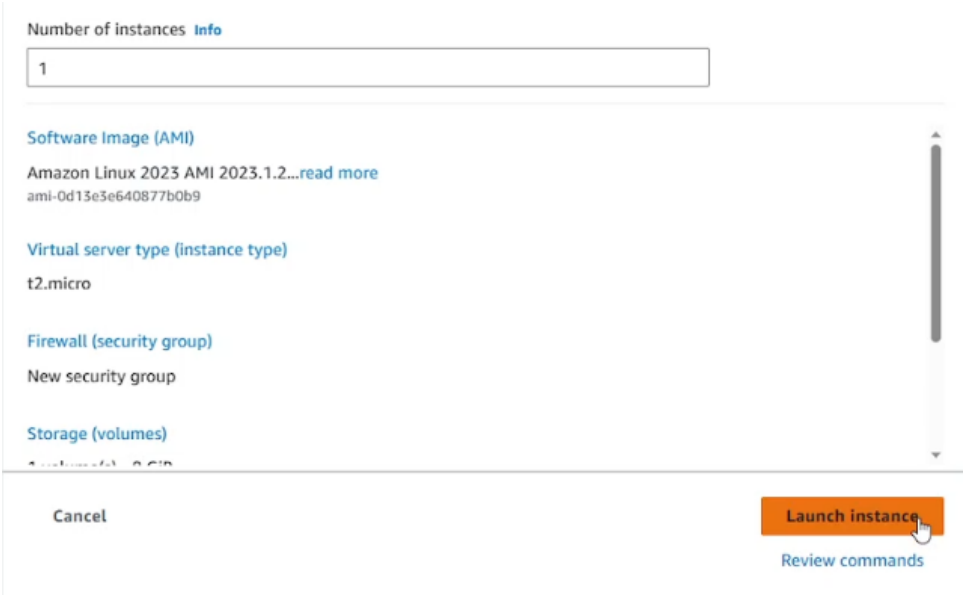
Step3

Create Key Pair



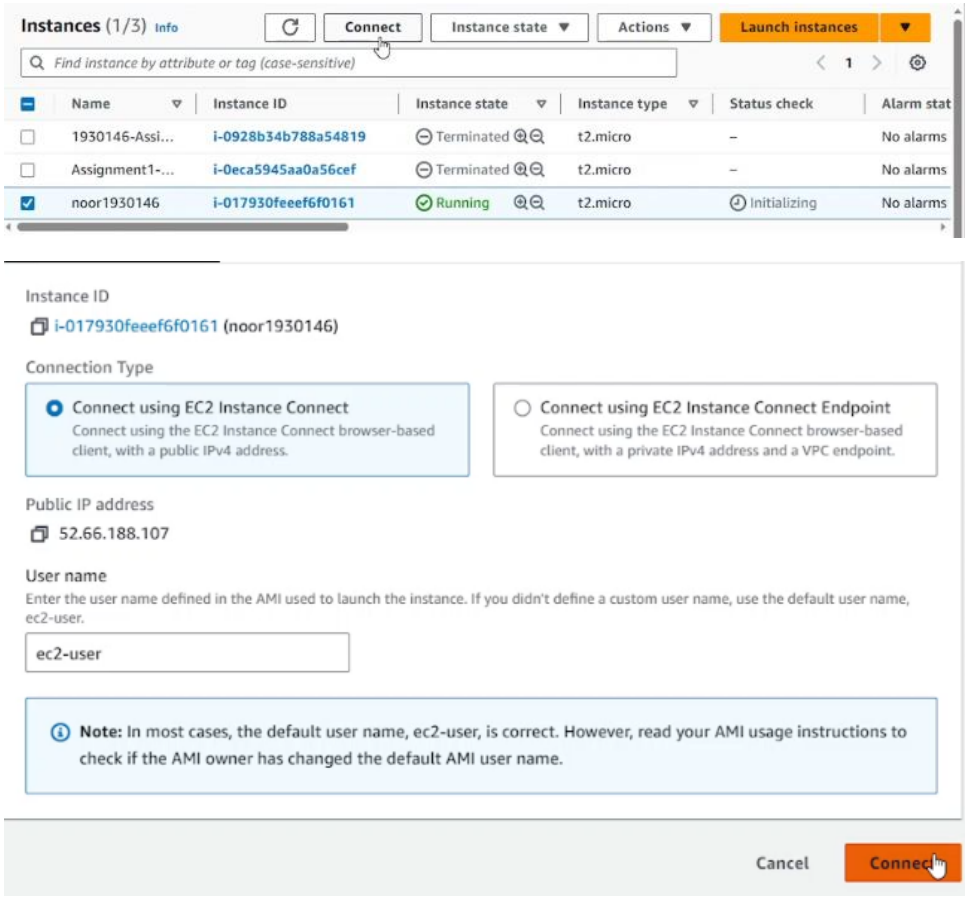
Step 4

Launch Instance



Step 5

Select created instance and connect



Step 6

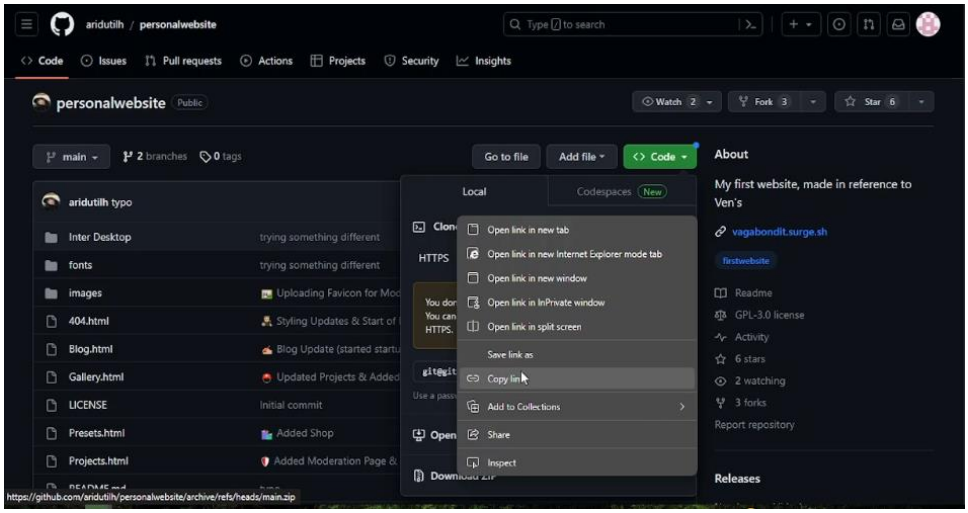
Step 7

```
[root@ip-172-31-40-46 ec2-user]# systemctl status httpd
○ httpd.service - The Apache HTTP Server
     Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
     Active: inactive (dead)
       Docs: man:httpd.service(8)
[root@ip-172-31-40-46 ec2-user]# systemctl enable httpd
Created symlink /etc/systemd/system/multi-user.target.wants/httpd.service → /usr/lib/systemd/system/httpd.service.
[root@ip-172-31-40-46 ec2-user]# systemctl start httpd
```

Step 8

```
[root@ip-172-31-40-46 ec2-user]# systemctl start httpd
[root@ip-172-31-40-46 ec2-user]# sudo yum install git -y
```

Step 9



Step 10

```
Complete!
[root@ip-172-31-40-46 ec2-user]# git clone https://github.com/aridutilh/personalwebsite.git
Cloning into 'personalwebsite'...
remote: Enumerating objects: 595, done.
remote: Counting objects: 100% (17/17), done.
remote: Compressing objects: 100% (17/17), done.
Receiving objects:  21% (127/595), 156.01 KiB | 248.00 KiB/s
```

i-017930feeef6f0161 (noor1930146)

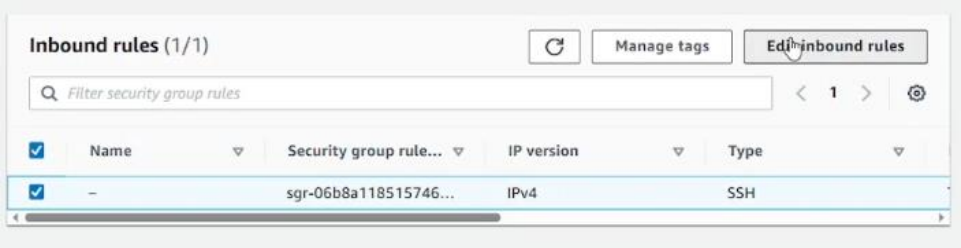
PublicIPs: 52.66.188.107 PrivateIPs: 172.31.40.46

Step 11

```
[root@ip-172-31-40-46 ec2-user]# ls
personalwebsite
[root@ip-172-31-40-46 ec2-user]# cd personalwebsite
[root@ip-172-31-40-46 personalwebsite]# ls
 404.html    Gallery.html     LICENSE        Projects.html   Shop.html   images      interview.html   moderation.html   slavery.html
 Blog.html  'Inter Desktop'   Presets.html   README.md       fonts       index.html  main.css         partner.html      startup.html
[root@ip-172-31-40-46 personalwebsite]# mv * /var/www/html
[root@ip-172-31-40-46 personalwebsite]# cd
[root@ip-172-31-40-46 ~]# cd /var/www/html/
[root@ip-172-31-40-46 html]# ls
 404.html    Gallery.html     LICENSE        Projects.html   Shop.html   images      interview.html   moderation.html   slavery.html
 Blog.html  'Inter Desktop'   Presets.html   README.md       fonts       index.html  main.css         partner.html      startup.html
[root@ip-172-31-40-46 html]#
```

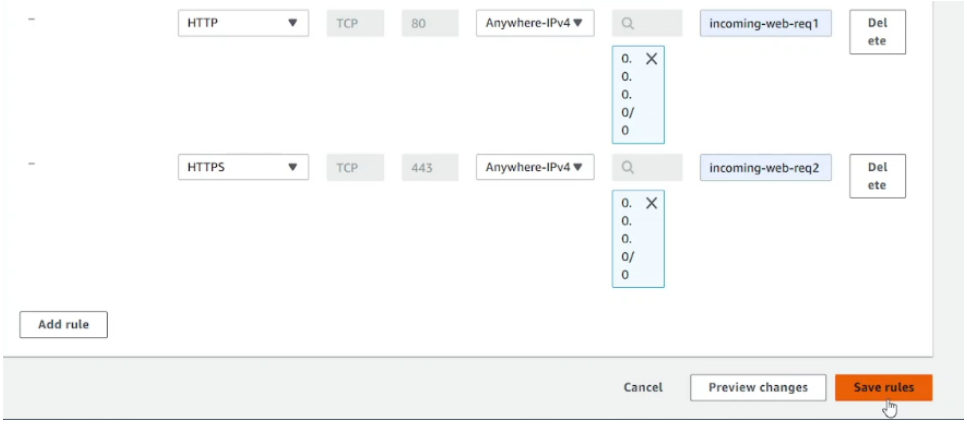
Step 12

Goto security group of the running instance and edit inbound rules



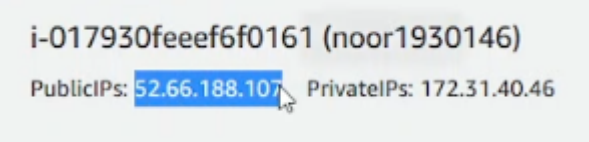
Step 13

Save rules after edit



Step 14

Copy the public IP



Step 15

Paste the ip in a new tab