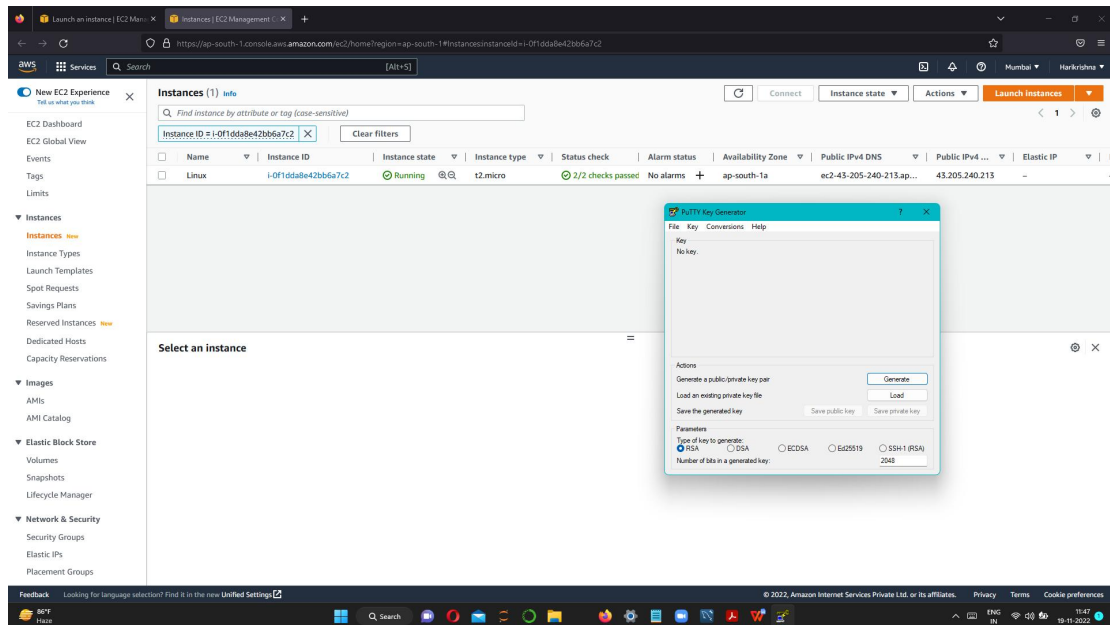


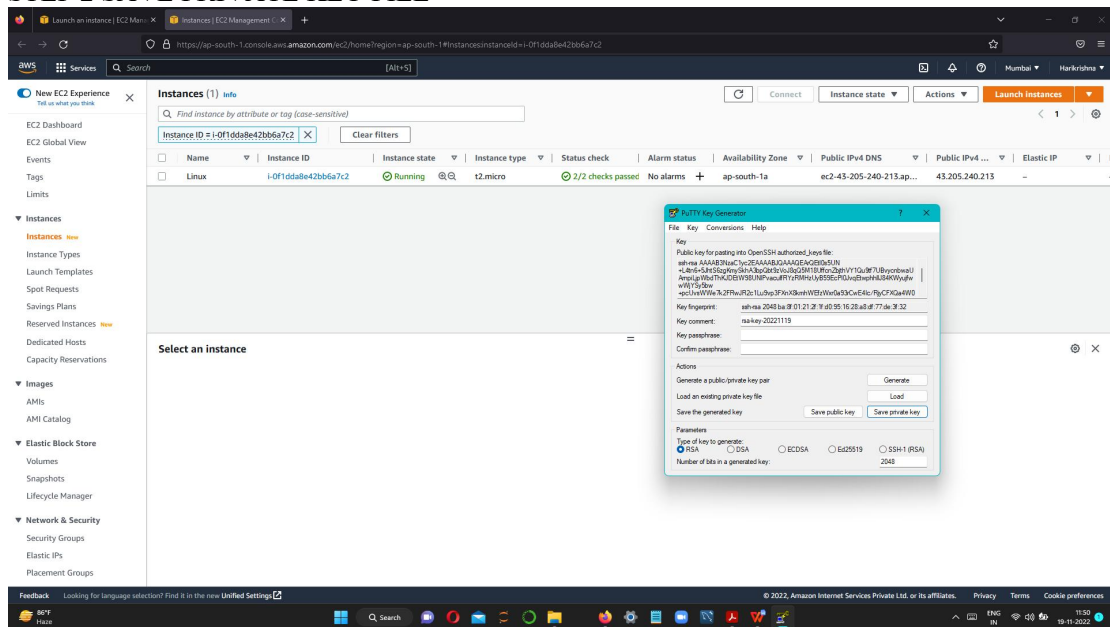
## APPLICATION HOSTING IN LINUX (apache)

AFTER LAUNCHING THE LINUX INSTANCE

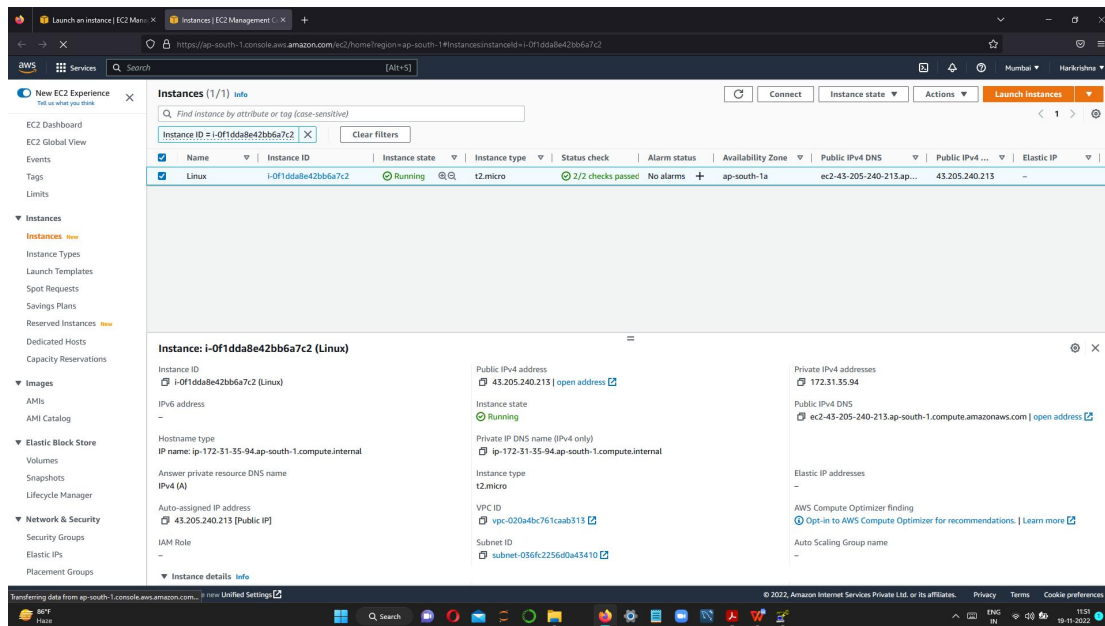
STEP:1 AFTER INSTANCE CREATED,GENERATE PRIVATE KEY FOR LINUX USING PUTTY.



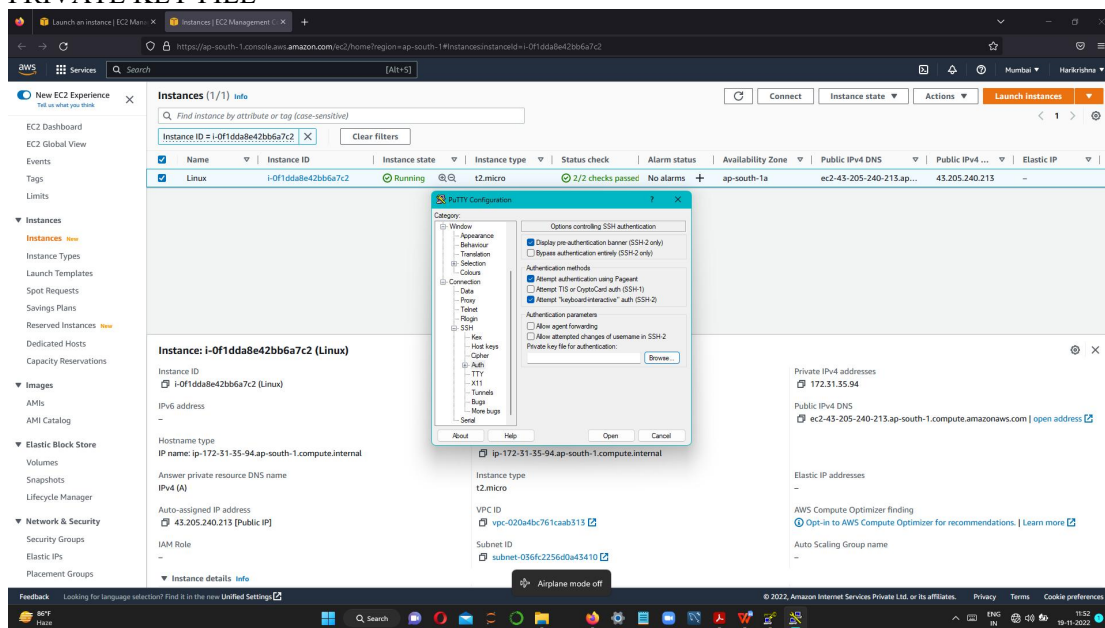
STEP 2 SAVE PRIVATE KEY FILE

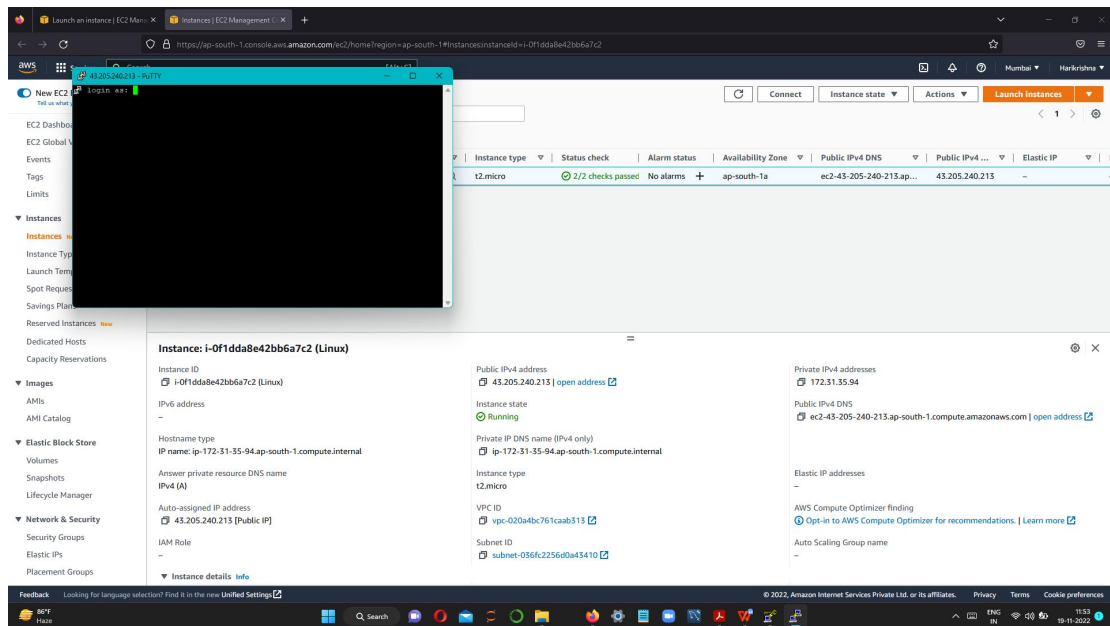


STEP 3 - COPY PUBLIC IP ADDRESS AND PASTE IN PUTTY

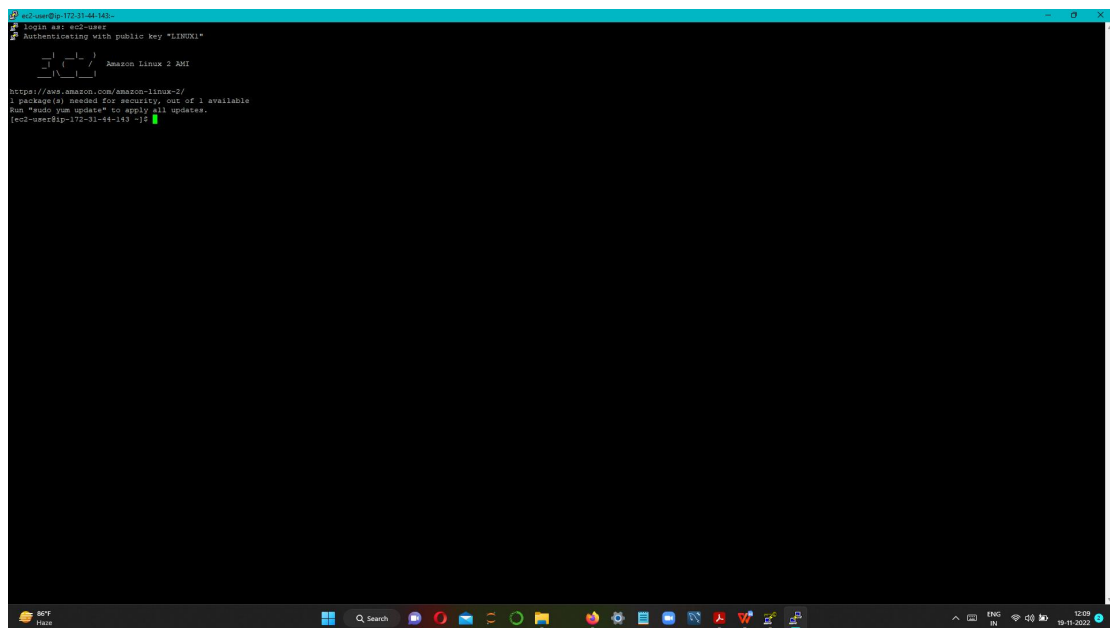


## STEP 4-- PASTE IP ADDRESS IN PUTTY ,SELECT SSH-->AUTH-->BROWSE-->UPLOAD PRIVATE KEY FILE





STEP 5-- TYPE EC2-USER AND PRESS ENTER



TYPE COMMAND SUDO -I FOR CHANGE TO ROOT USER

```
root@ip-172-31-44-143:~#
Authenticating with public key "linux1"

      _ _ _ _ _
     /   _   \   Amazon Linux 2 AMI
    /___/___\___/

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[root@ip-172-31-44-143 ~]# sudo -i
[root@ip-172-31-44-143 ~]#
```

Type Yum install httpd -y for install apache server

```
root@ip-172-31-44-143:~#
Installing:
httpd                                x86_64                                2.4.54-1.amzn2                                amzn2-core                                1.4 M
Installing for dependencies:
apr                                  x86_64                                1.7.0-9.amzn2                                amzn2-core                                122 k
apr-util                            x86_64                                1.6.1-5.amzn2.0.2                           amzn2-core                                54 k
apr-util-bdb                        x86_64                                1.6.1-5.amzn2.0.2                           amzn2-core                                19 k
generic-logos-httpd.noarch         noarch                                18.0.0-4.amzn2                                amzn2-core                                25 k
httpd-filesystem                   x86_64                                2.4.54-1.amzn2                                amzn2-core                                24 k
httpd-tools                         x86_64                                2.4.54-1.amzn2                                amzn2-core                                88 k
mailcap                             noarch                                2.1.41-2.amzn2                                amzn2-core                                31 k
mod_httpd                          x86_64                                1.15.15-1.amzn2.0.1                         amzn2-core                                149 k

Transaction Summary
Install 1 Package (+8 Dependent packages)
Total download size: 1.9 M
Installed size: 5.2 M
Downloading packages:
(1/9): apr-1.7.0-9.amzn2.x86_64.rpm                                | 122 kB  00:00:00
(2/9): apr-util-1.6.1-5.amzn2.0.2.x86_64.rpm                      | 54 kB  00:00:00
(3/9): apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64.rpm                  | 19 kB  00:00:00
(4/9): generic-logos-httpd-18.0.0-4.amzn2.noarch.rpm              | 25 kB  00:00:00
(5/9): httpd-2.4.54-1.amzn2.x86_64.rpm                            | 1.4 MB  00:00:00
(6/9): httpd-filesystem-2.4.54-1.amzn2.noarch.rpm                  | 24 kB  00:00:00
(7/9): httpd-tools-2.4.54-1.amzn2.x86_64.rpm                      | 88 kB  00:00:00
(8/9): mailcap-2.1.41-2.amzn2.noarch.rpm                          | 31 kB  00:00:00
(9/9): mod_httpd-1.15.15-1.amzn2.0.1.x86_64.rpm                  | 149 kB  00:00:00
Total                                                                9.4 MB/s | 1.9 MB  00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : apr-1.7.0-9.amzn2.x86_64                                2/9
Installing : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64                 2/9
Installing : apr-util-1.6.1-5.amzn2.0.2.x86_64                     2/9
Installing : httpd-tools-2.4.54-1.amzn2.x86_64                     2/9
Installing : httpd-filesystem-2.4.54-1.amzn2.noarch                 2/9
Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch              2/9
Installing : mailcap-2.1.41-2.amzn2.noarch                          7/9
Installing : mod_httpd-1.15.15-1.amzn2.0.1.x86_64                  6/9
Installing : httpd-2.4.54-1.amzn2.x86_64                           9/9
Verifying : apr-util-1.6.1-5.amzn2.0.2.x86_64                     2/9
Verifying : apr-util-bdb-1.6.1-5.amzn2.0.2.x86_64                 2/9
Verifying : httpd-tools-2.4.54-1.amzn2.x86_64                     2/9
Verifying : mod_httpd-1.15.15-1.amzn2.0.1.x86_64                  4/9
Verifying : httpd-2.4.54-1.amzn2.x86_64                           5/9
Verifying : mailcap-2.1.41-2.amzn2.noarch                          6/9
Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch              7/9
Verifying : httpd-filesystem-2.4.54-1.amzn2.noarch                 8/9
Verifying : apr-1.7.0-9.amzn2.x86_64                              9/9
Installed:
httpd.x86_64 0:2.4.54-1.amzn2

Dependency Installed:
apr.x86_64 0:1.7.0-9.amzn2      apr-util.x86_64 0:1.6.1-5.amzn2.0.2      apr-util-bdb.x86_64 0:1.6.1-5.amzn2.0.2      generic-logos-httpd.noarch 0:18.0.0-4.amzn2      httpd-filesystem.noarch 0:2.4.54-1.amzn2      httpd-tools.x86_64 0:2.4.54-1.amzn2      mailcap.noarch 0:2.1.41-2.amzn2      mod_httpd.x86_64 0:1.15.15-1.amzn2.0.1

Complete!
[root@ip-172-31-44-143 ~]#
```

TO START SERVER TYPE THE COMMAND

SERVICE HTTPD START

TO GET PERMISSION FOR TRANSFER FILES FROM WINDOWS TO LINUX

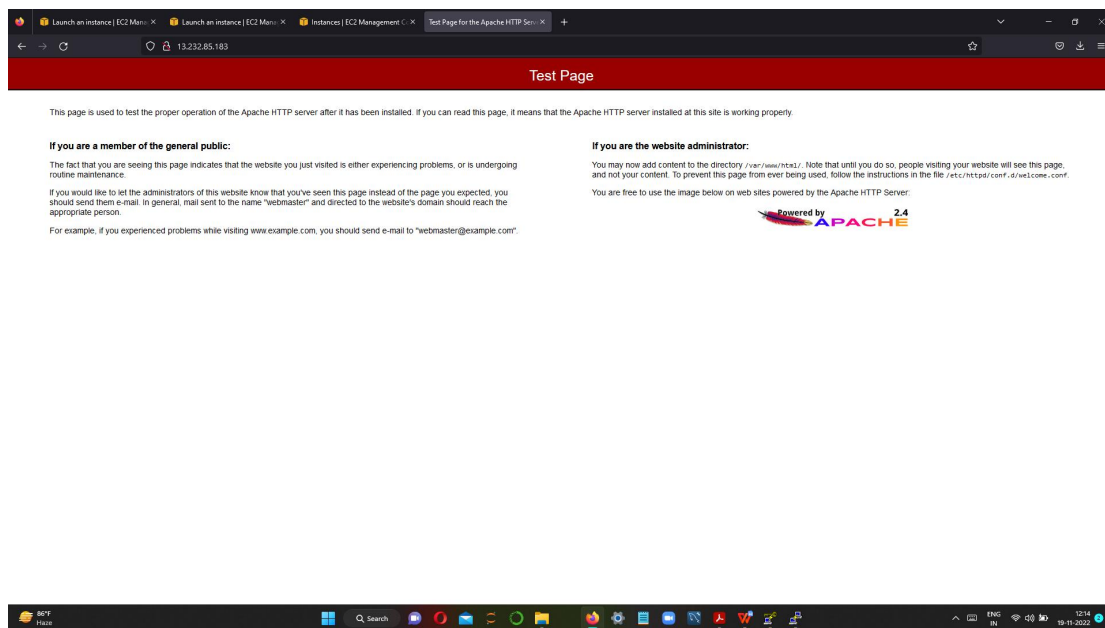
TYPE chmod 777 /var/www/html

```
root@ip-172-31-44-143:~#
Login as ec2-user
Authenticating with public key "linux01"
Last login: Sat Nov 19 06:39:29 2022 from 49.37.222.48

 _ _ _ _ _
/  _  _  \  Amazon Linux 2 AMI
 \_/_/_/_/

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 3 available
Run "sudo yum update" to apply all updates.
[root@ip-172-31-44-143 ~]# sudo -i
[root@ip-172-31-44-143 ~]# yum install httpd -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
awscli-core | 2.7.85 | 60:00
Package httpd-2.4.54-1.amzn2.x86_64 already installed and latest version
Nothing to do
[root@ip-172-31-44-143 ~]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-44-143 ~]# curl http://www.html
curl: (56) Recv failure: Connection reset by peer
curl: (56) Missing operand after 'http://www/html'
Try 'curl --help' for more information.
[root@ip-172-31-44-143 ~]# curl http://www/html
[root@ip-172-31-44-143 ~]#
```

PASTE PUBLIC IP IN BROWSER AND CHECK SERVER IS STARTED OR NOT.

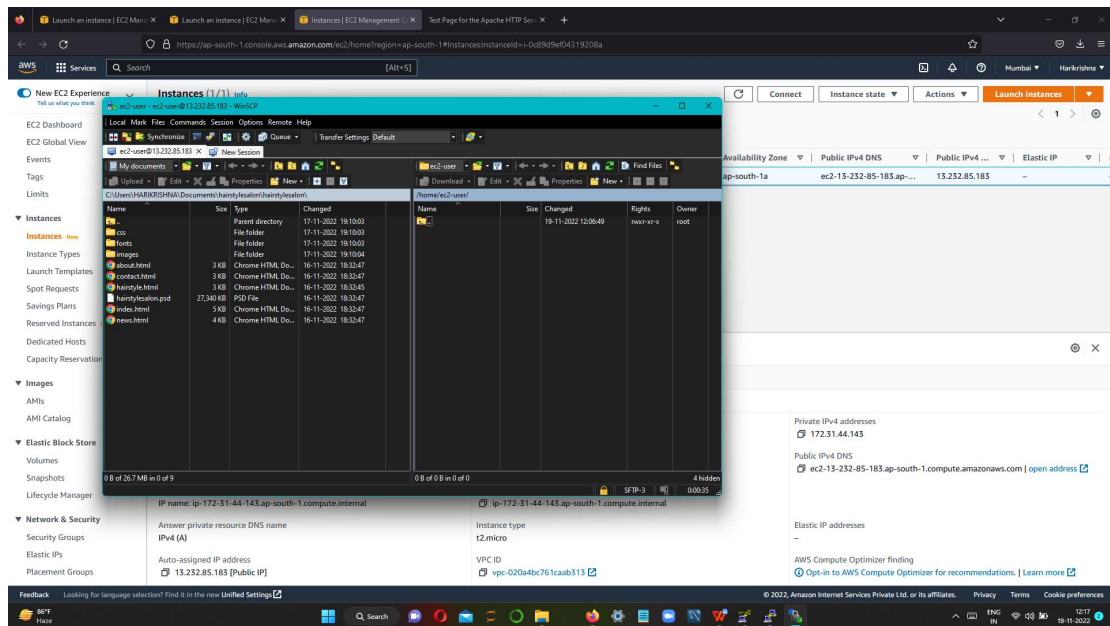


AND SERVER STARTS..

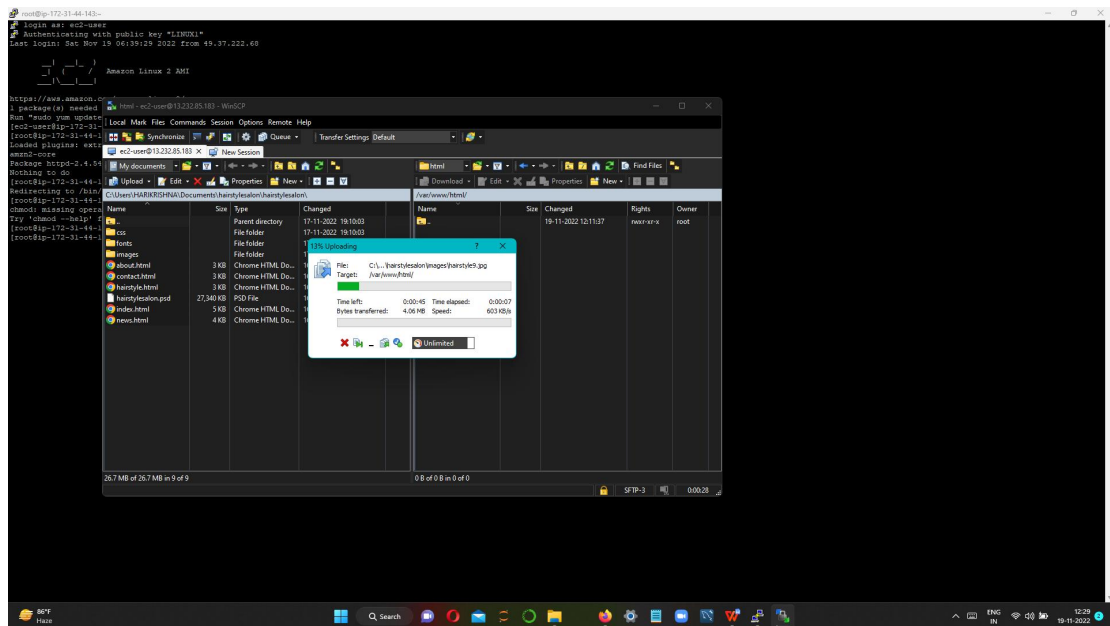
STEP-6

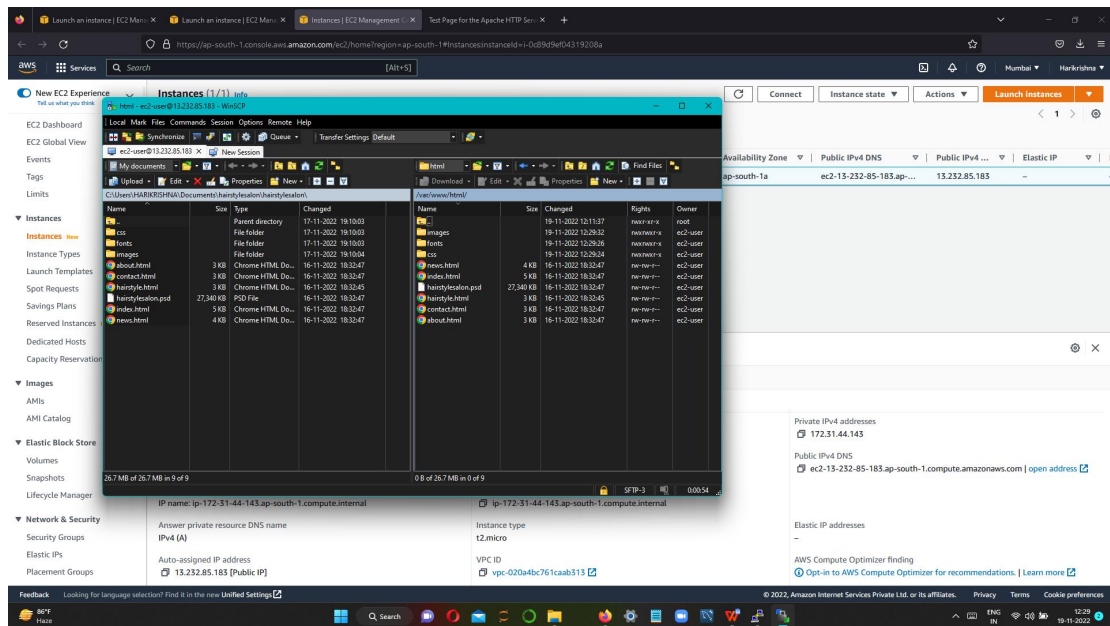
OPEN WINSCP TOOL AND TYPE PUBLIC IP

USERNAME:EC2-USER AND PASSWORD CLICK ADVANCED-->SSH-->LOAD  
PRIVATE KEY-->GETPASSWORD-->PASTE KEY IN PASSWORD



STEP 7-- AFTER OPEN THE WINSCP DOUBLE CLICK THE RIGHT SIDE FILE AND OPEN VAR-->WWW-->HTML--> PASTE THE SOURCE FILE





## OUTPUT: HIT THE IP ADDRESS IN BROWSER.

