

Assignment 3

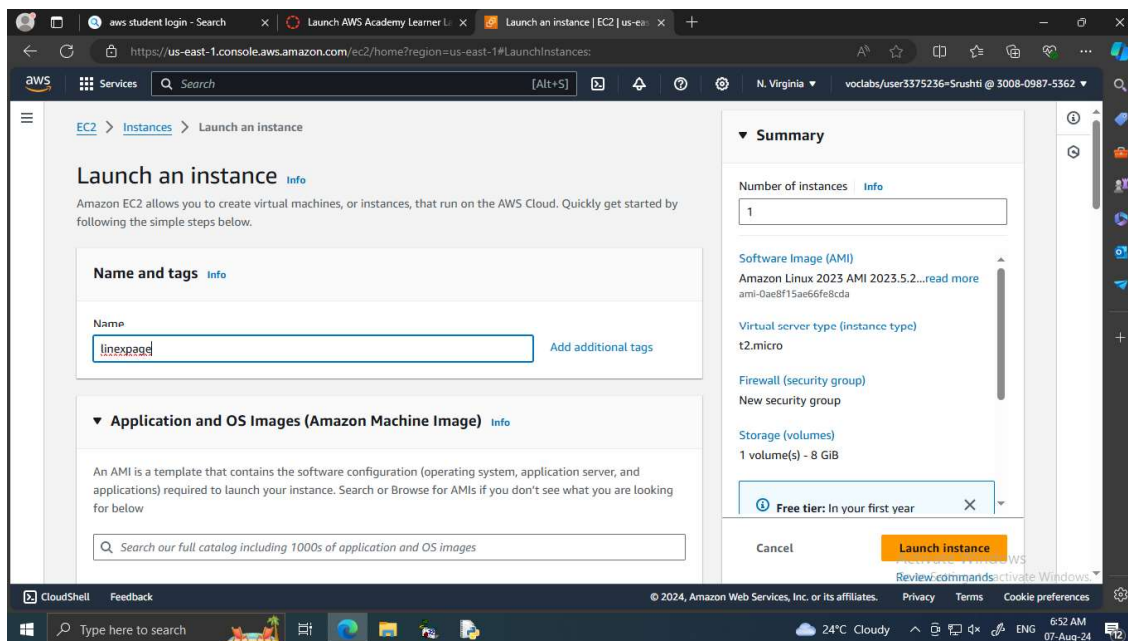
Name : Srushti Dattatray Pawar

Class: Msc CS Part 2

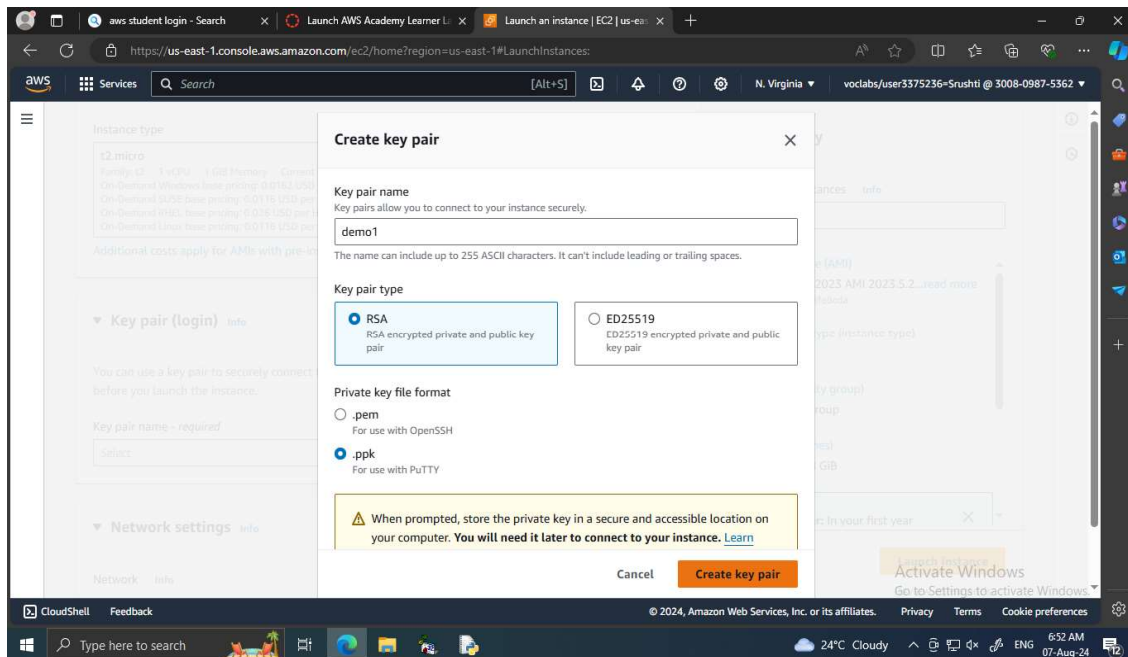
Q)Working and implementation of Infrastructure as a service Create an EC2 Linux Instance.Install an Apache Web Server and run the Hello World page by typing commands on a virtual machine.(Use AWS Platform)

Step 1:Login in to your AWS account and go to service->Compute->EC2 to launch the instance

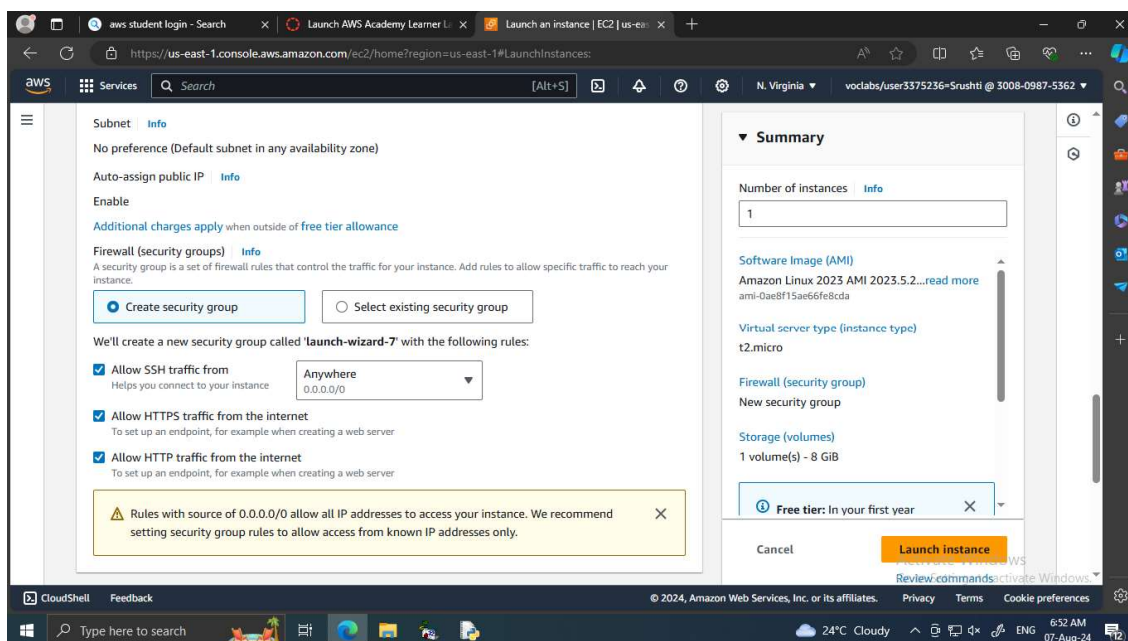
Step 2:In the Name and Tags step,you can add tags to an instance.Then select the Amazon Machine Image.Here I select Linux based OS



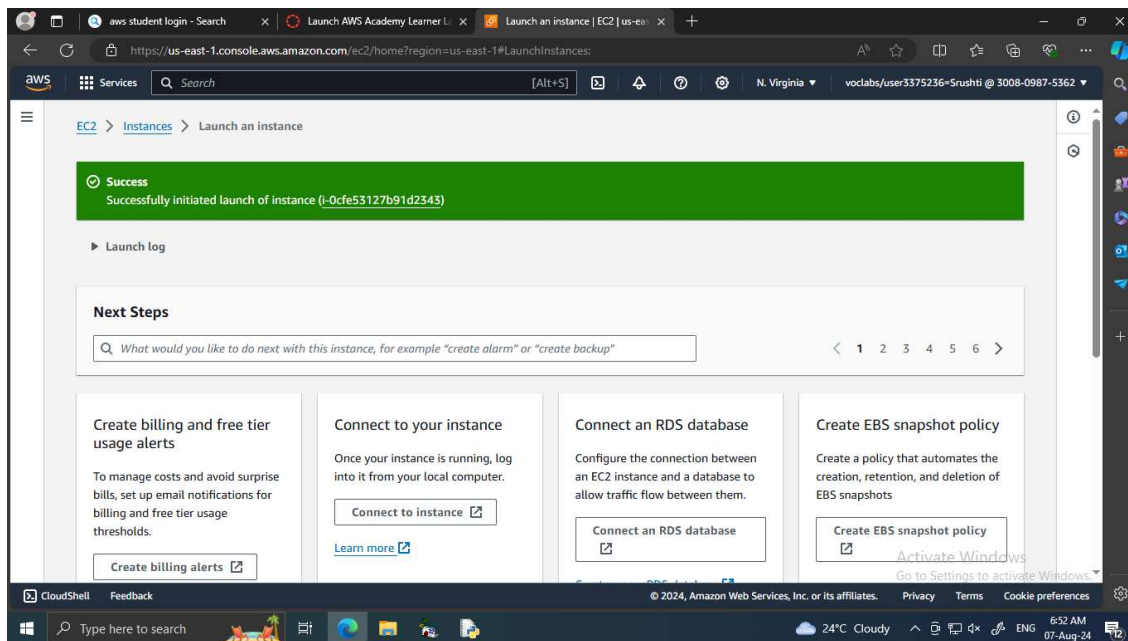
Step 3: Enter the key name and create the .ppk file



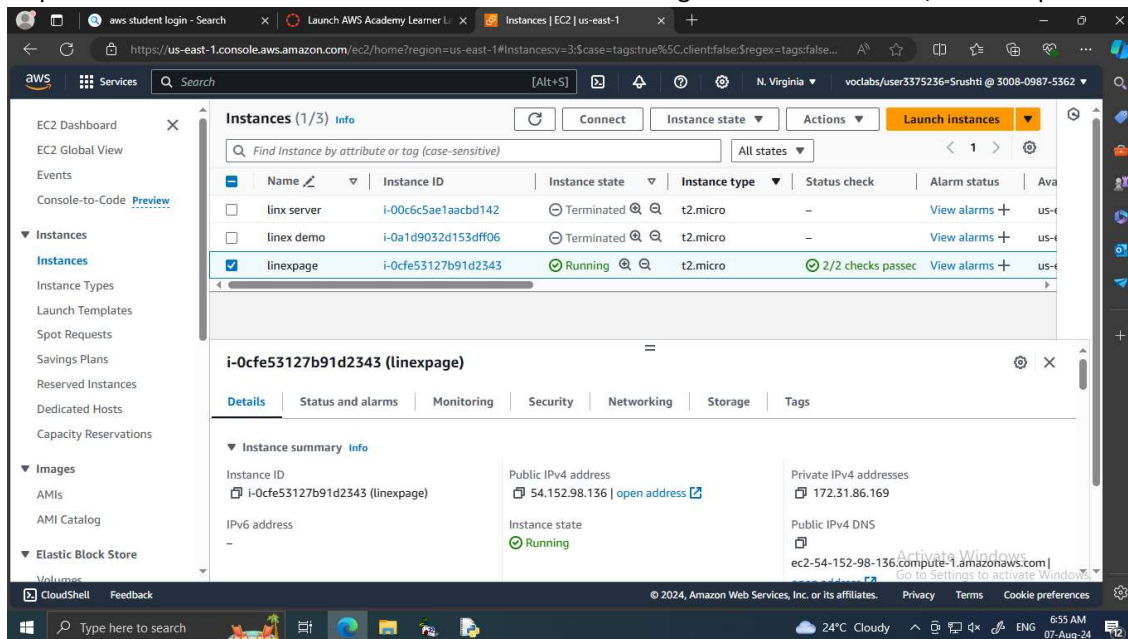
Step 4: Choose 'Create security group' and add SSH, HTTP and HTTPS Types



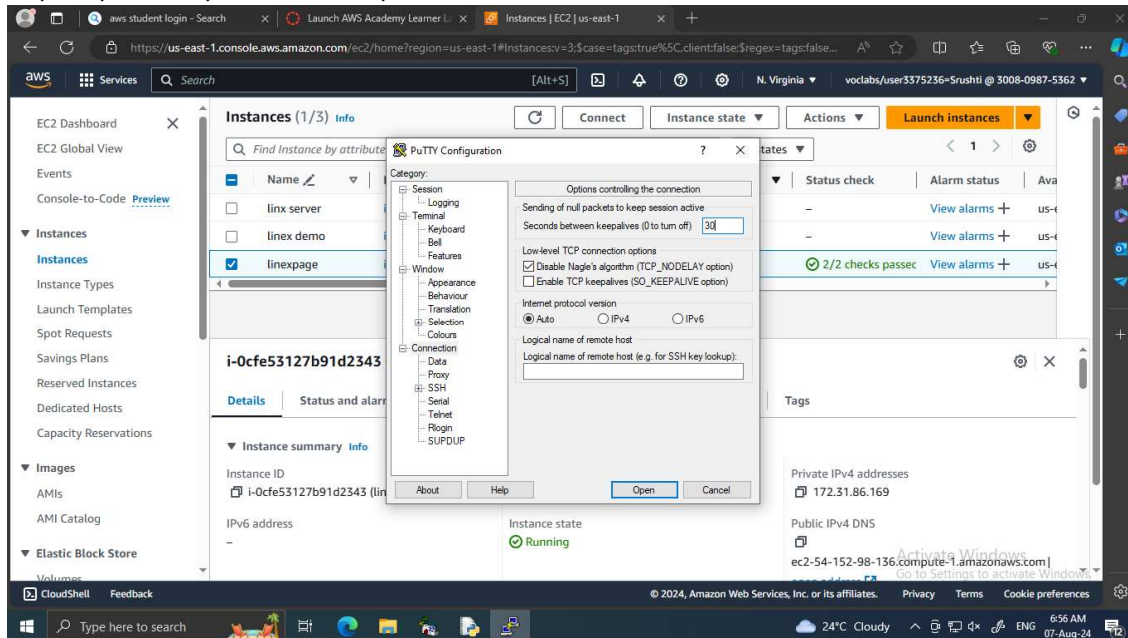
Step 5: Check summary. And click on Launch Instance



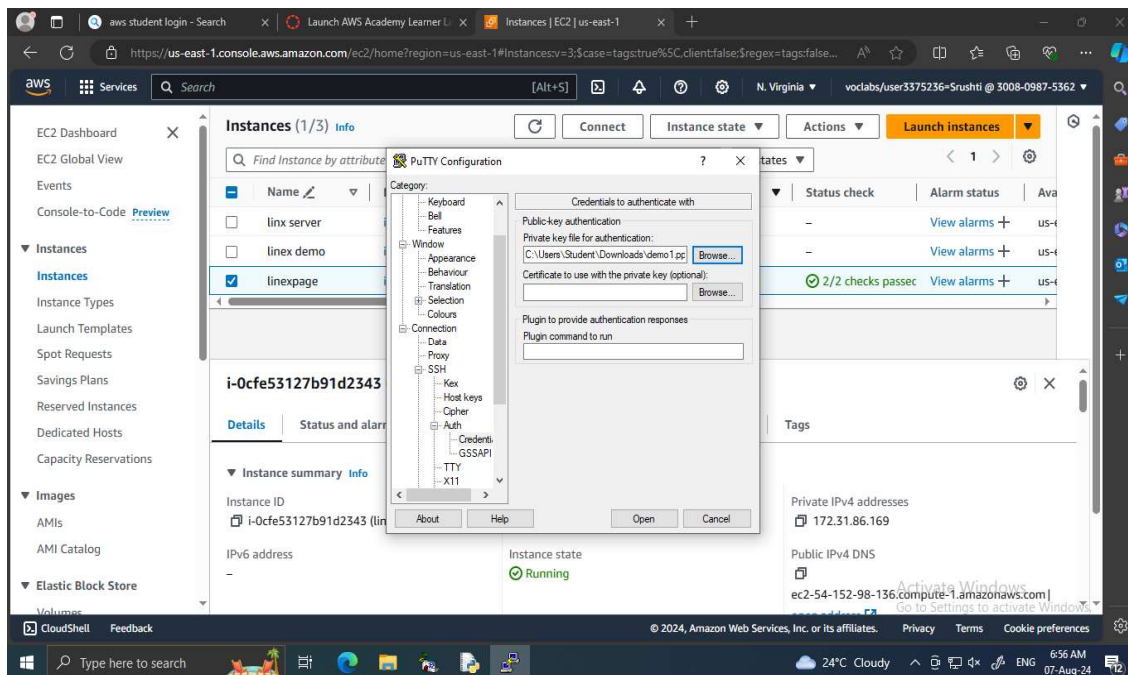
Step 6: We can see our instance named 'linuxdemo' is running and status check is 2/2 checks passed

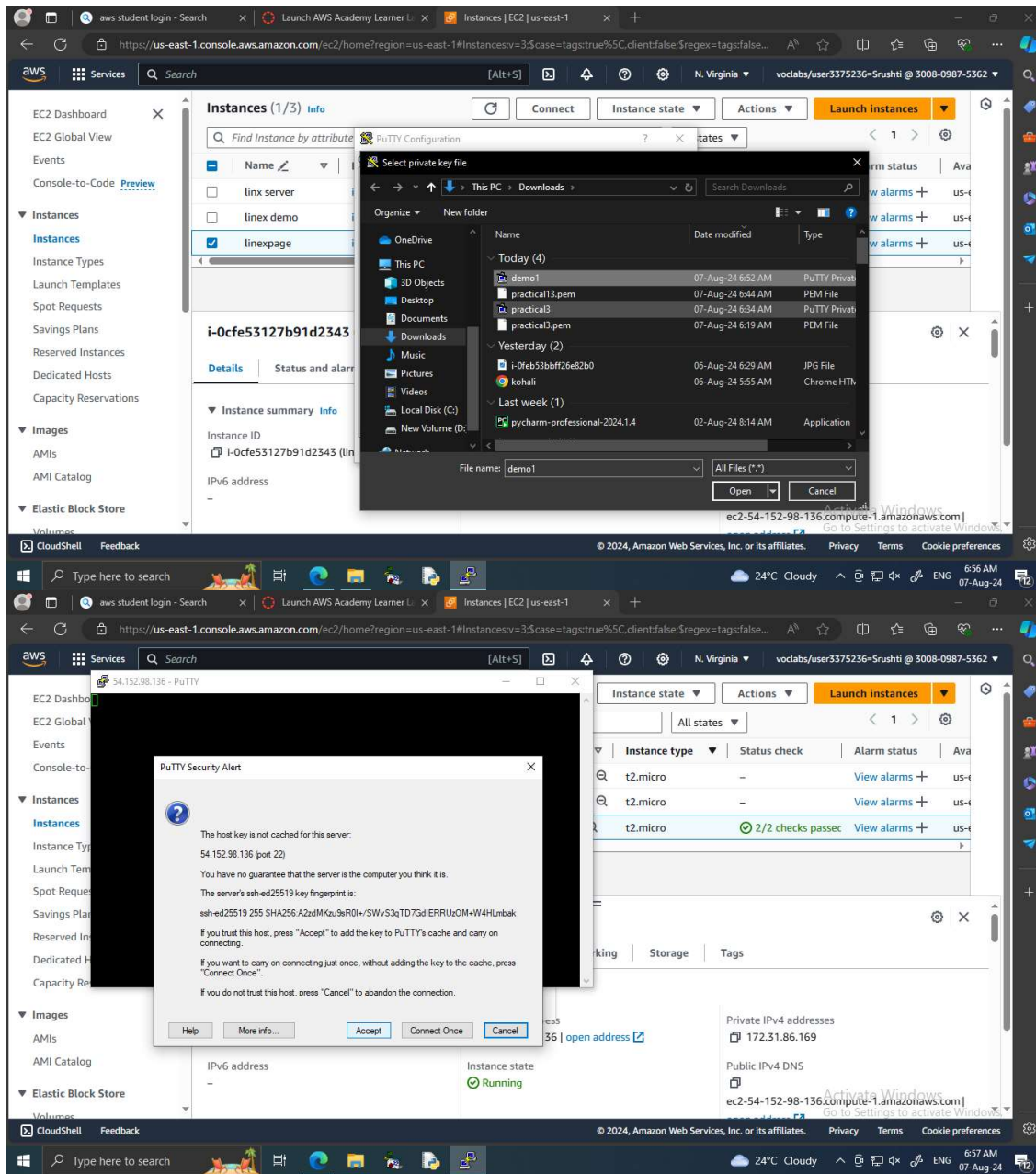


Step 7: Open PuTTY and enter the public IP of the instance in Host Name field.



Step 8: Select Connection->SSH->Auth->Credentials and click on browse to select that .ppk file and click on open.





Step 9: Linux instance created successfully, and now we can enter given commands in this terminal.

1. `$sec2-user`

2. `$sudo su` (by default root user)

3. `$yum update -y` (update software packages)

4. `$yum install httpd -y` (installs httpd)

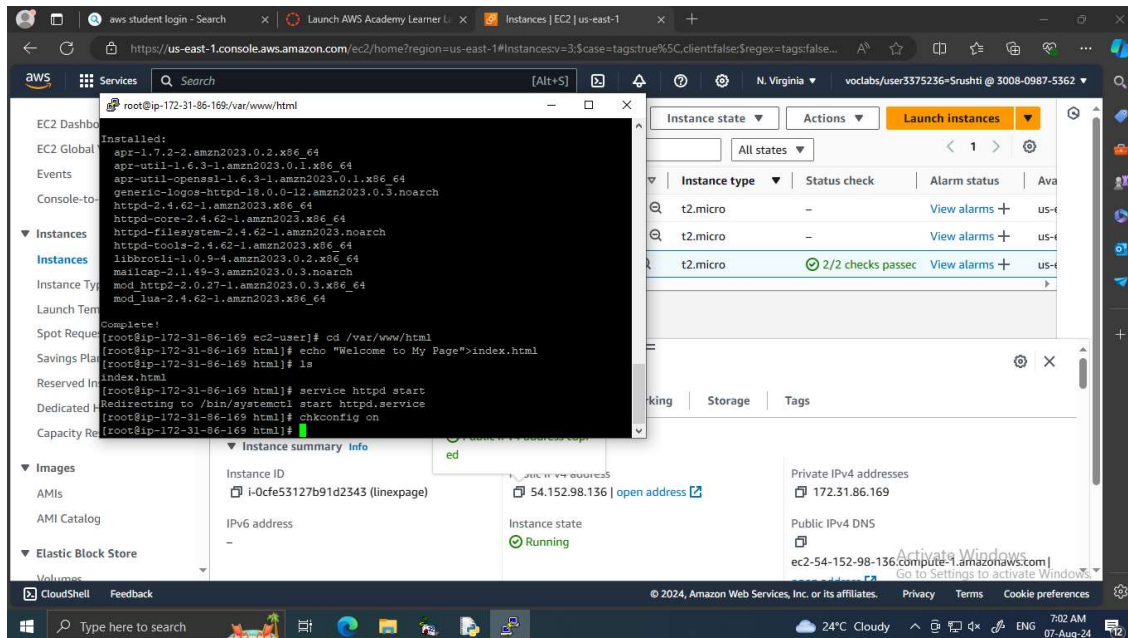
5. `$cd /var/www/html`

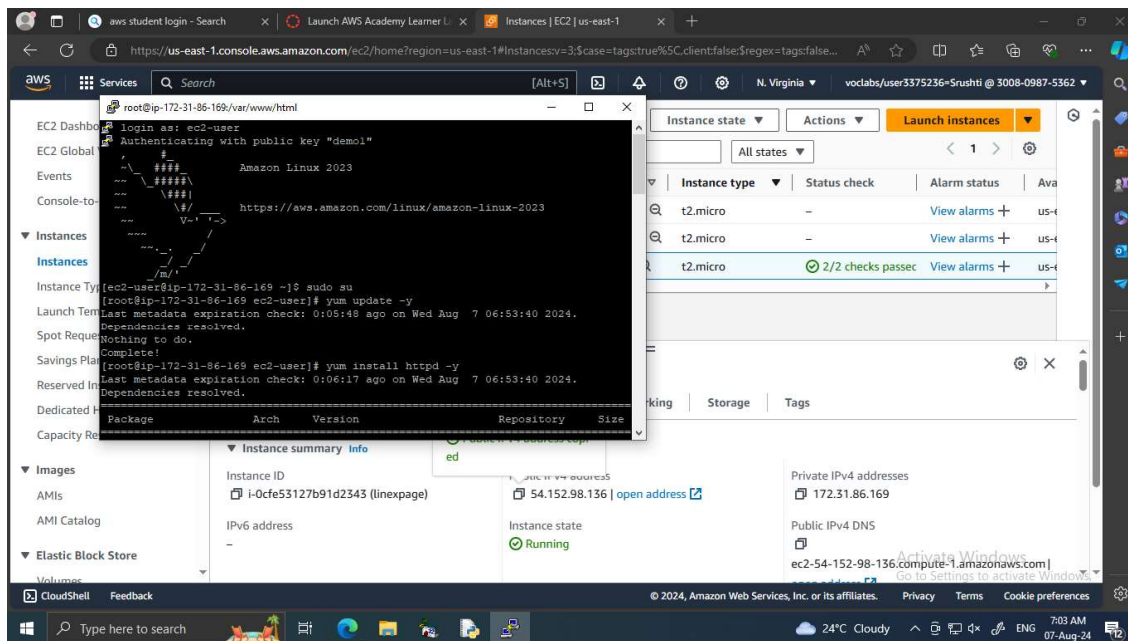
6. `$echo "welcome to page">index.html`

7. `$ls`

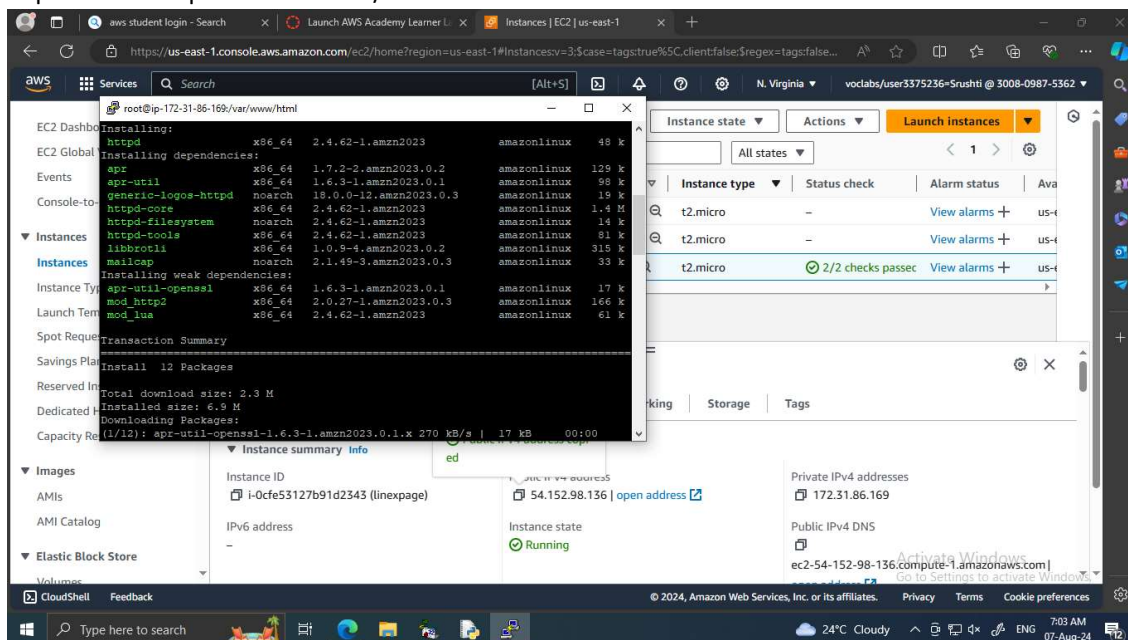
8. `$service httpd start`

9. `$chkconfig httpd on`





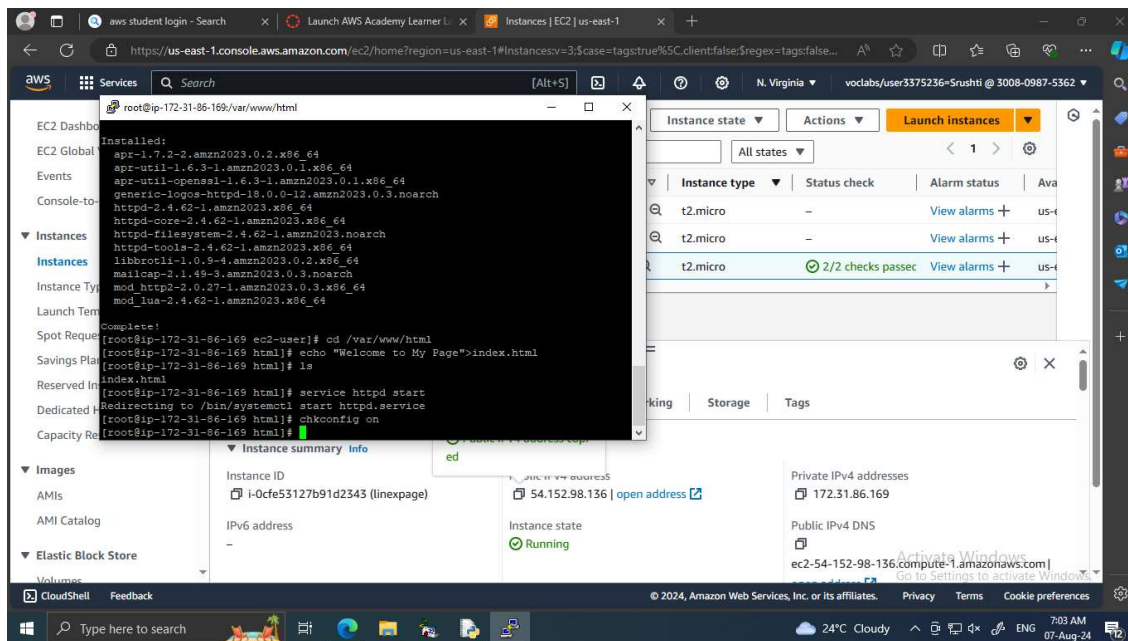
/*We are using an Apache server in this practical so for that we need to install httpd to run apache server.httpd is produced by Apache Foundation and it is a piece of software that listens for network requests and responds to them.*/



Go to Settings to activate Windows.

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7:03 AM
07-Aug-24



Step 10: Now go to instance page -> select your instance -> open the public IPv4 DNS of your instance in the browser.

