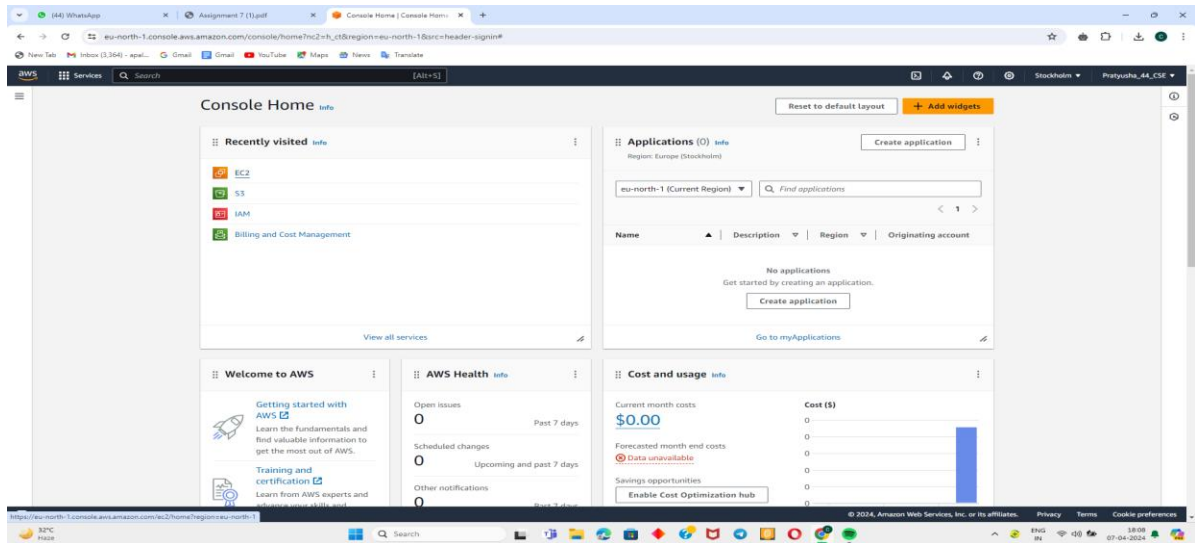


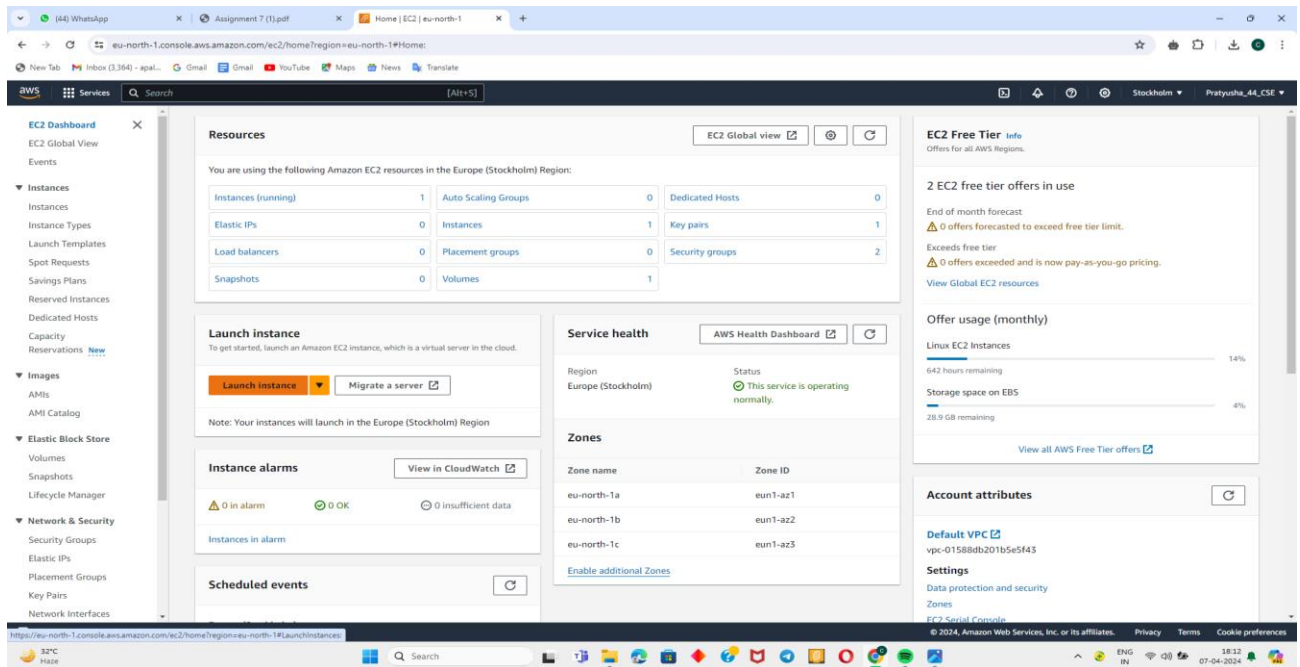
Assignment: 7

Problem Statement: Hosting a website on EC2.

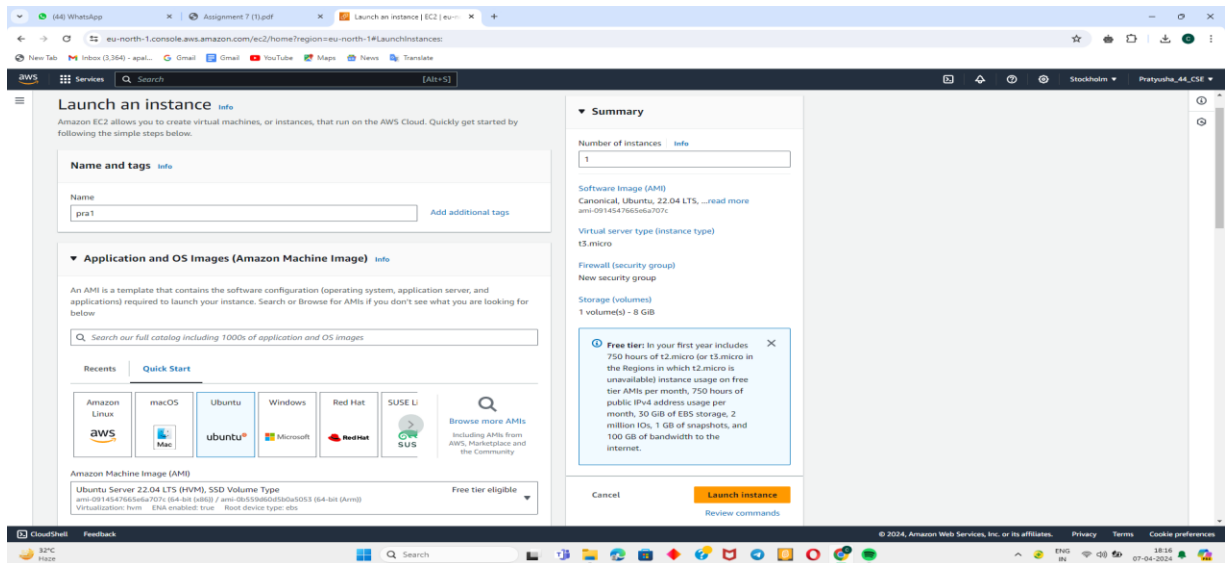
- **Step 1:** Create 3 static webpages using Html.
- **Step 2:** Click on the EC2 button.



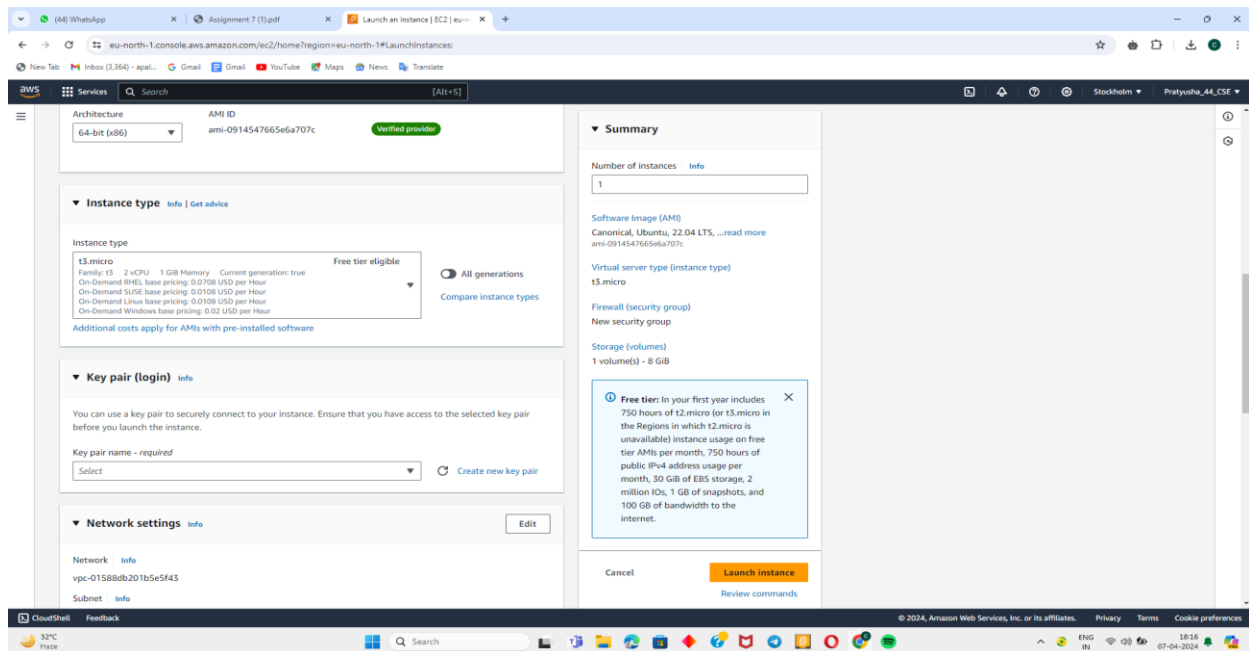
- **Step 3:** click on launch instance



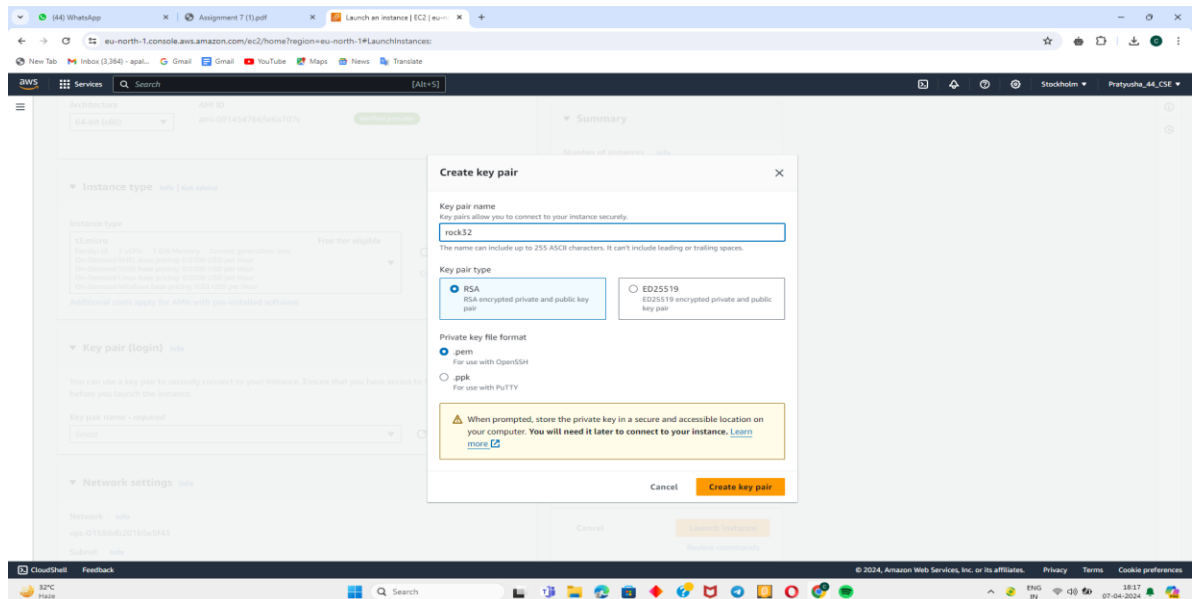
- Step 4: Give a name to the instance and select “Ubuntu”.



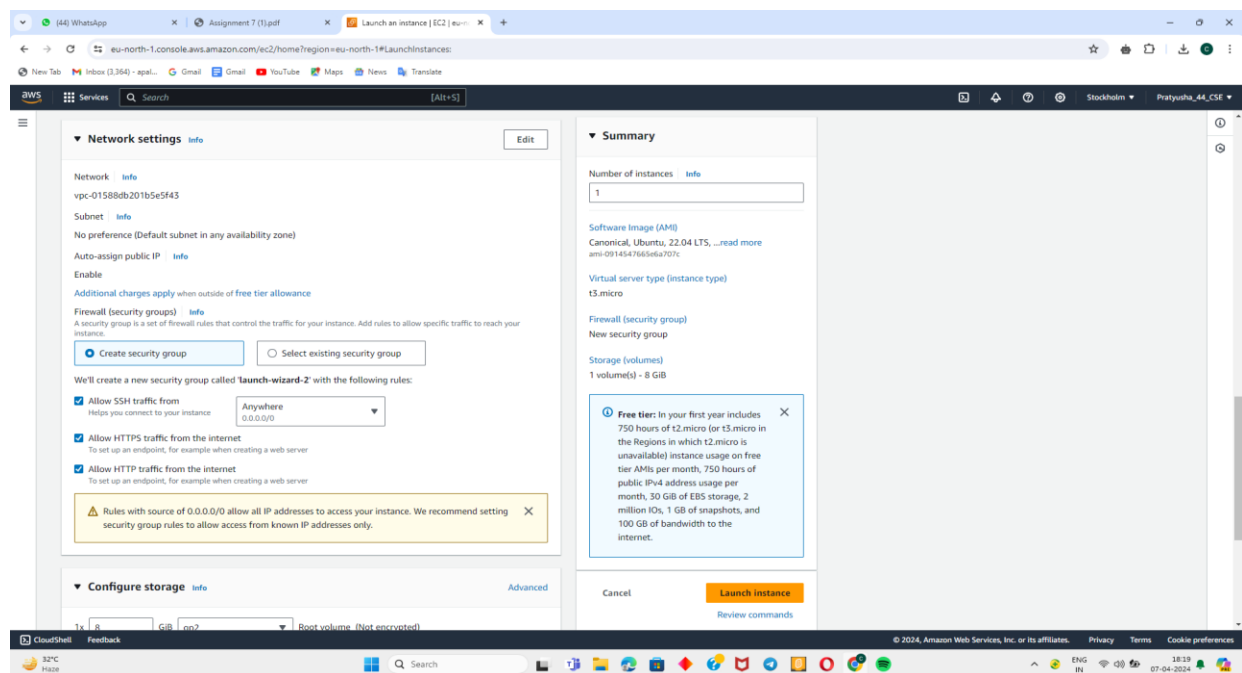
- Step 5: Create a new key pair by clicking on the “Create New Pair” button.



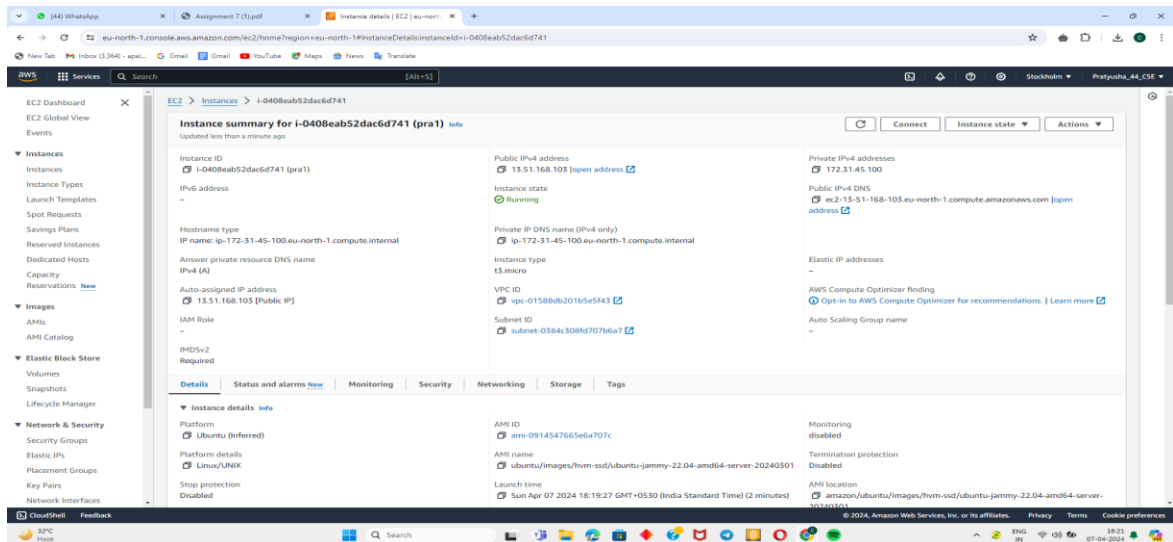
- Step 6: Give a name to the key pair and click on “Create new pair”.



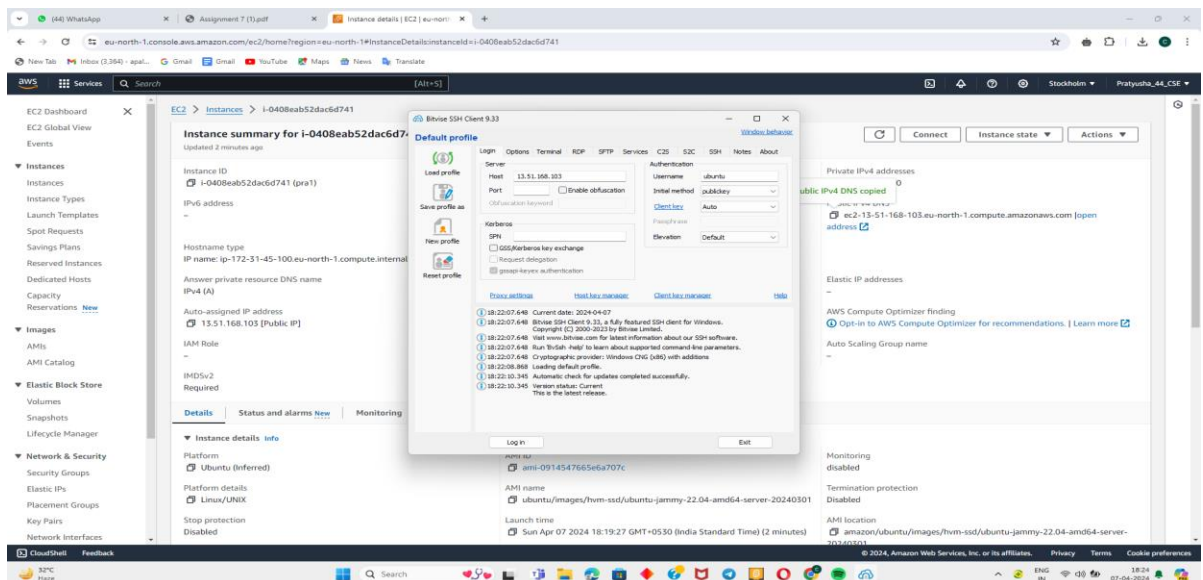
- Step 7: Select all the security options and click on “Launch instance”.



- Step 8: The new instance is created successfully. To enter the instance click on its id and copy “Public IPv4 Address”.

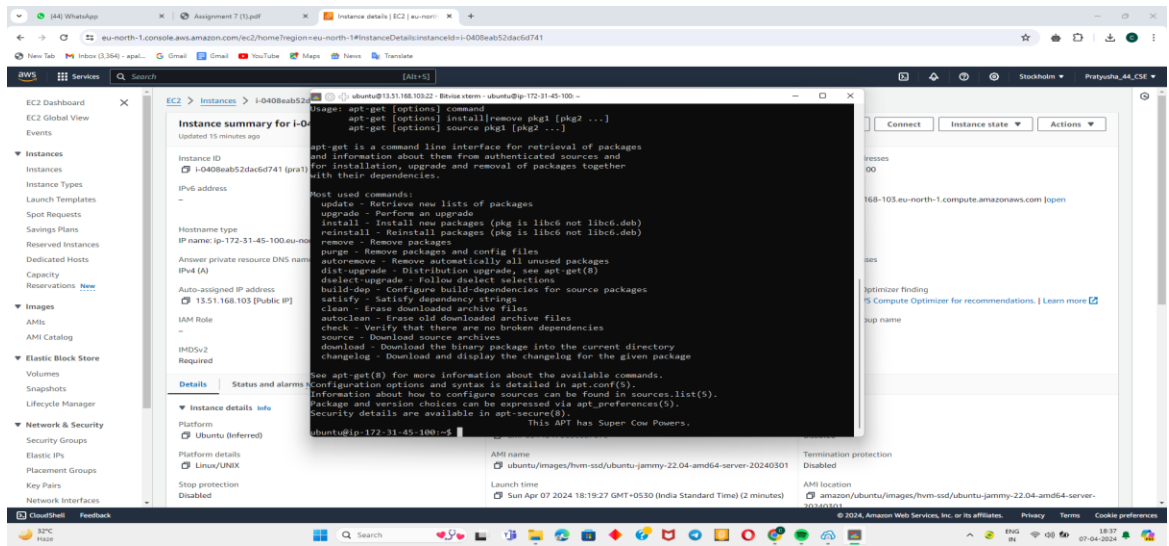


- Step 9: Paste the IPv4 Address under the host in Bitwise SSH and click on “Client key manager”

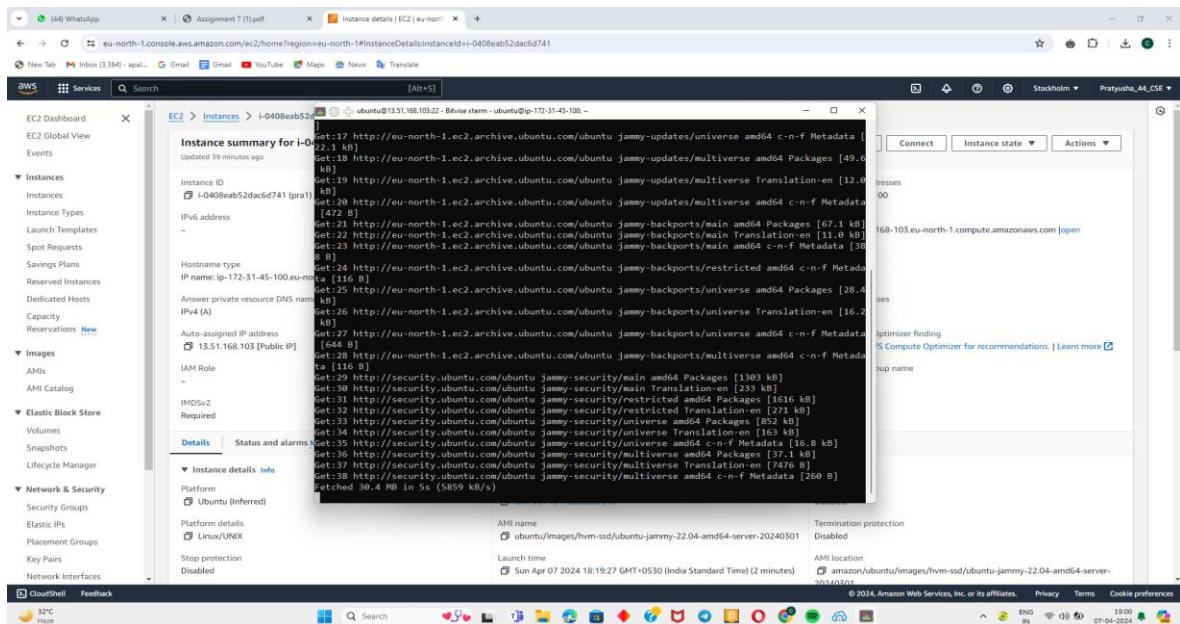


- Step 10: Click on the import button and select the key and click “Import”.

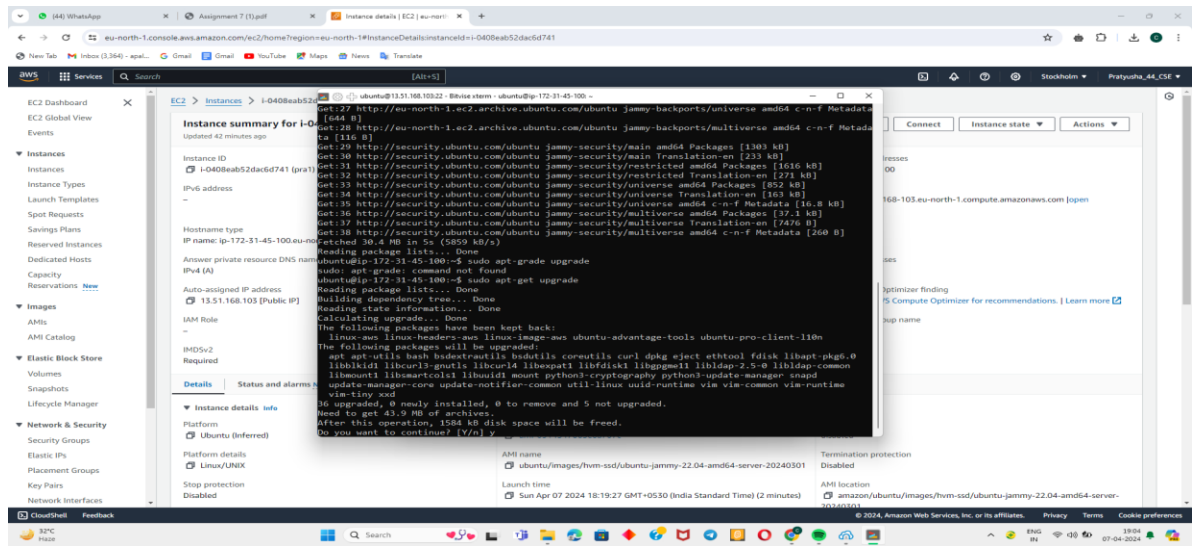
- Step 12: Now run the commands: Sudo apt-get update.



- Now run the command -- Sudo apt-get upgrade



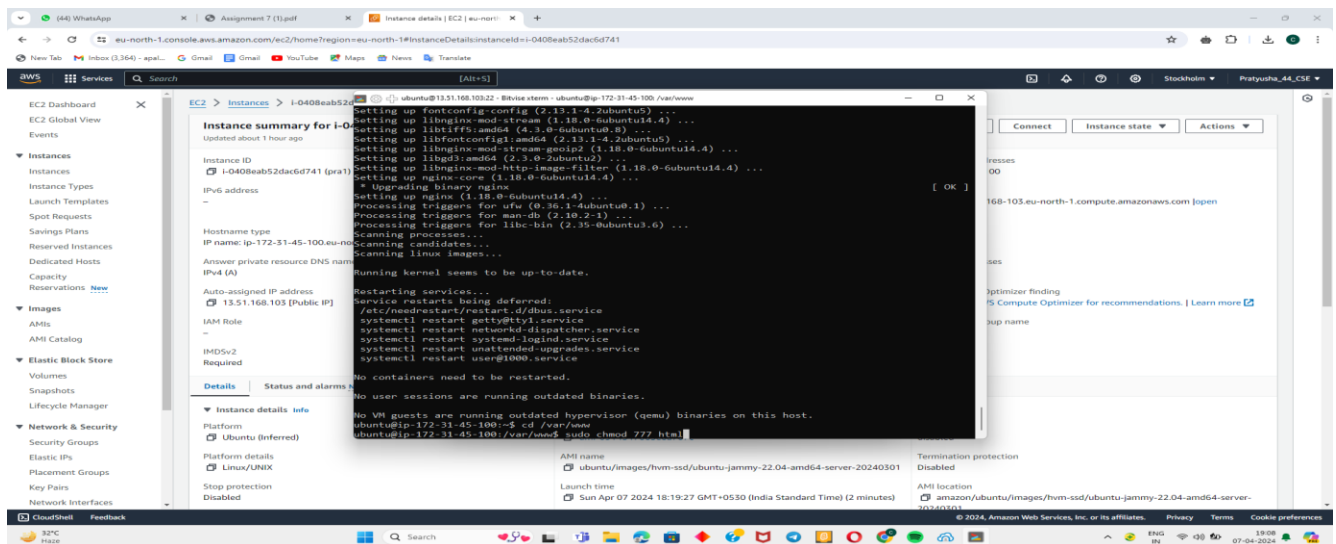
- Step 13: Now run the command -- Sudo apt-get install nginx



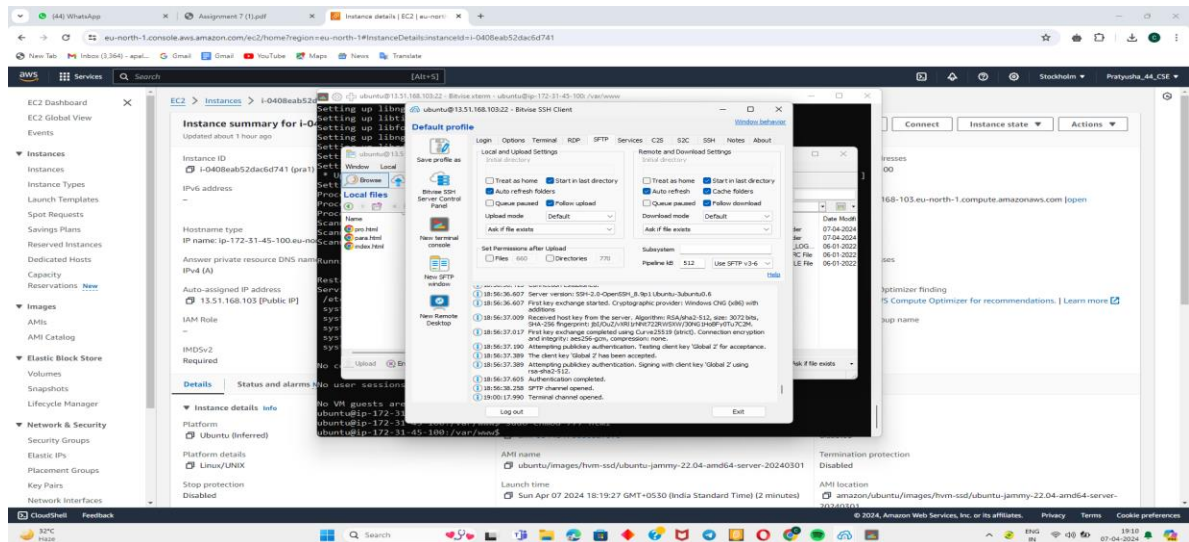
- Step 14: Now we need to access the contents of `/var/www/html` folder for this we need to modify the permissions of the folder using the following commands.

Cd /var/www

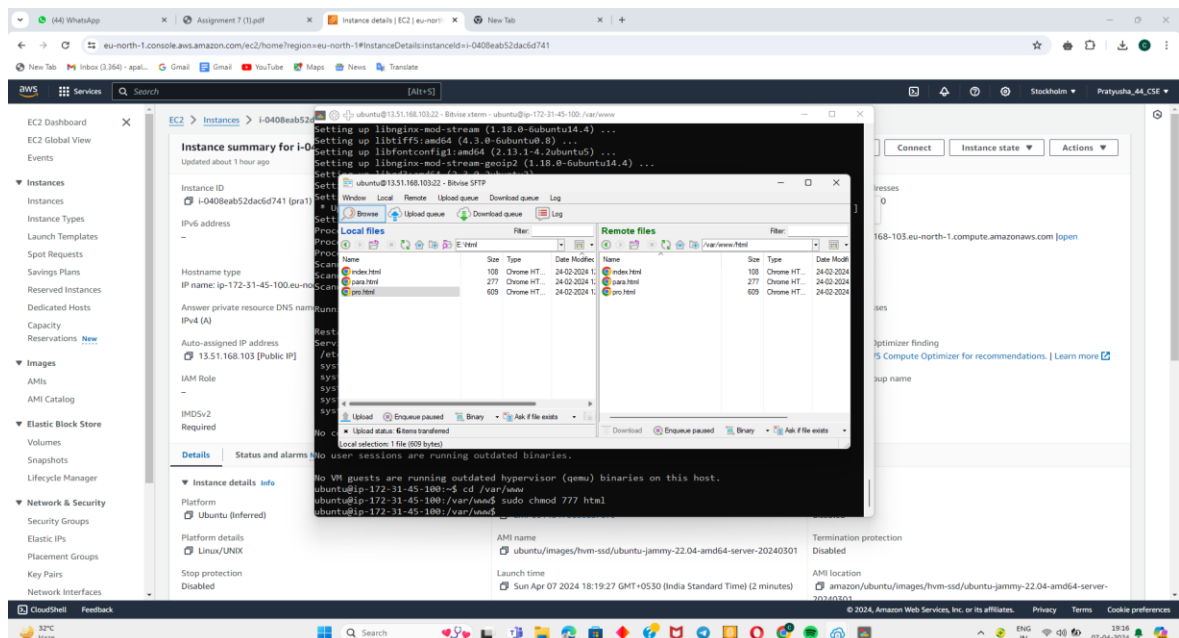
Sudo chmod 777 html



- Step 15: Now open a SFTP window by clicking “New SFTP window” in Bitwise client.



- Step 16: Now in the client side open the folder where html files for the websites are stored and in the server side open /var/www/html folder. Then drag all the required files from client side to the server side.



- Step 17: Now paste the Public IPv4 Address on a new window.

