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Enrolment Number: **23CO315** (TE-B)

Practical 01

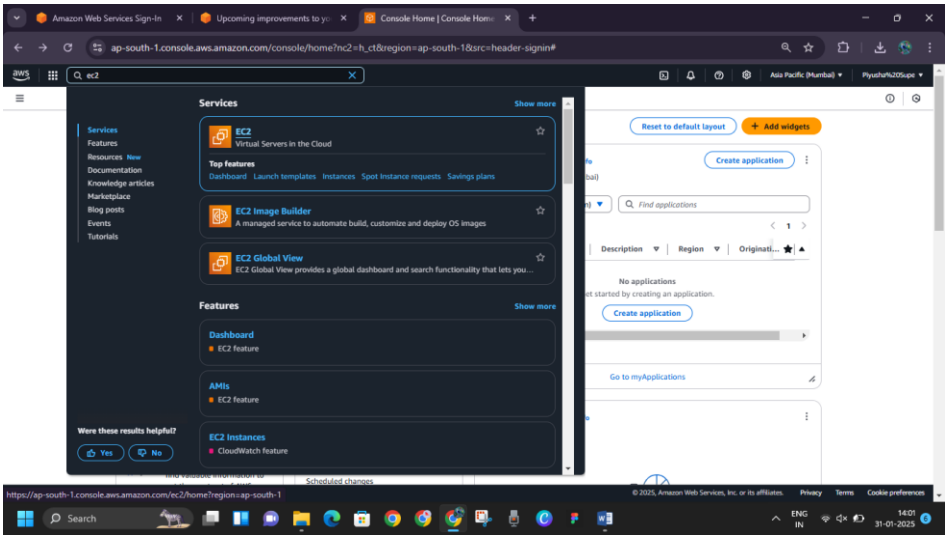
Aim: Launch an EC2 instance, create a server and host your website through it

The steps are as follows:

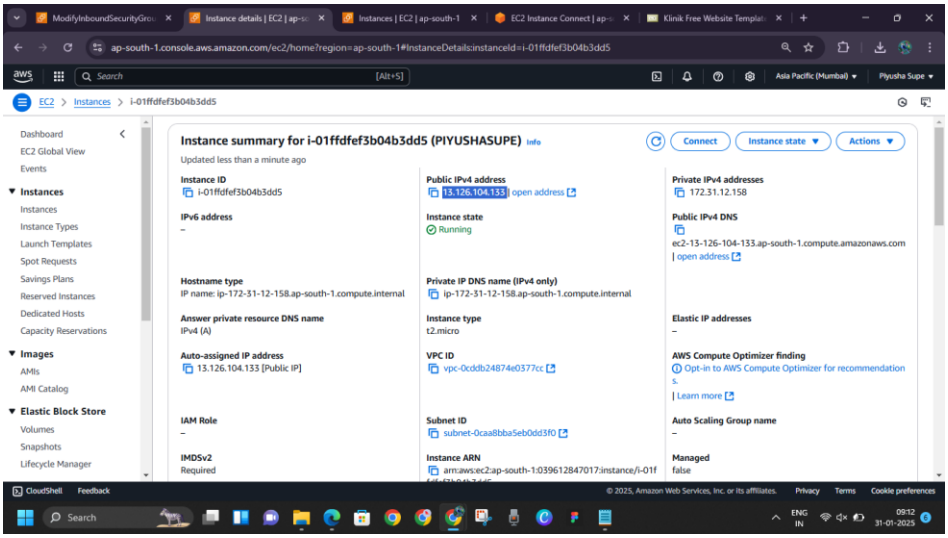
First let's create an instance for launching an OS on it, to create an instance simply navigate to Amazon EC2 console

METHOD 1: INSTALLING HTTPD SERVER AND HOSTING A WEBSITE

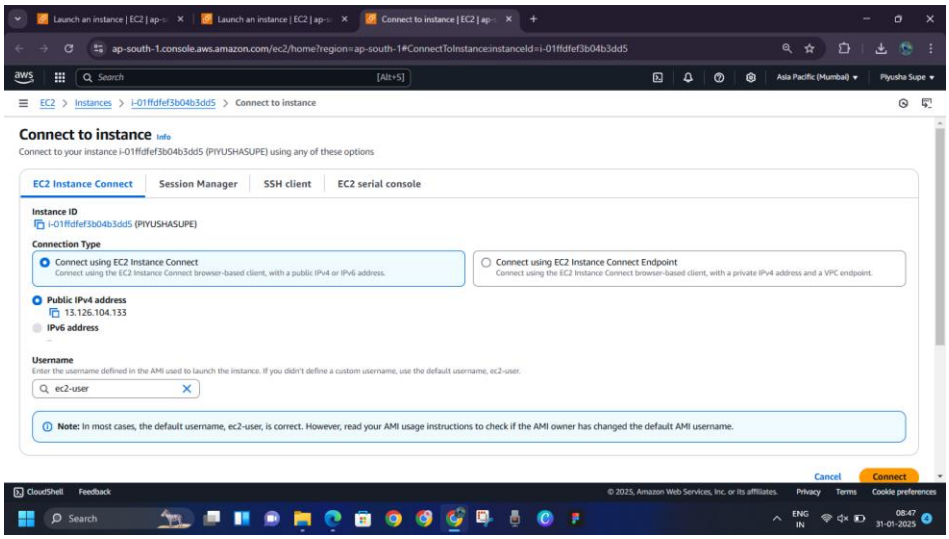
[1] Navigate to EC2 in the AWS Console



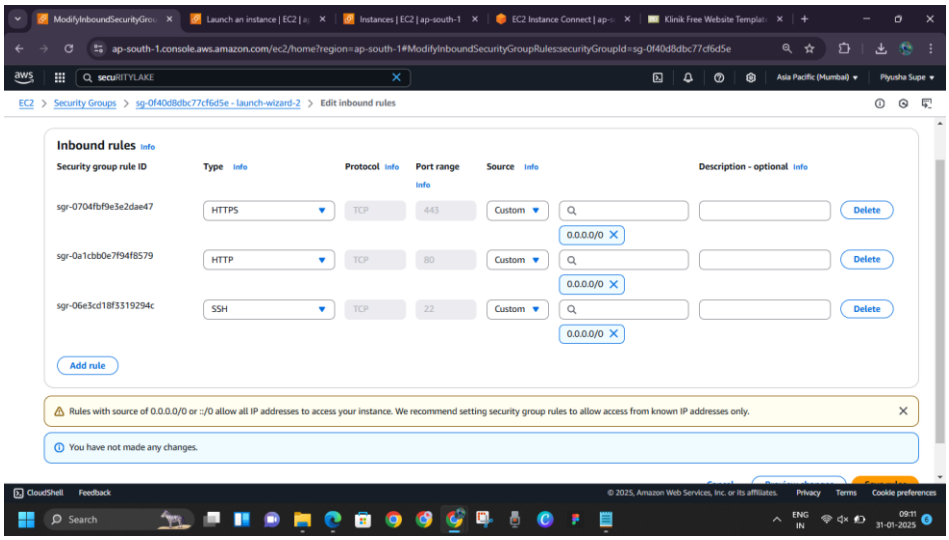
[2] Launch an instance



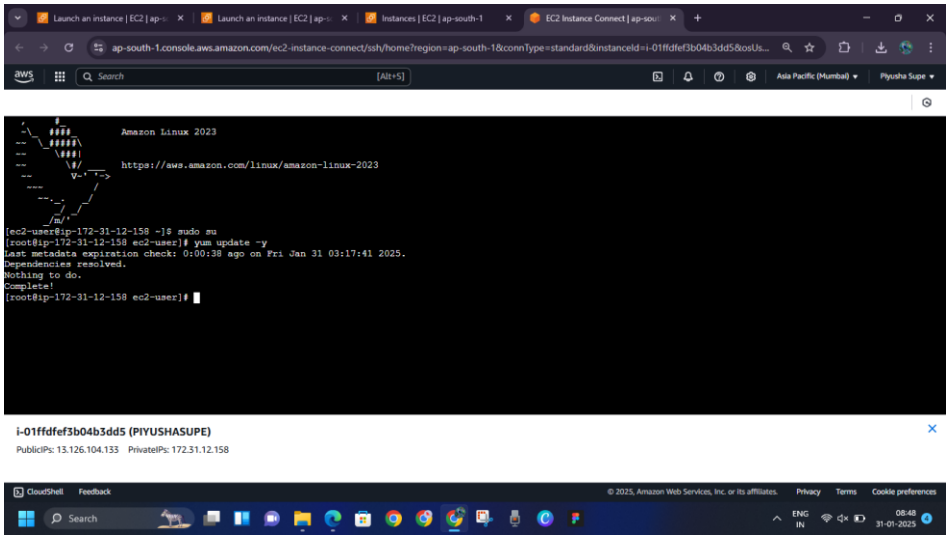
[3] Connect to your instance



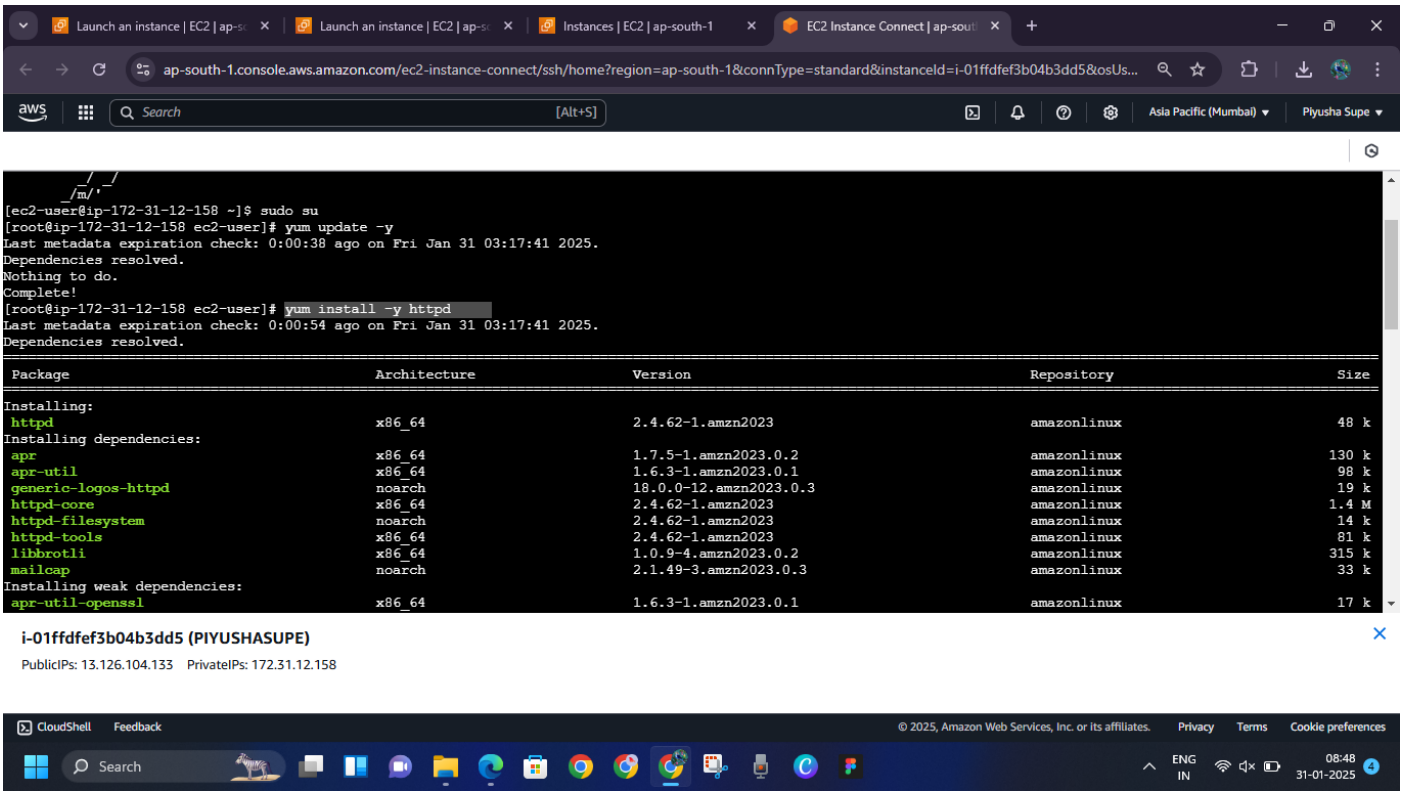
Edit inbound rules for instance



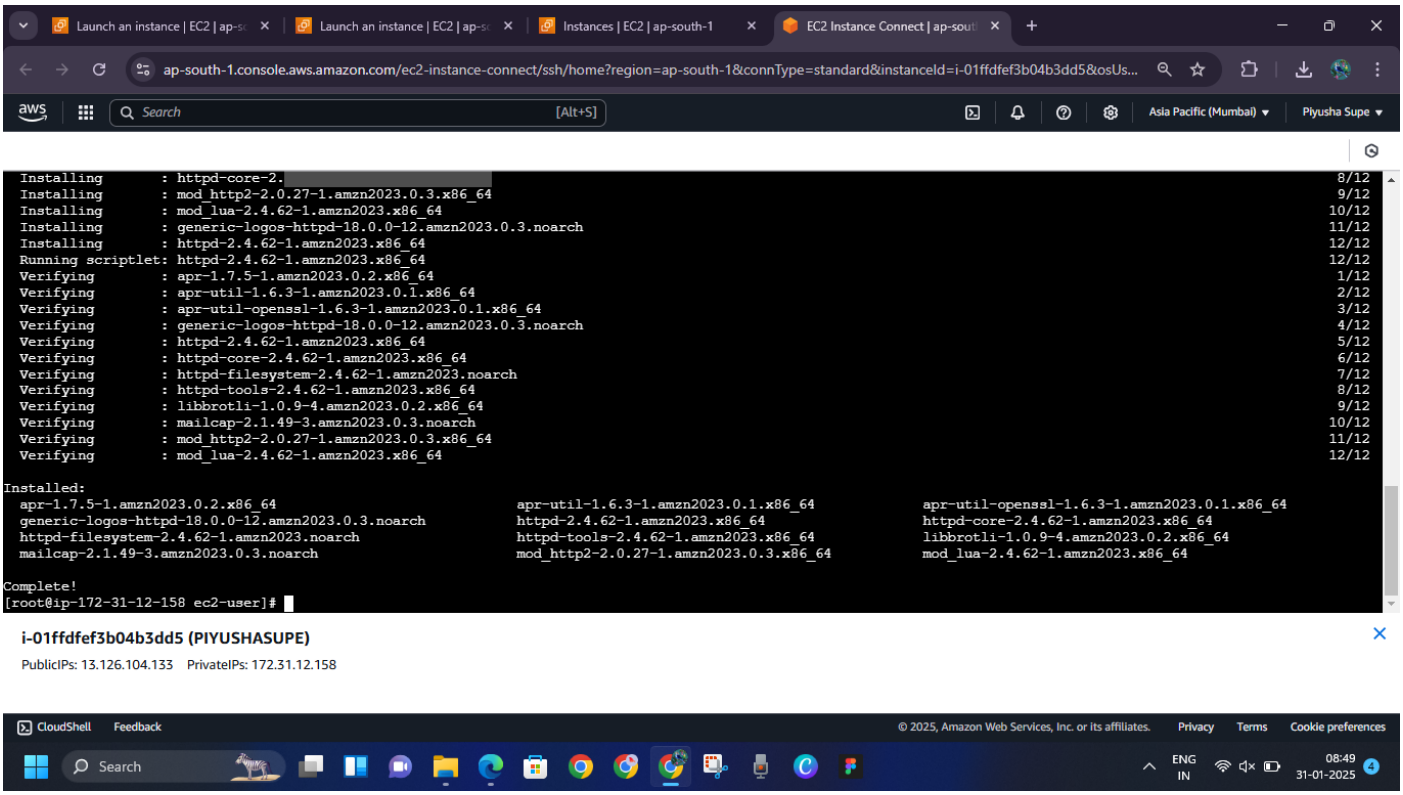
[4] Launch your connected instance



[5] Install the httpd server



[7] Installation looks like this



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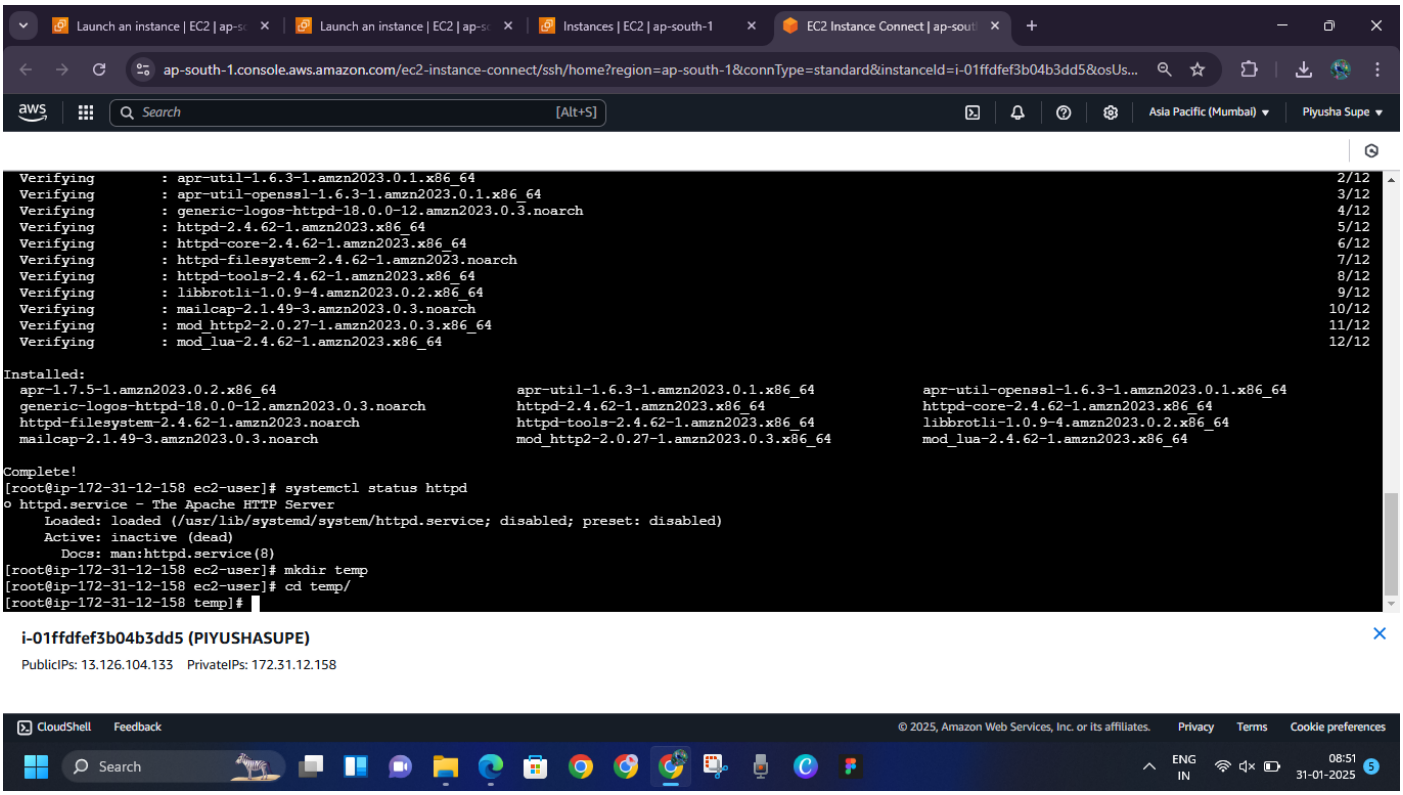
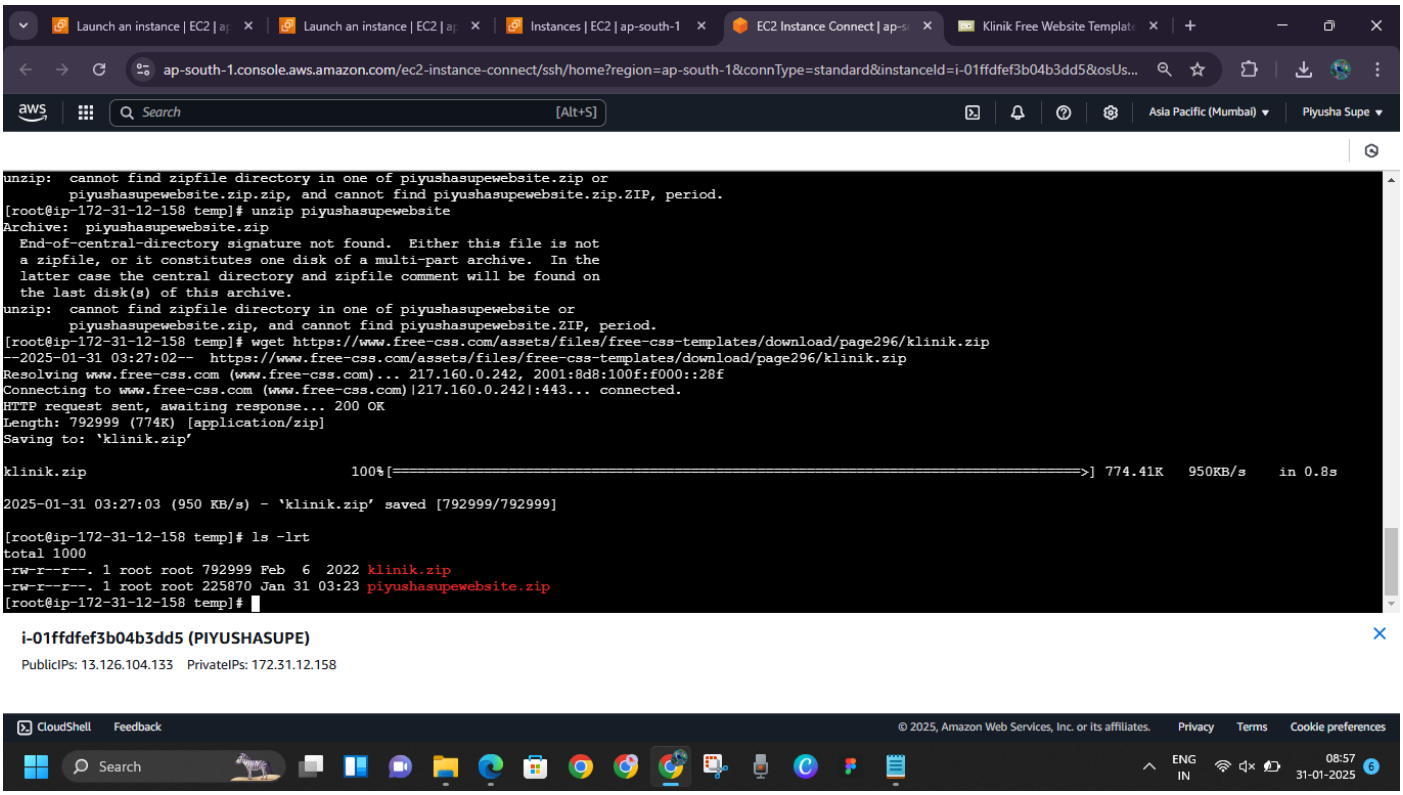
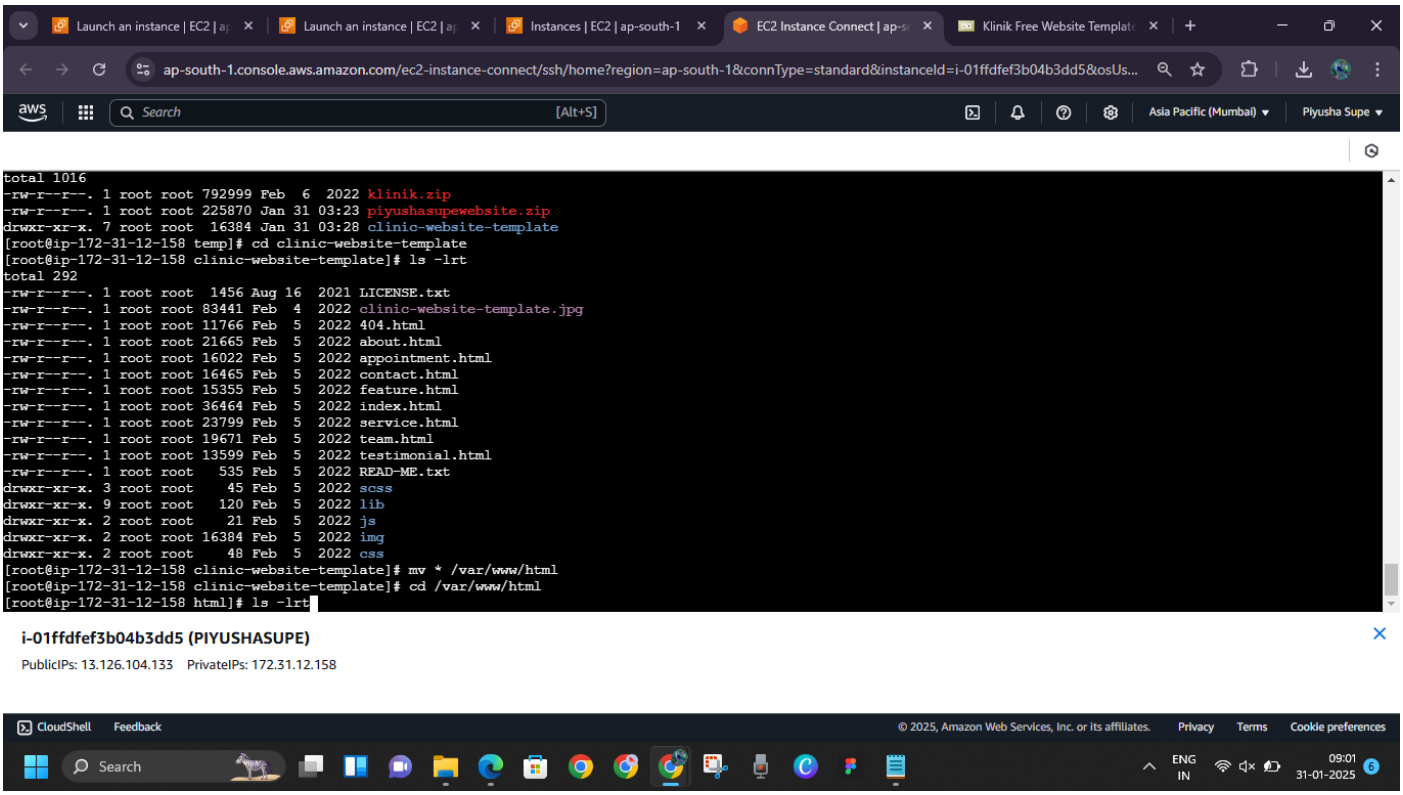
[8] Check the status and make a directory for example temp



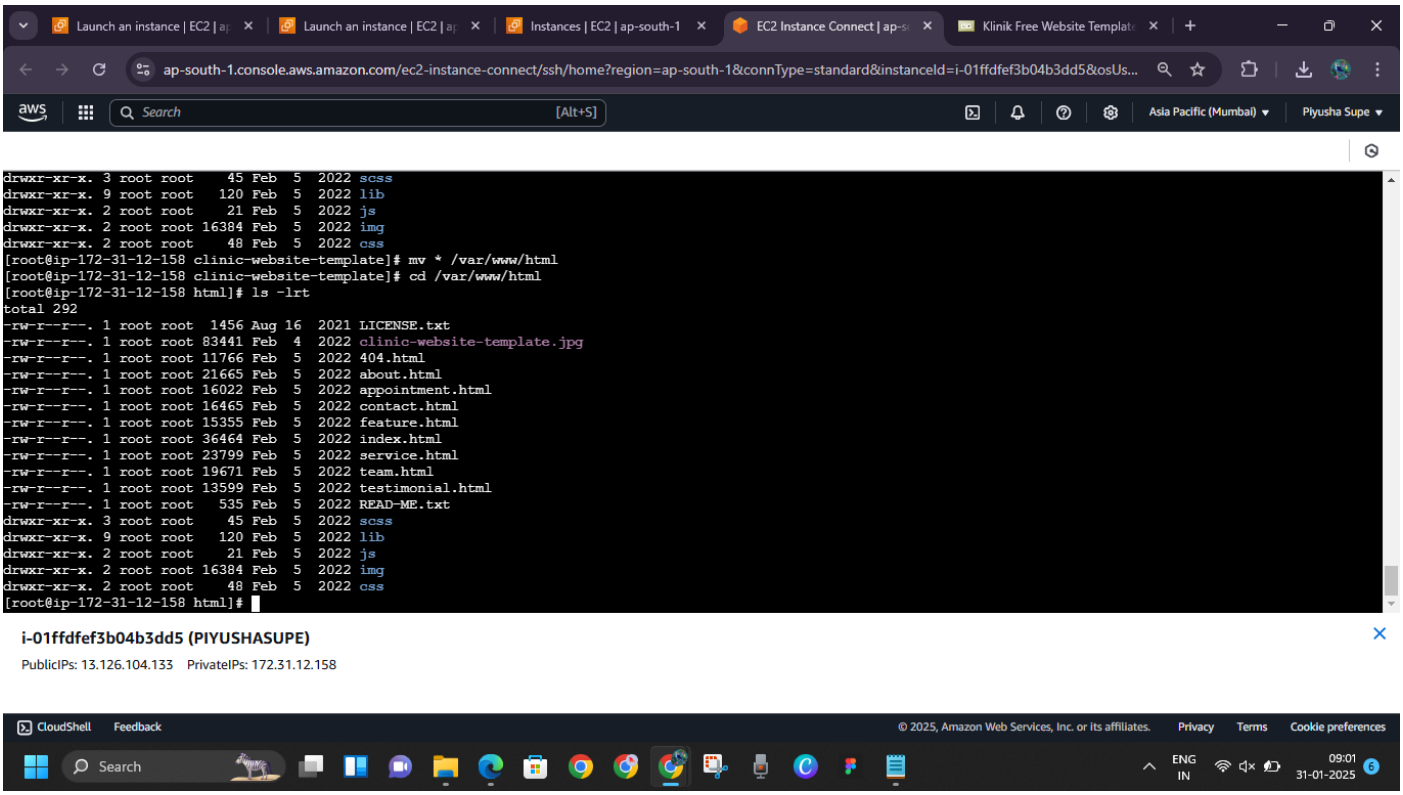
[9] Take the zip file of the default website which you want to host on the server



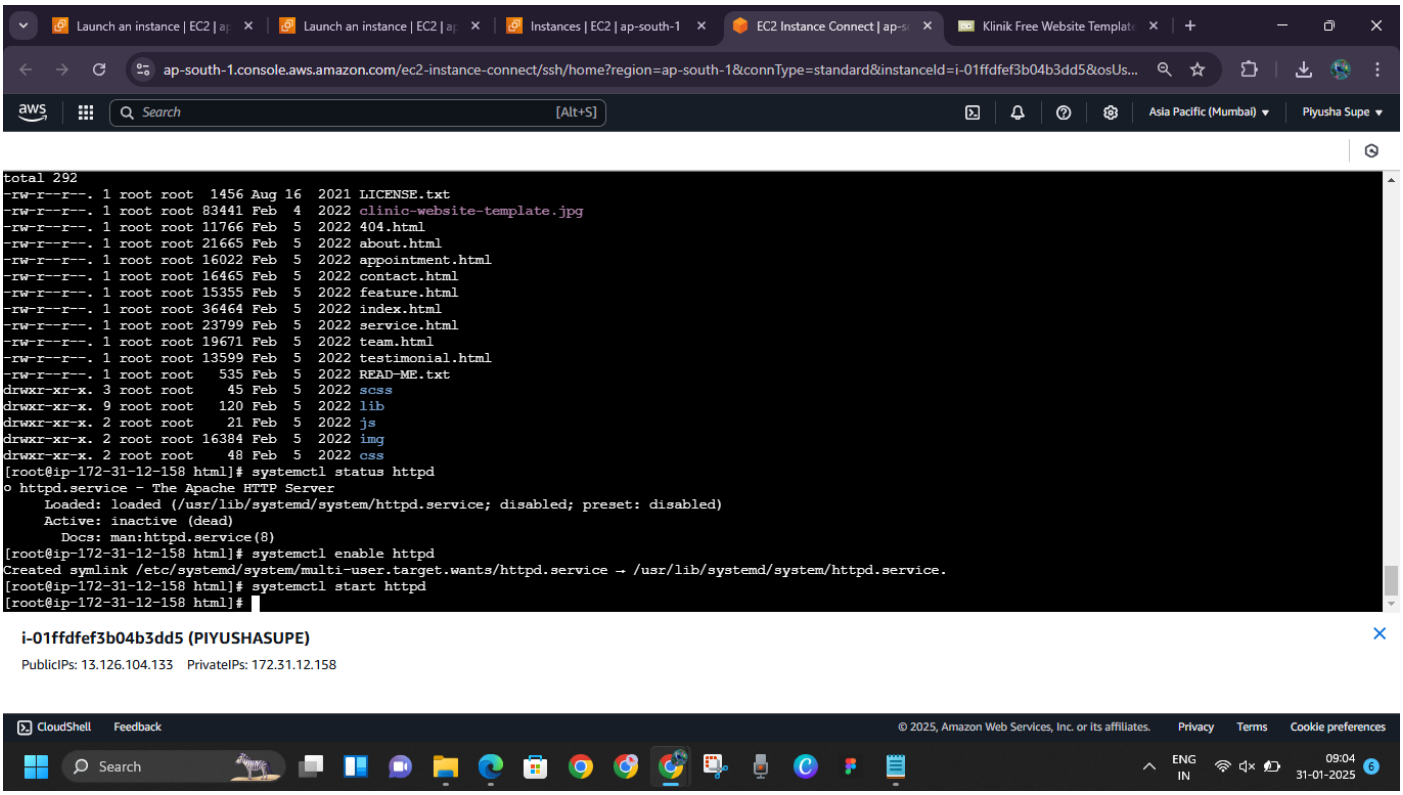
[10] Download the zip file and unzip it and check the contents of the folder



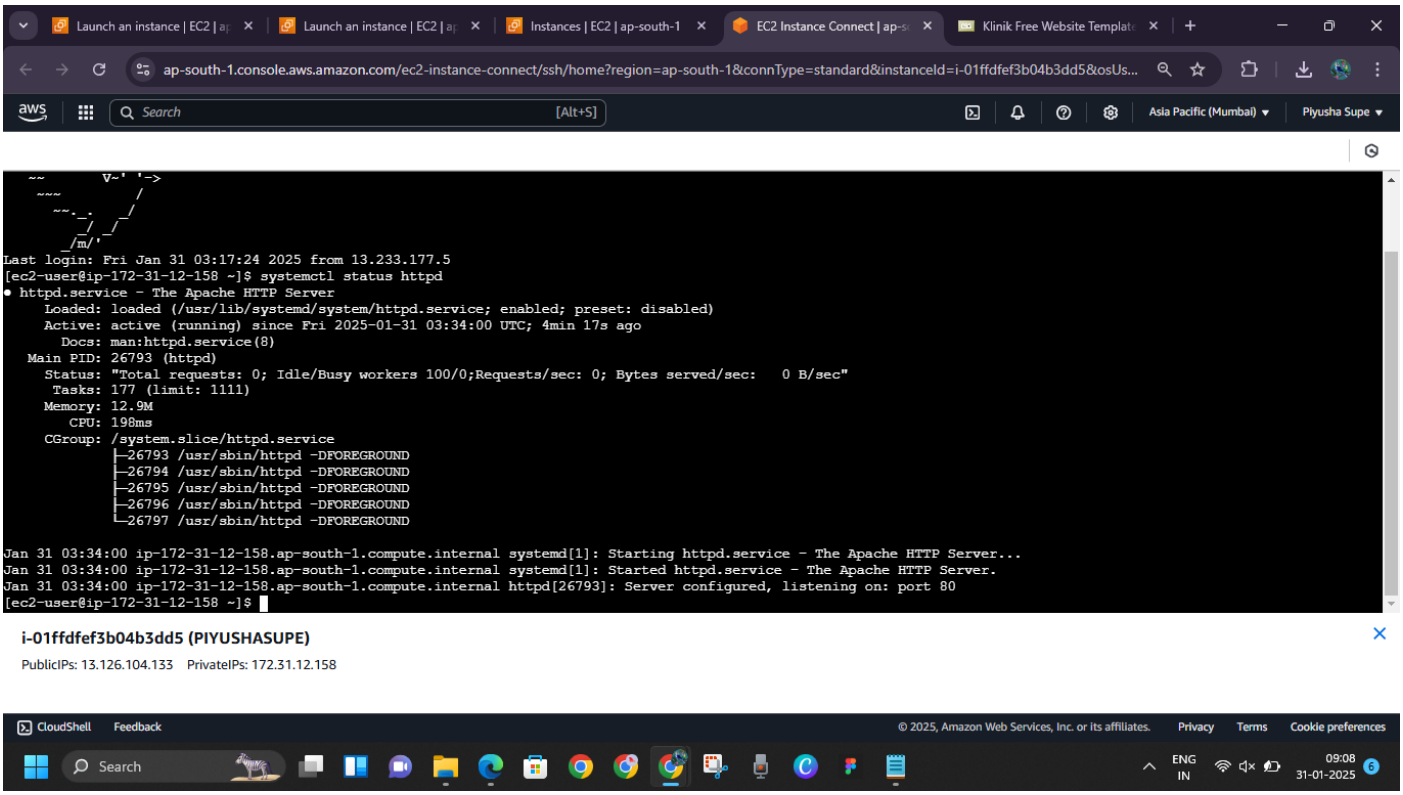
[11] Move to the server folders



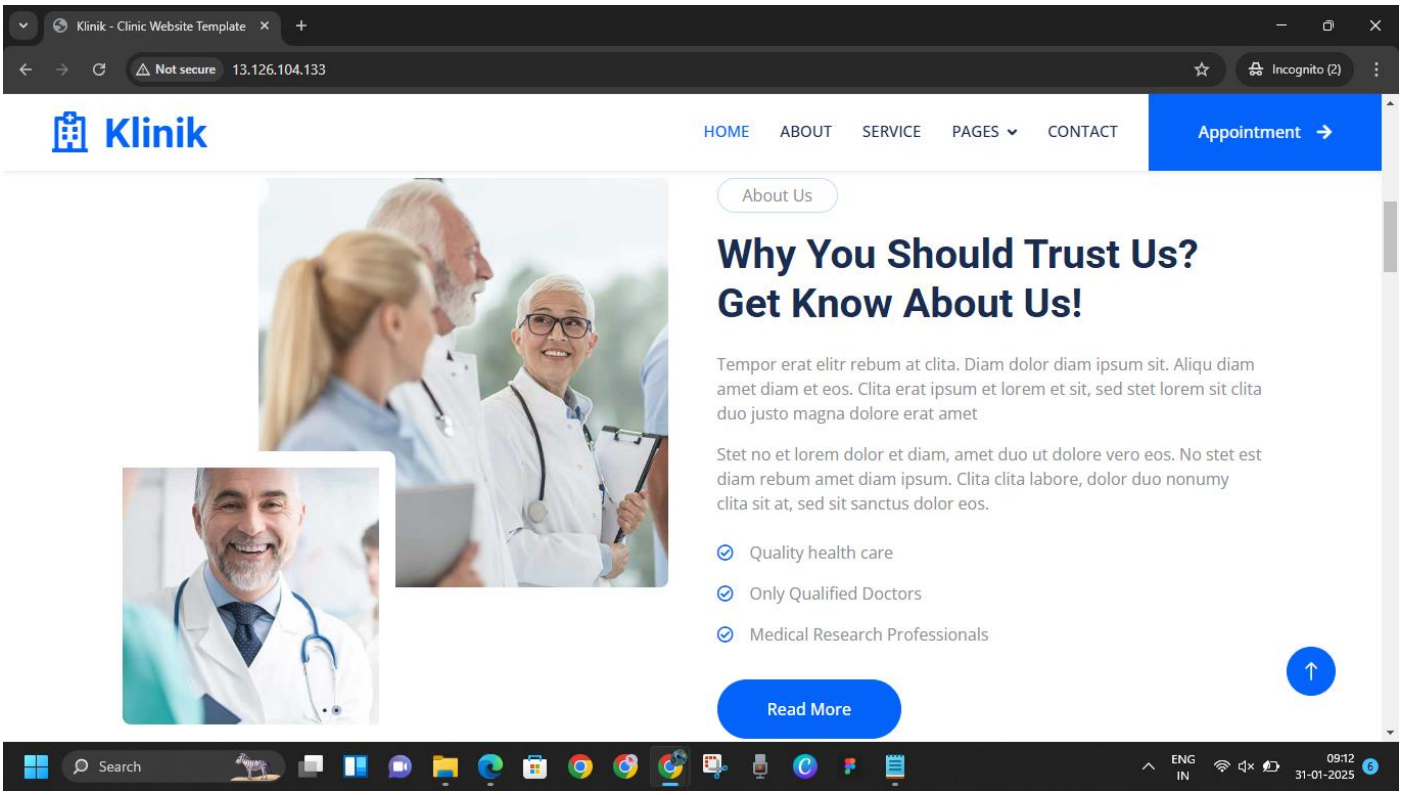
[12] Enable server and check again if the server is started



[13] When started successfully it will show active (running)

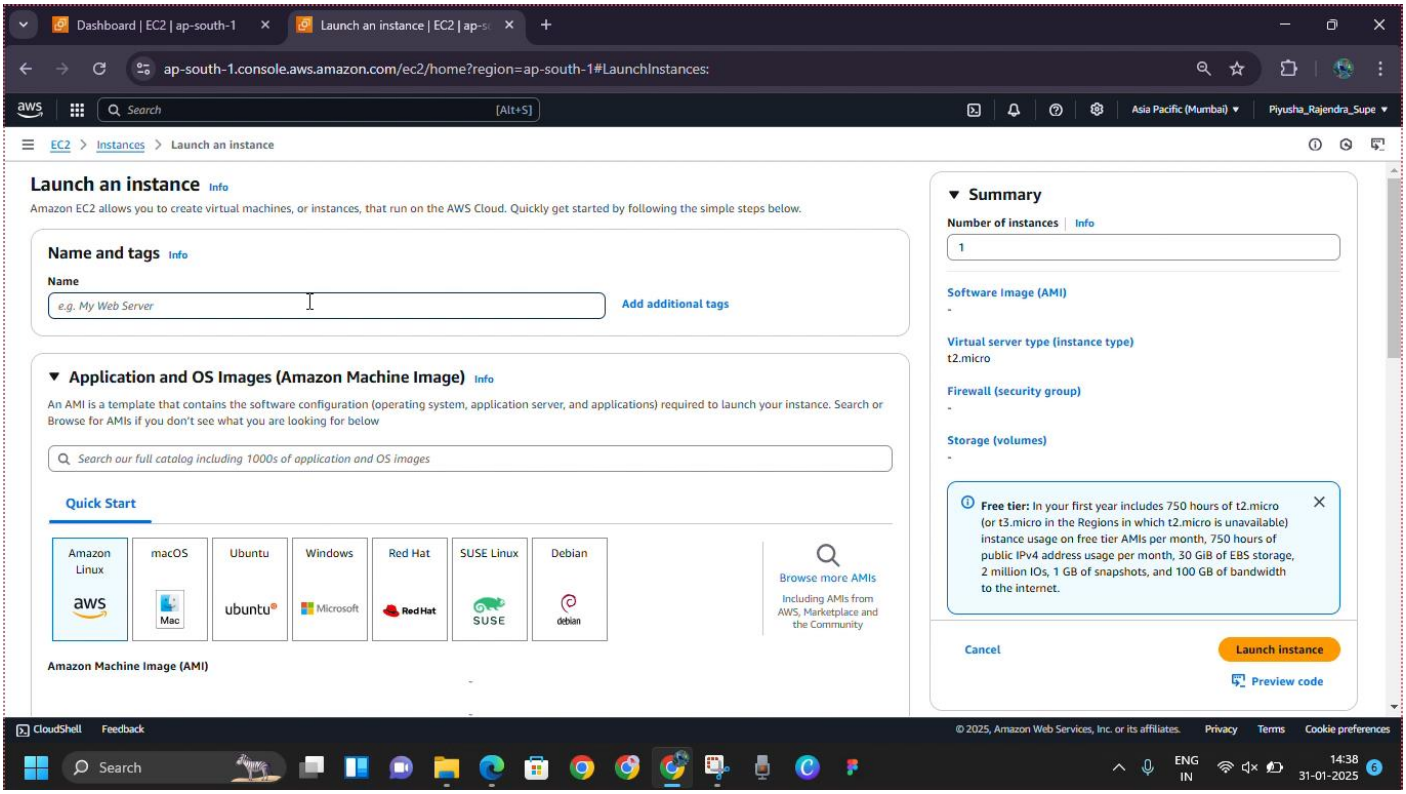


[14] Now only copy the IP address of the instances public IP and access your website

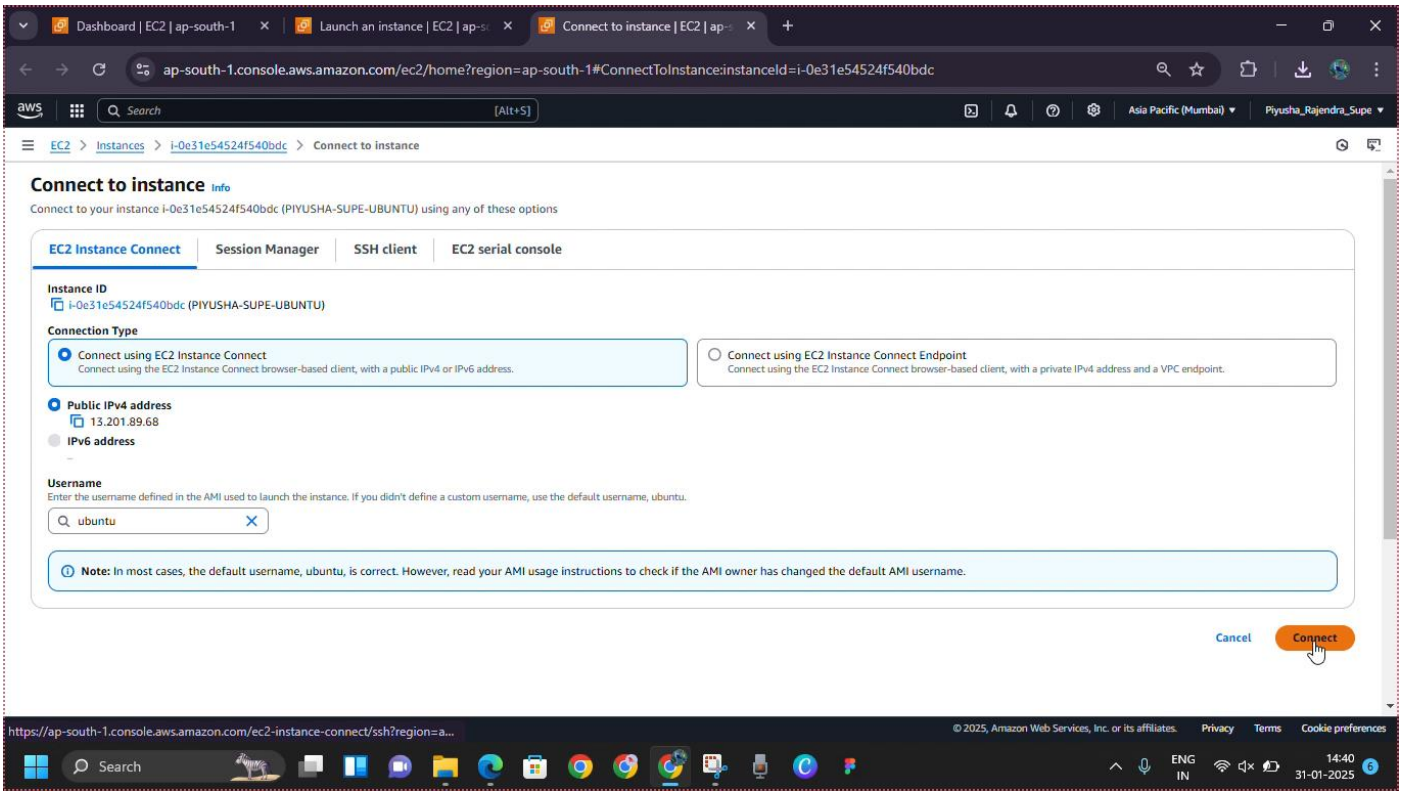


METHOD 2: USING UBUNTU FOR LAUNCHING APACHE SERVER

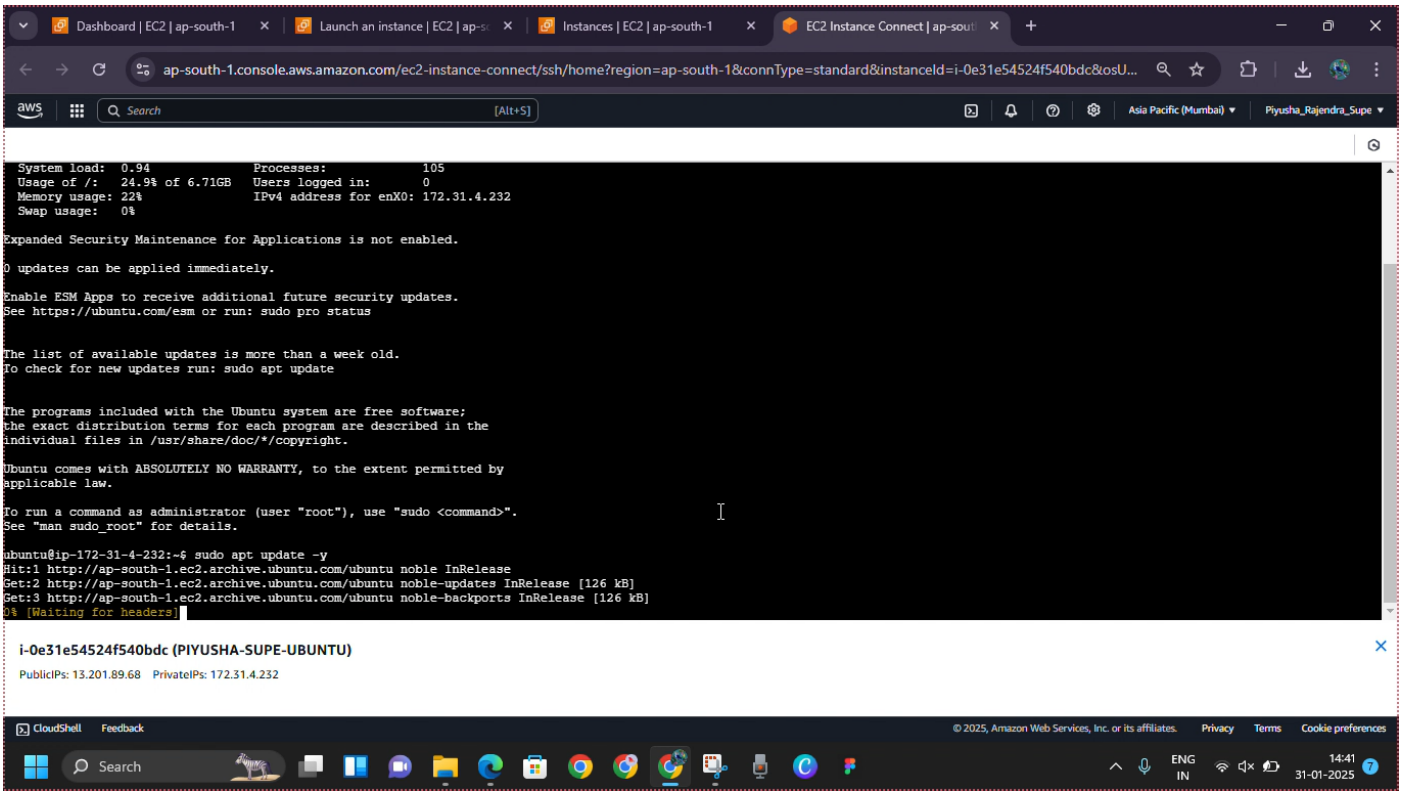
[1] Launch an instance first



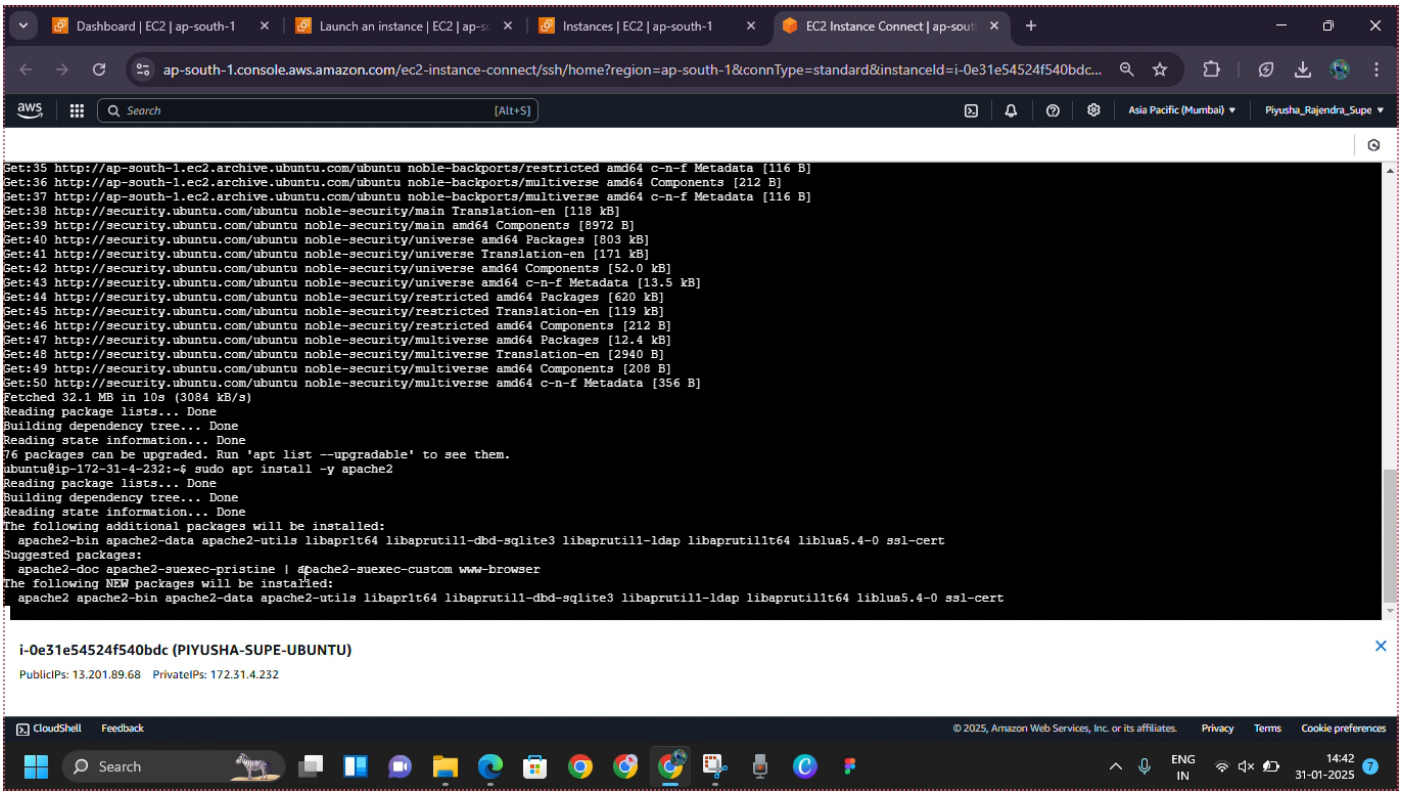
[2] Connect to your instance



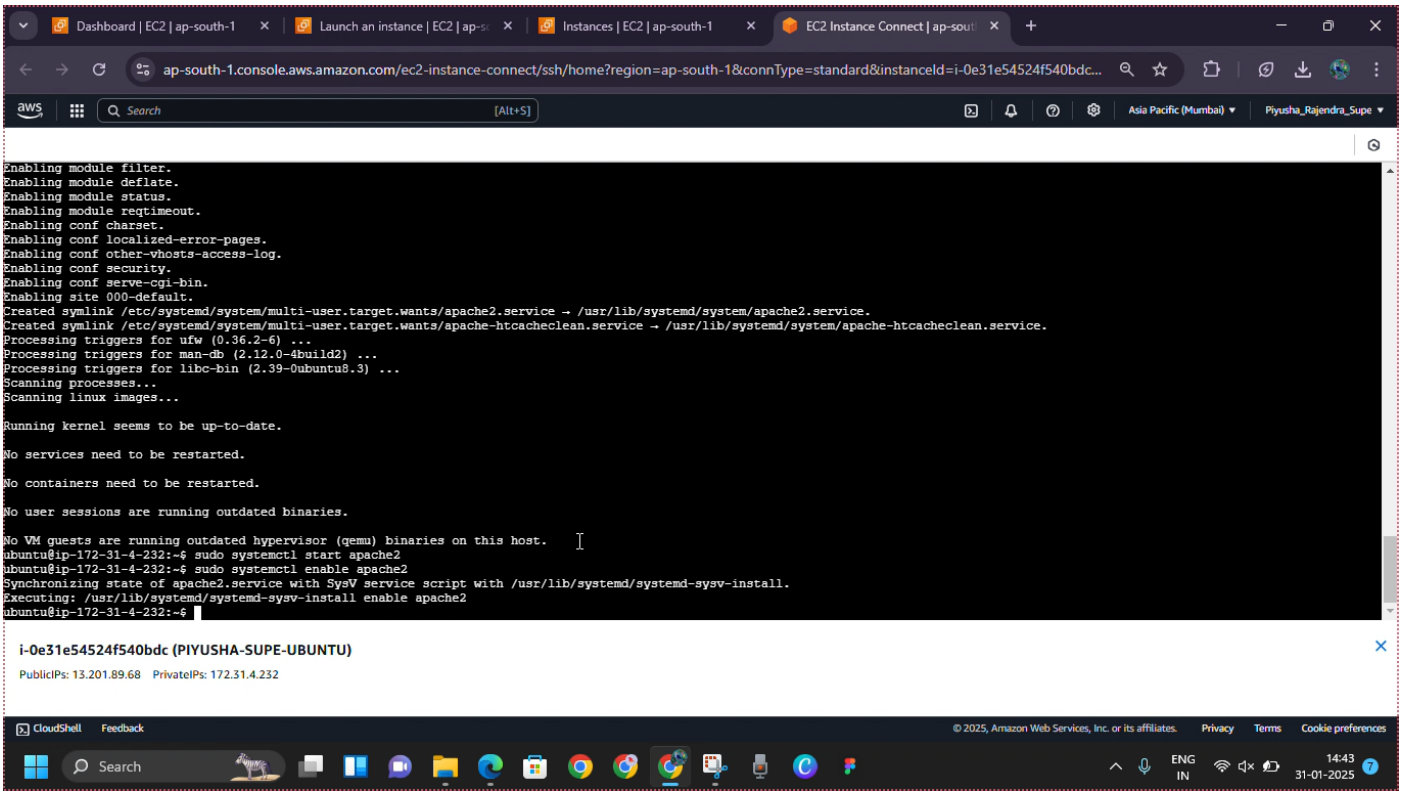
[3] Run command **sudo apt update -y**



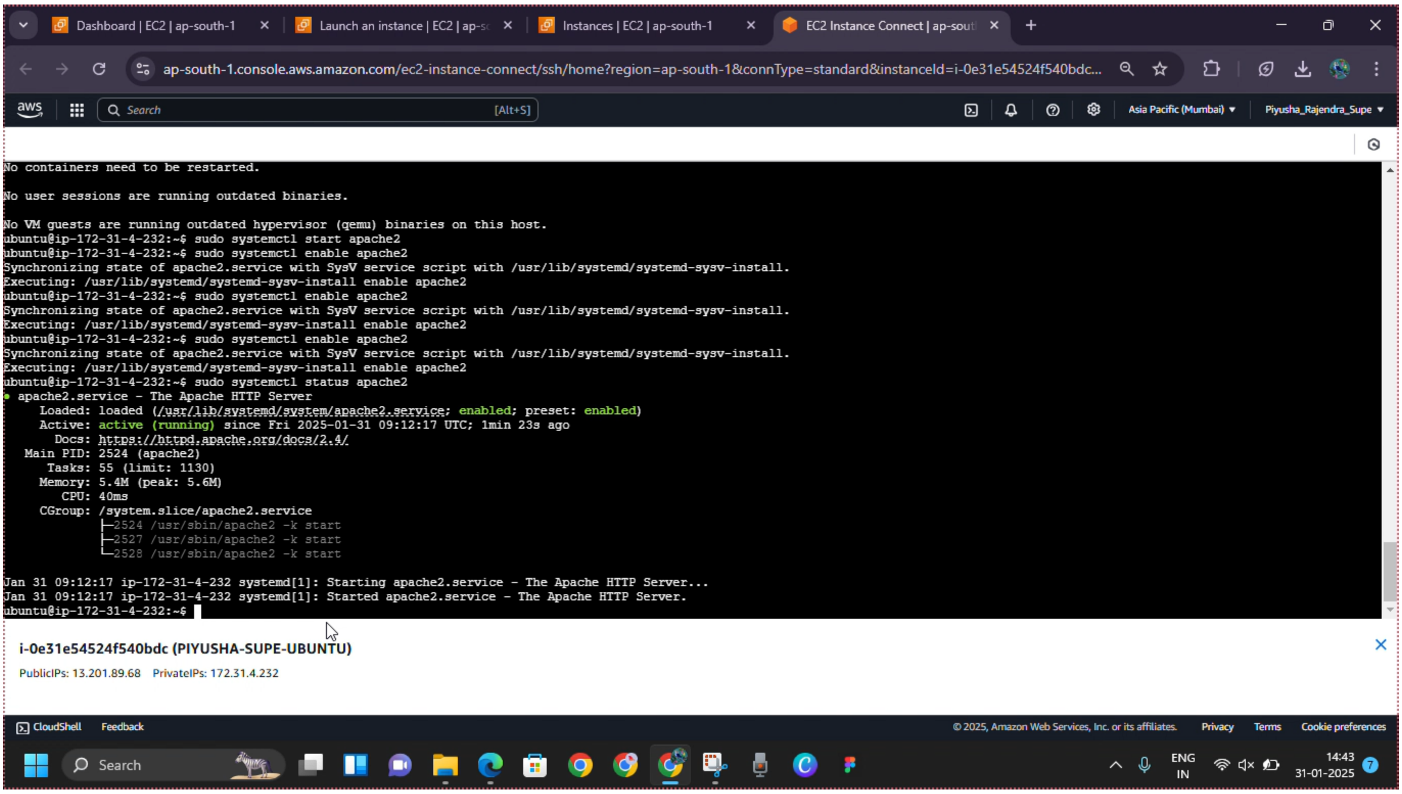
[4] sudo apt install –y apache2



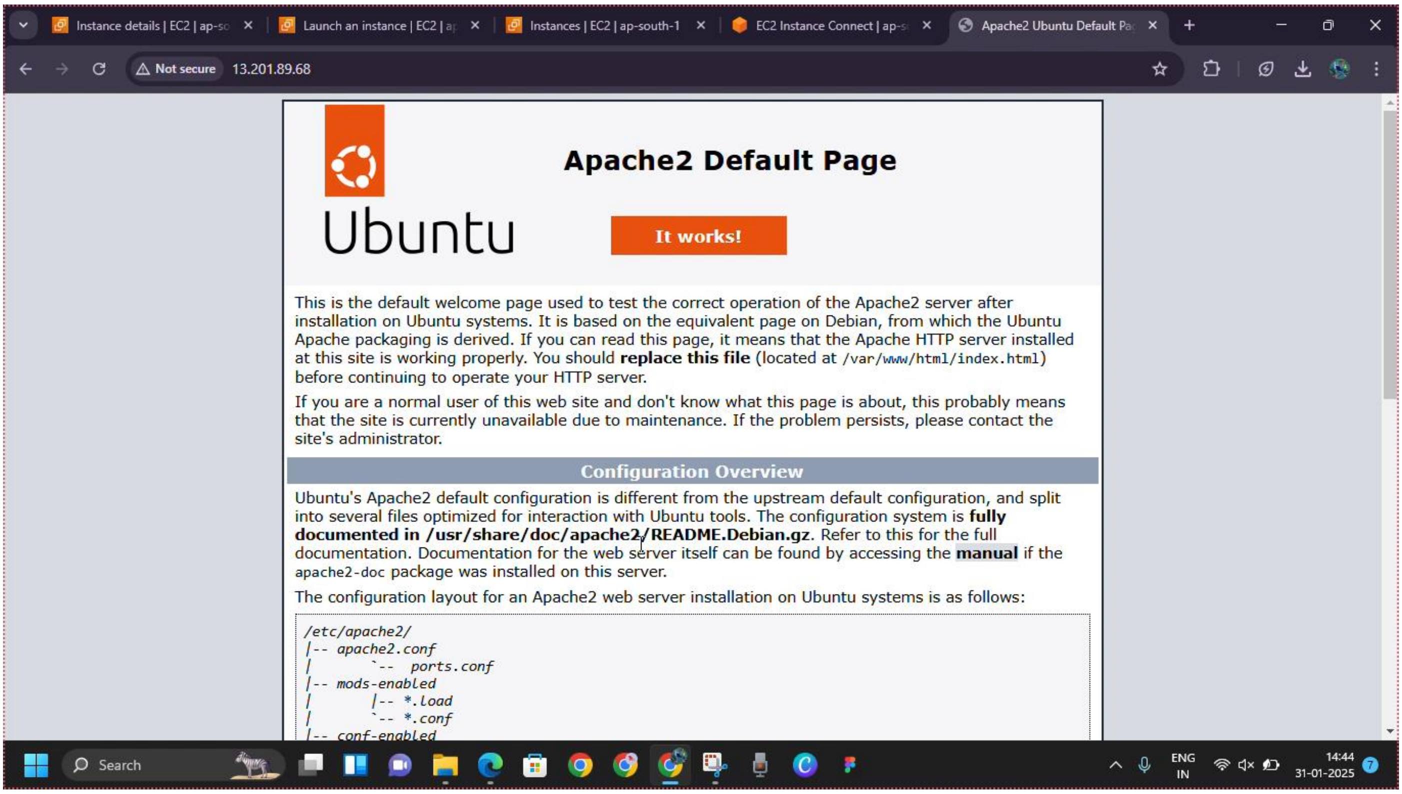
[5] Start and enable your apache2 server



[6] Check status of your server



[7] Now go to the public IP of your instance and then access the default page of your server



CONCLUSION: Thus I have successfully launched an EC2 instance and hosted webservers of httpd and apache2 with a website