

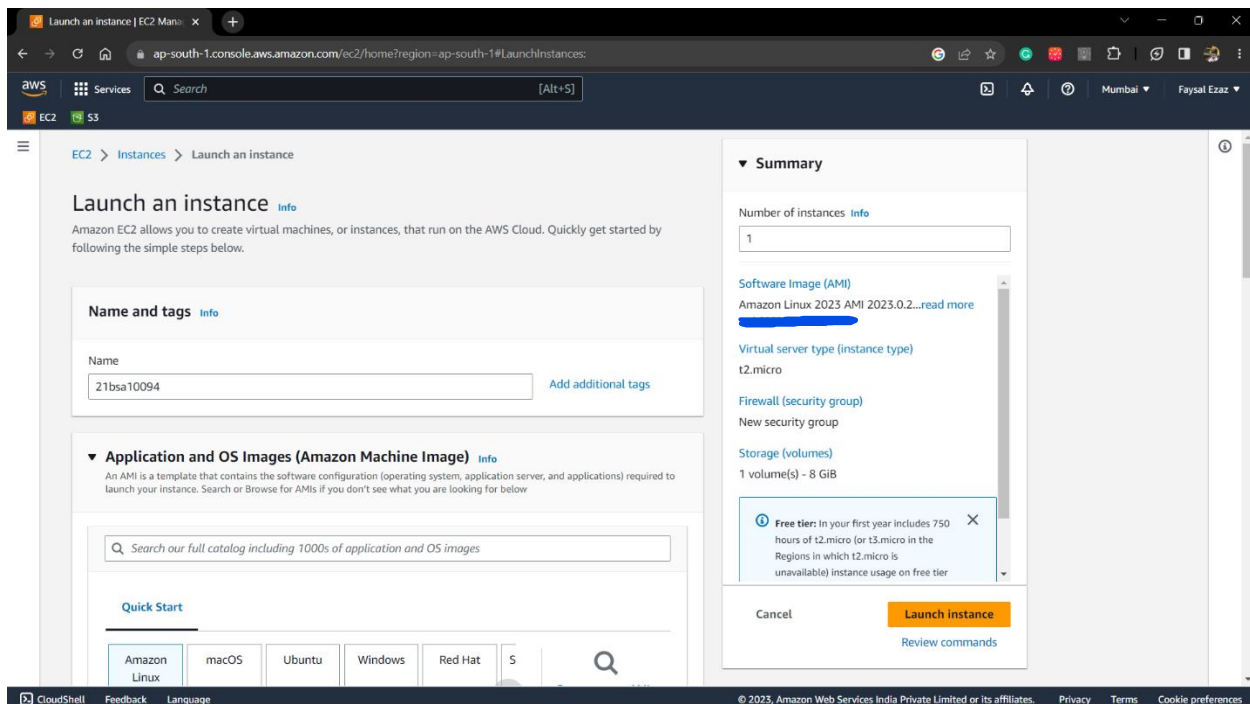
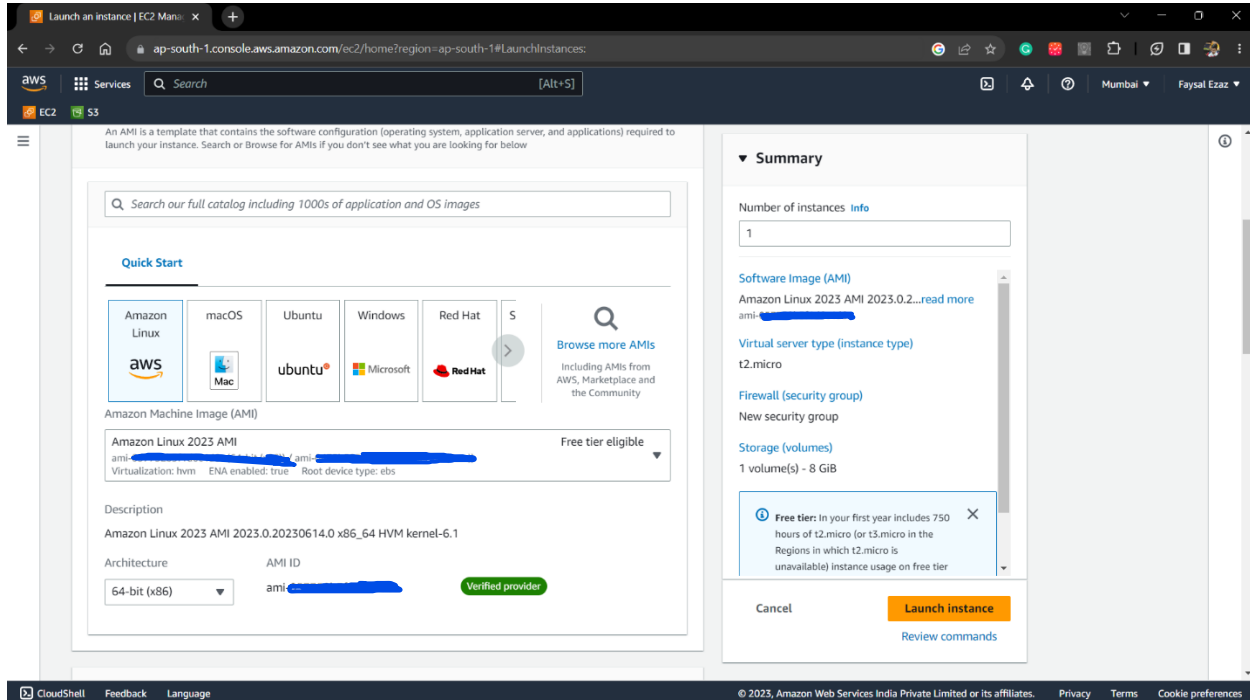
NAME: Faysal Ezaz
Reg.No: 21BSA10094

LAB ACTIVITY:1

Lab Activity 1:

Hosting a static website using AWS EC2

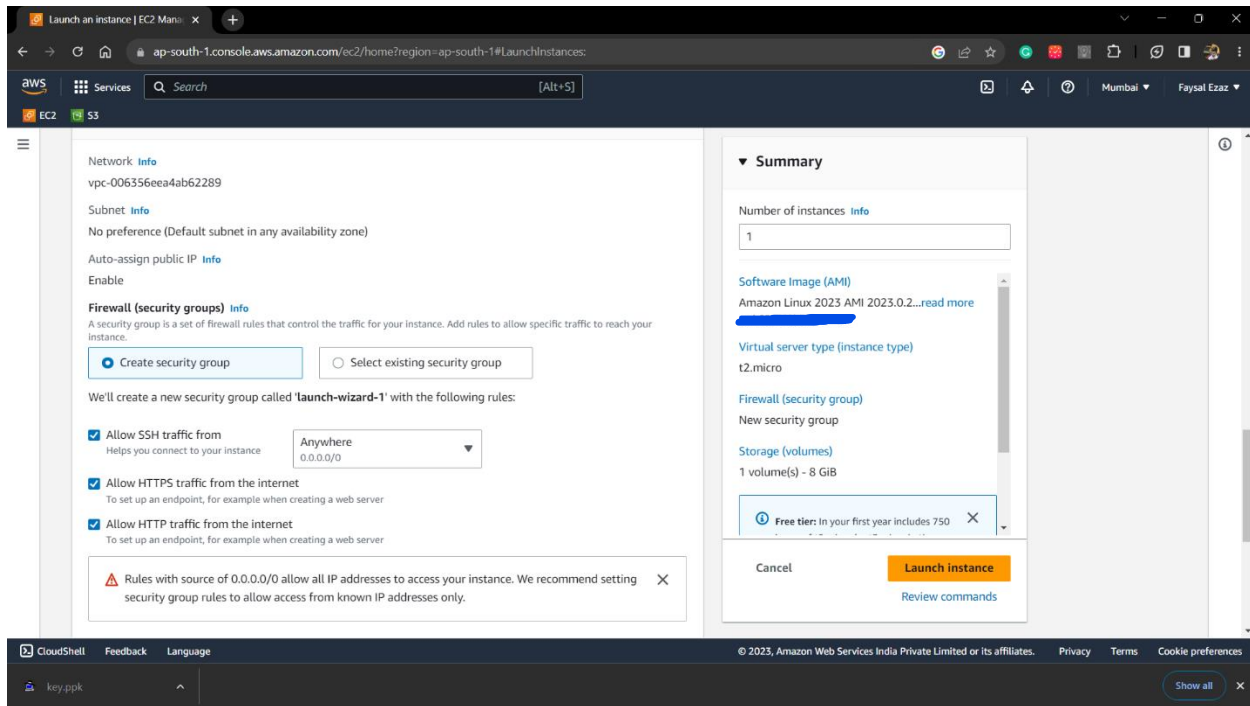
Step1: Create an EC2 instance:



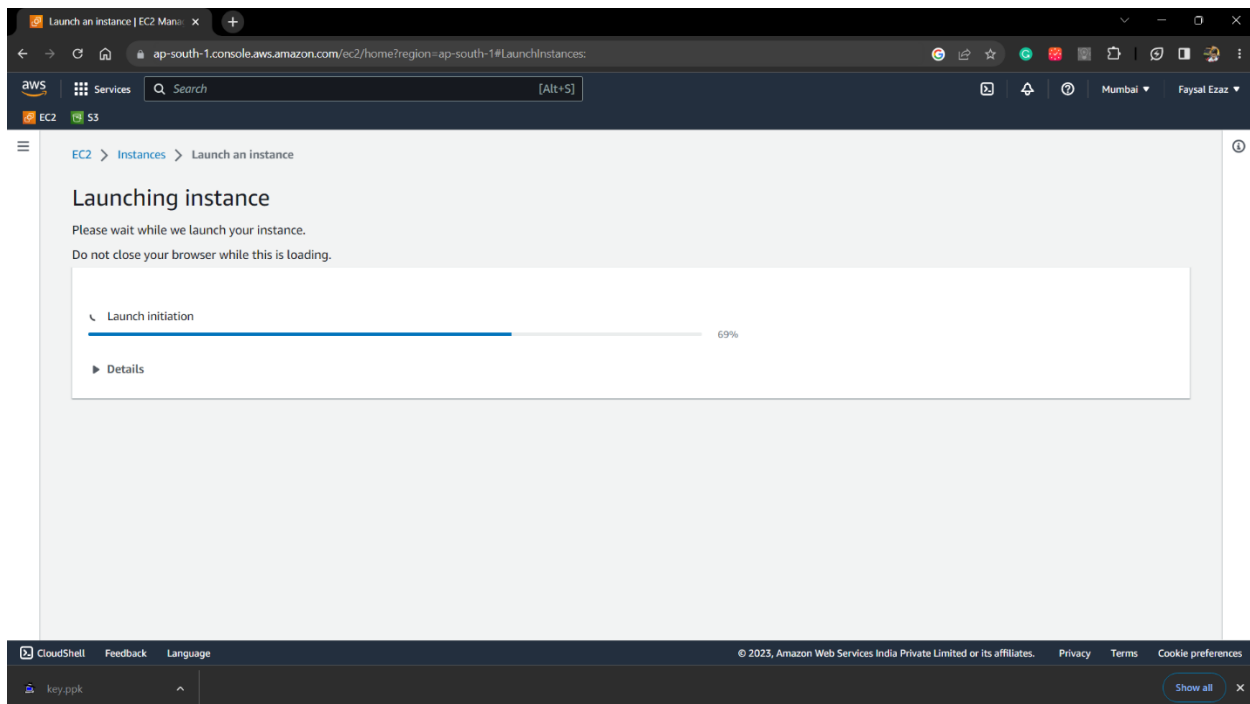
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Step2: Create a security Group



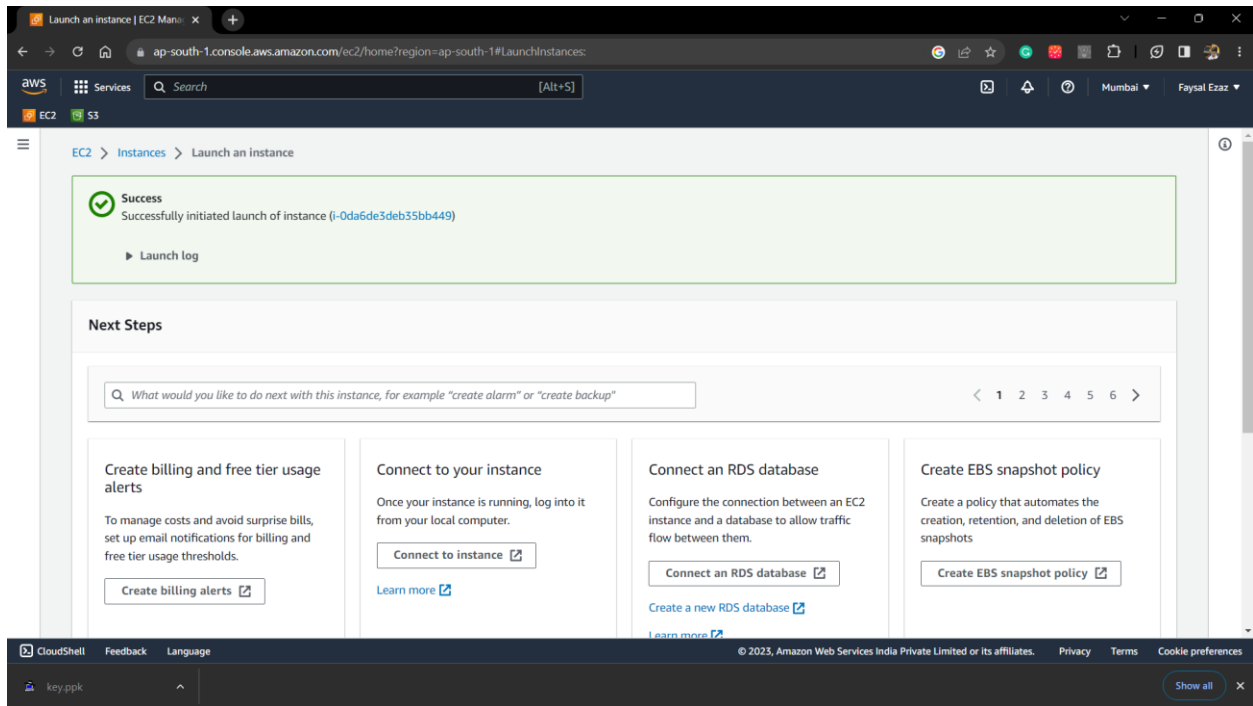
Step 3) Launch the Instance



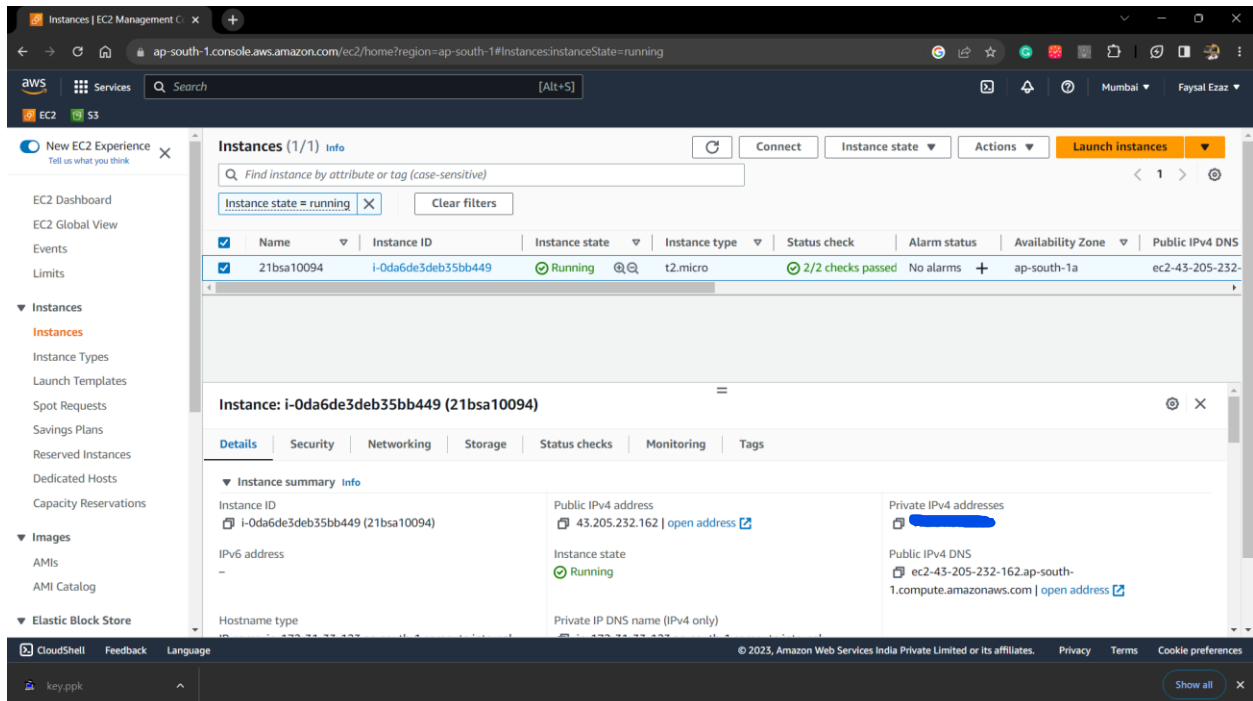
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Step 4) Instance successfully created.



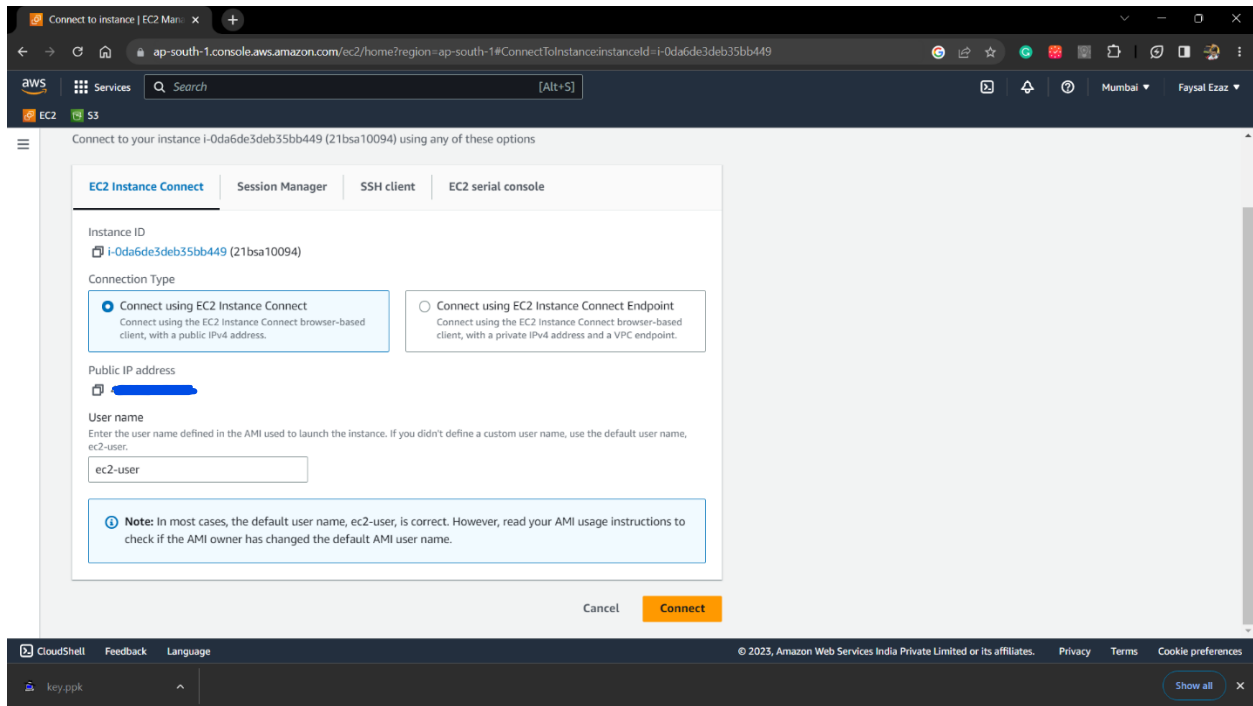
Step 5) Instance started running:



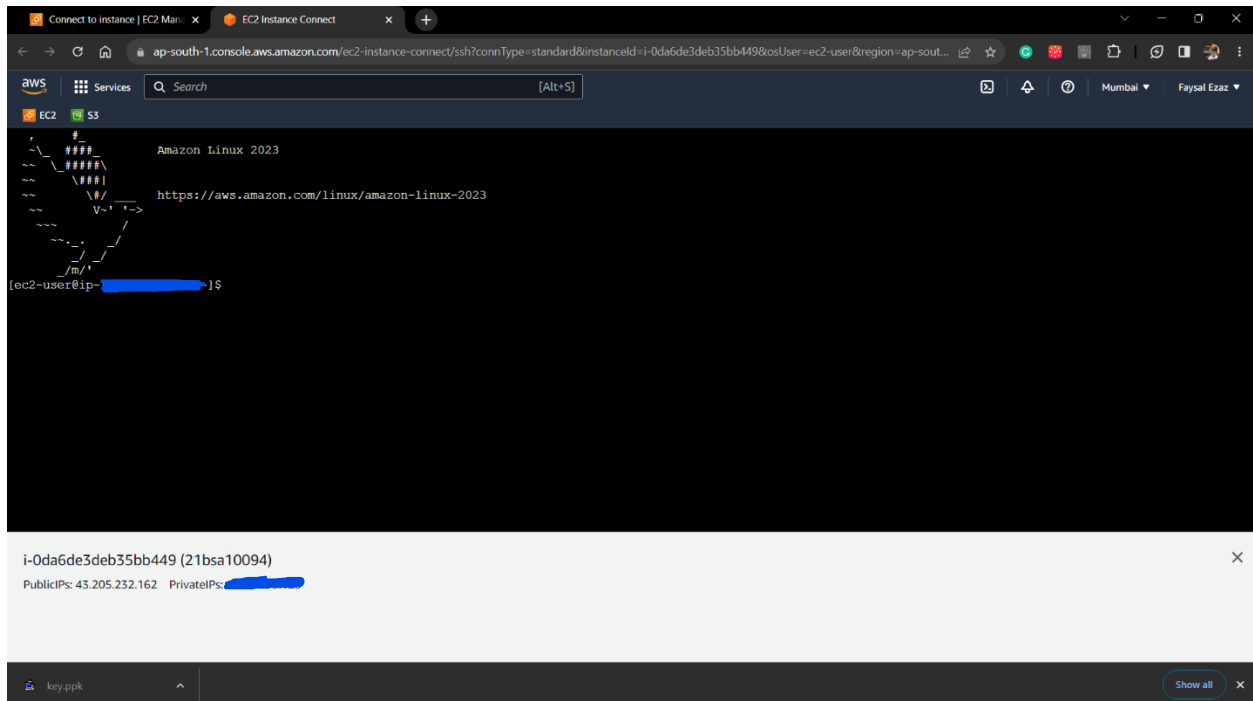
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Step 6) Connect to instance using EC2 instance Connect

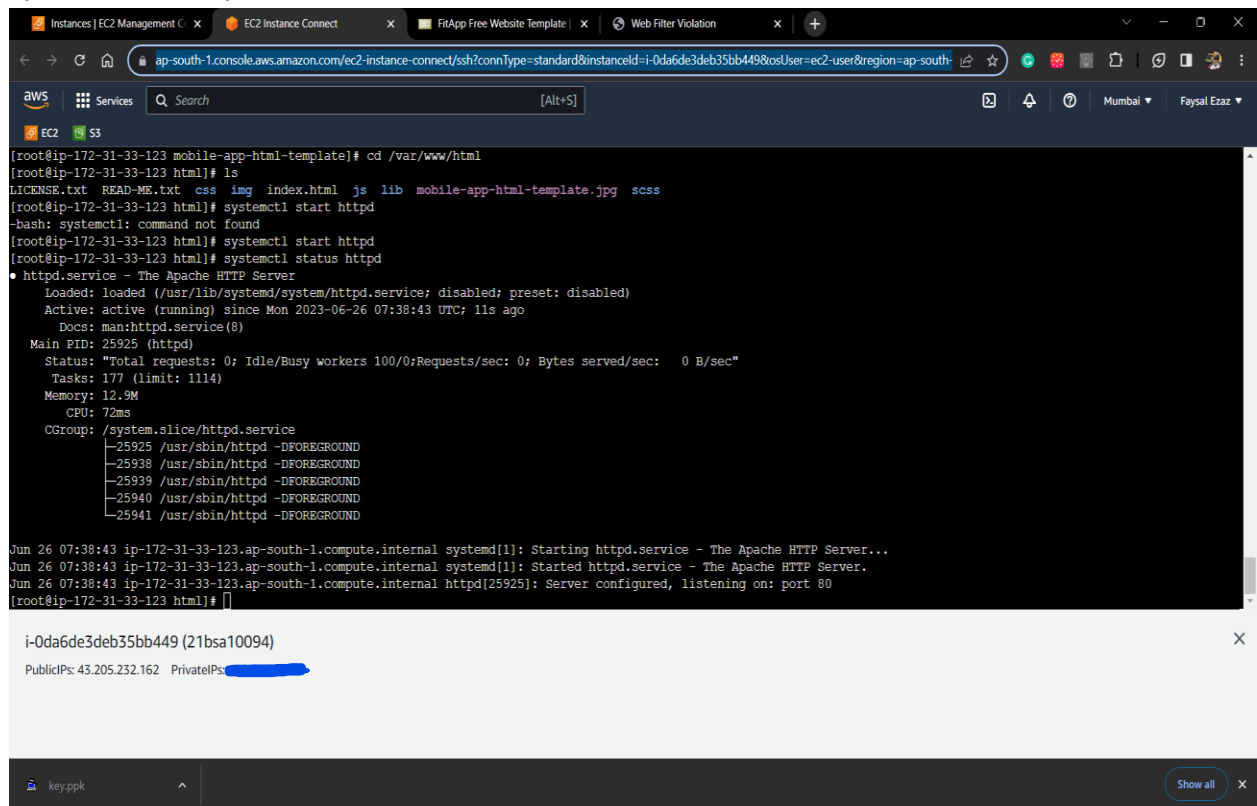


Step 7) Now we're Connected to our instance's terminal:



Step 8) Now we have to enter a few commands to execute the following:

- a) Sudo su- (to become the root user)
- b) Yum update -y (Update the system to the latest version)
- c) Yum install -y httpd (This will install a middleware)
- d) Systemctl status httpd (To check the status of httpd inactive enable later)
- e) Mkdir temp (To make a directory)
- f) Cd temp/ (to move inside the directory)
- g) Wget (link for the website) [command to install the zip file]
- h) Ls -lrt (This is to check if the download is complete)
- i) Unzip (filename).zip [To unzip the file]
- j) Ls -lrt (here we will see the folder with zip file)
- k) Cd complex (To move inside the folder)
- l) Ls -lrt (We need to move all the files and folders inside the particular directory to set the path)
- m) Mv * /var/www/html (To move)
- n) Cd /var/www/html/ (to get inside the path)
- o) Ls -lrt (to check whether it has been moved)
- p) Systemch status httpd
- q) System enable httpd
- r) Systemch start httpd



```
[root@ip-172-31-33-123 mobile-app-html-template]# cd /var/www/html
[root@ip-172-31-33-123 html]# ls
LICENSE.txt  README.txt  css  img  index.html  js  lib  mobile-app-html-template.jpg  scss
[root@ip-172-31-33-123 html]# systemctl start httpd
-bash: systemctl: command not found
[root@ip-172-31-33-123 html]# systemctl start httpd
[root@ip-172-31-33-123 html]# systemctl status httpd
• httpd.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/httpd.service; disabled; preset: disabled)
   Active: active (running) since Mon 2023-06-26 07:38:43 UTC; 11s ago
     Docs: man:httpd.service(8)
   Main PID: 25925 (httpd)
   Status: "Total requests: 0; Idle/Busy workers 100/0; Requests/sec: 0; Bytes served/sec: 0 B/sec"
     Tasks: 177 (Limit: 1114)
    Memory: 12.9M
       CPU: 72ms
   CGroup: /system.slice/httpd.service
           └─25925 /usr/sbin/httpd -DFOREGROUND
             └─25938 /usr/sbin/httpd -DFOREGROUND
               └─25939 /usr/sbin/httpd -DFOREGROUND
                 └─25940 /usr/sbin/httpd -DFOREGROUND
                   └─25941 /usr/sbin/httpd -DFOREGROUND

Jun 26 07:38:43 ip-172-31-33-123.ap-south-1.compute.internal systemd[1]: Starting httpd.service - The Apache HTTP Server...
Jun 26 07:38:43 ip-172-31-33-123.ap-south-1.compute.internal systemd[1]: Started httpd.service - The Apache HTTP Server.
Jun 26 07:38:43 ip-172-31-33-123.ap-south-1.compute.internal httpd[25925]: Server configured, listening on: port 80
[root@ip-172-31-33-123 html]#
```

i-Oda6de3deb35bb449 (21bsa10094)

PublicIPs: 43.205.232.162 PrivateIPs: [REDACTED]

key.ppk

Show all

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LAB ACTIVITY:1

Step 9) The website is hosted as an http website.

