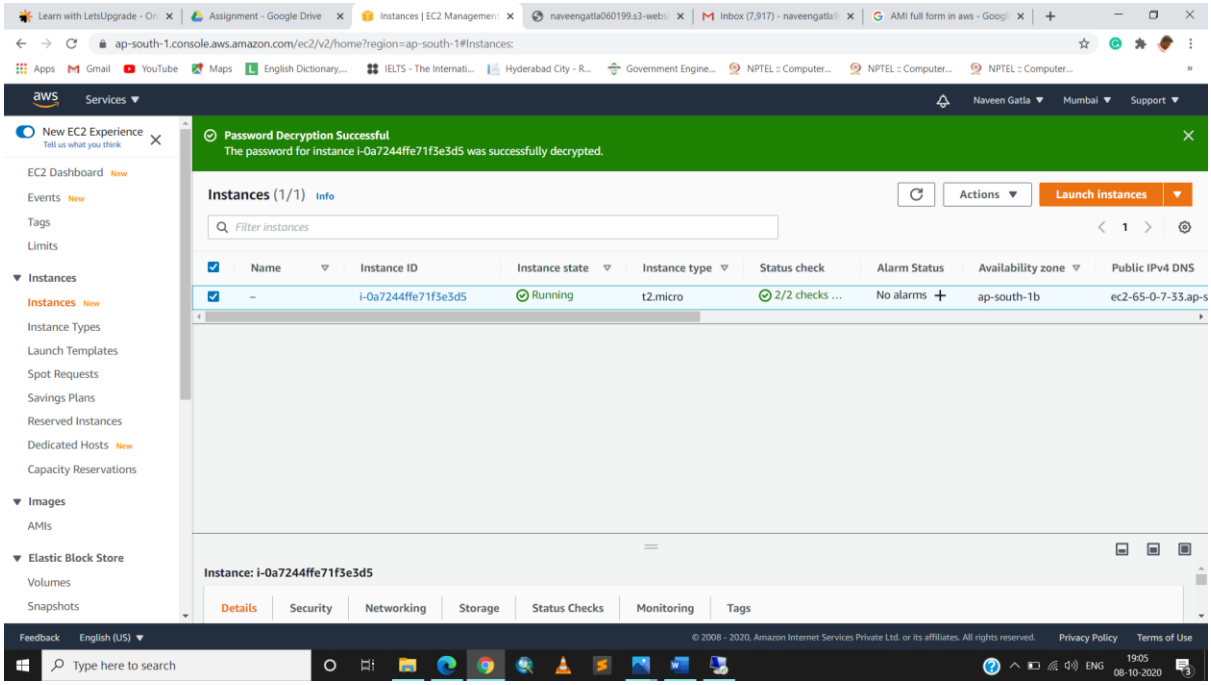
ASSIGNMENT – DAY 3&4 (03&04 OCT)

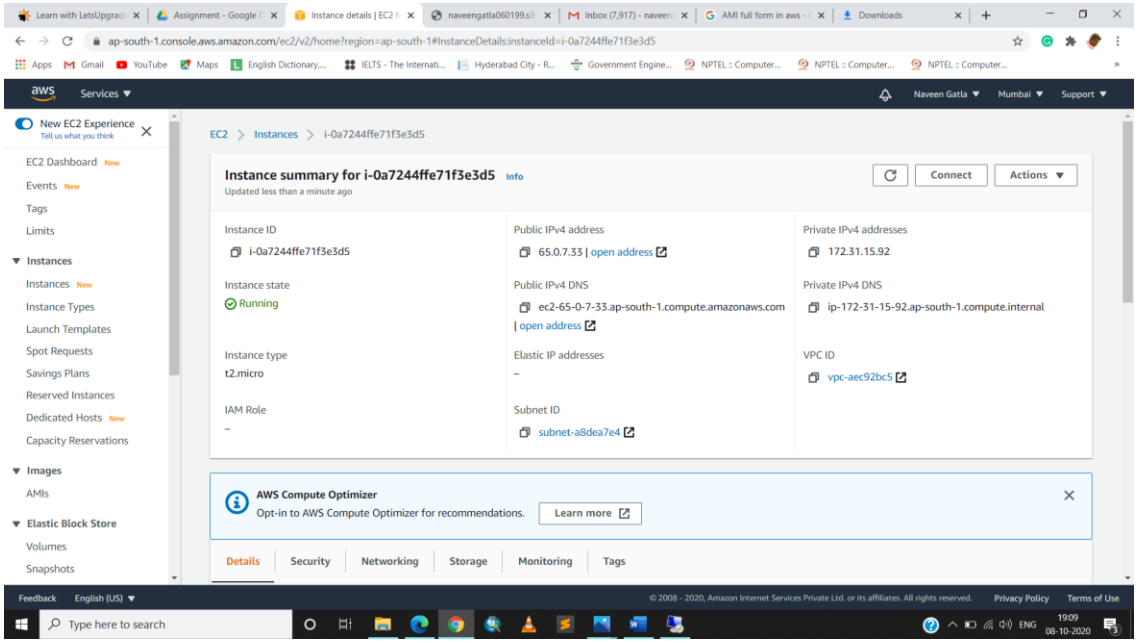
PROJECT 1:

Deploying a web server in Windows instance

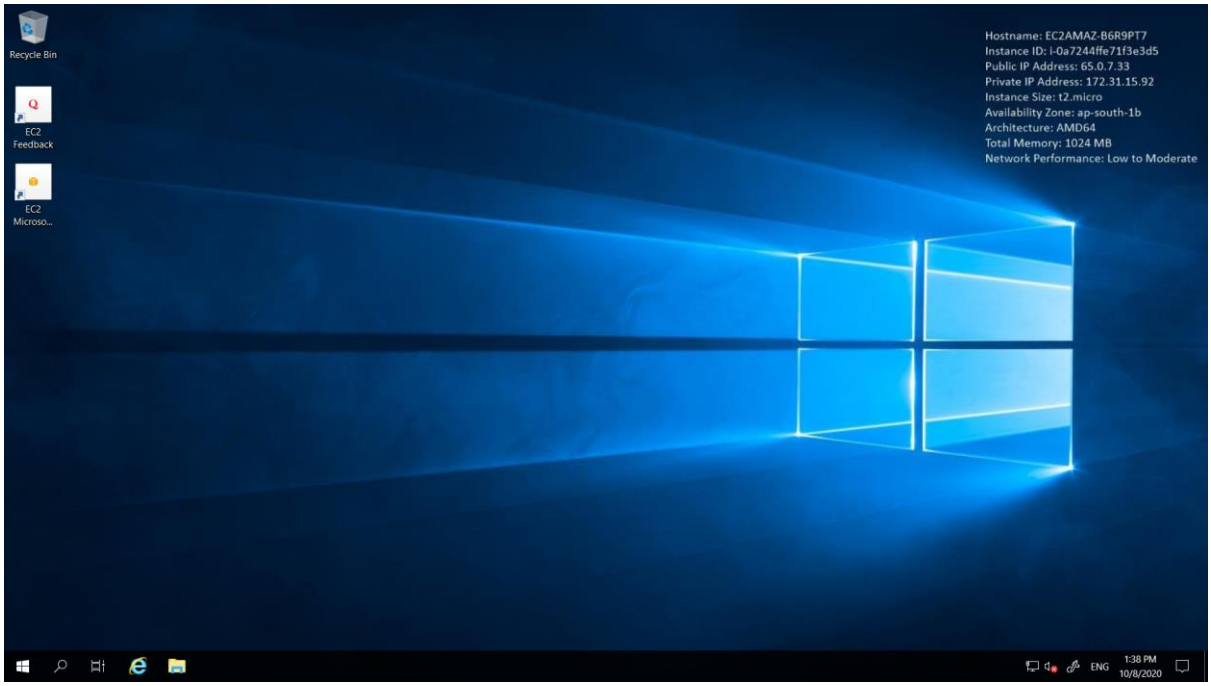
Instance was successfully lauched.



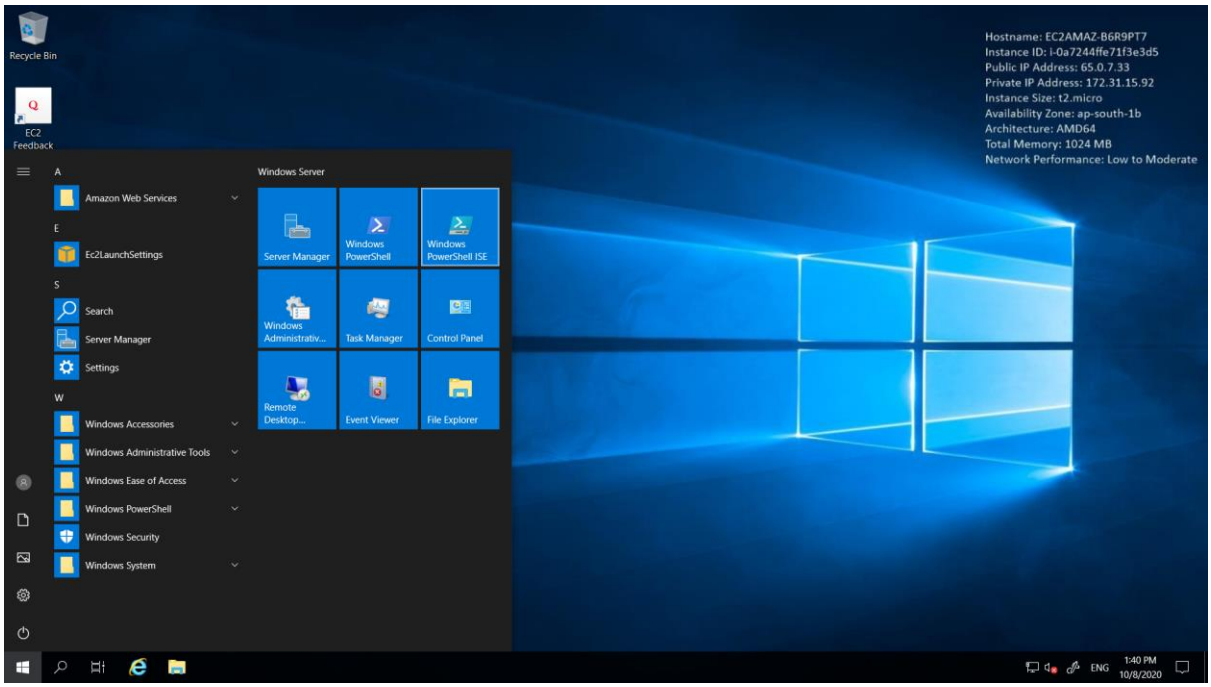
After instance was launched use the .pem file which is downloaded earlier in the last step of lauching the instance to decrypt the password and paste in the password section of .rdp file.



Then the windows server lauched successfully.

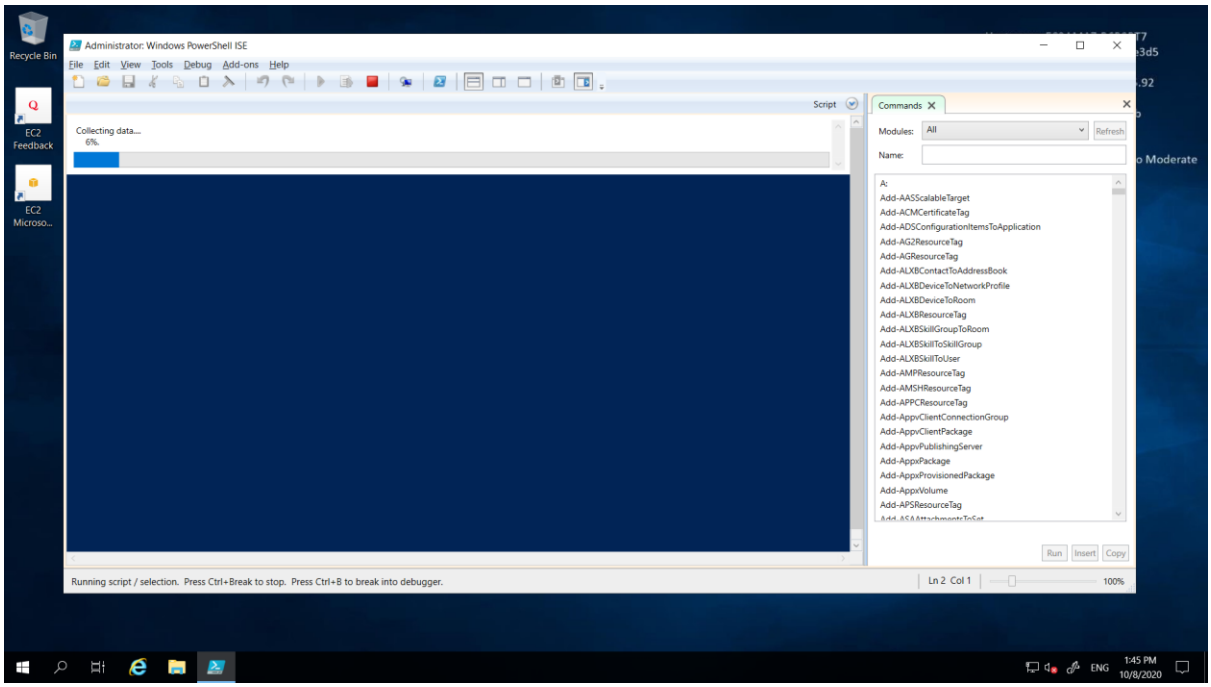


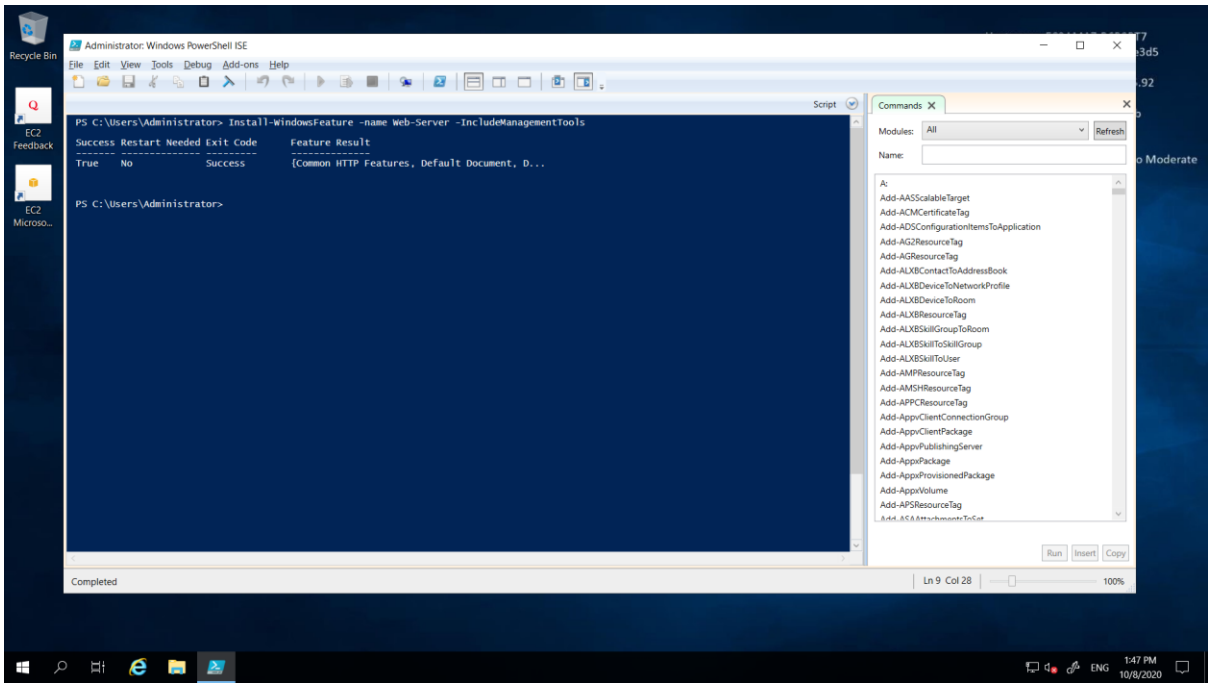
Open WINDOWS POWERSHELL ISE



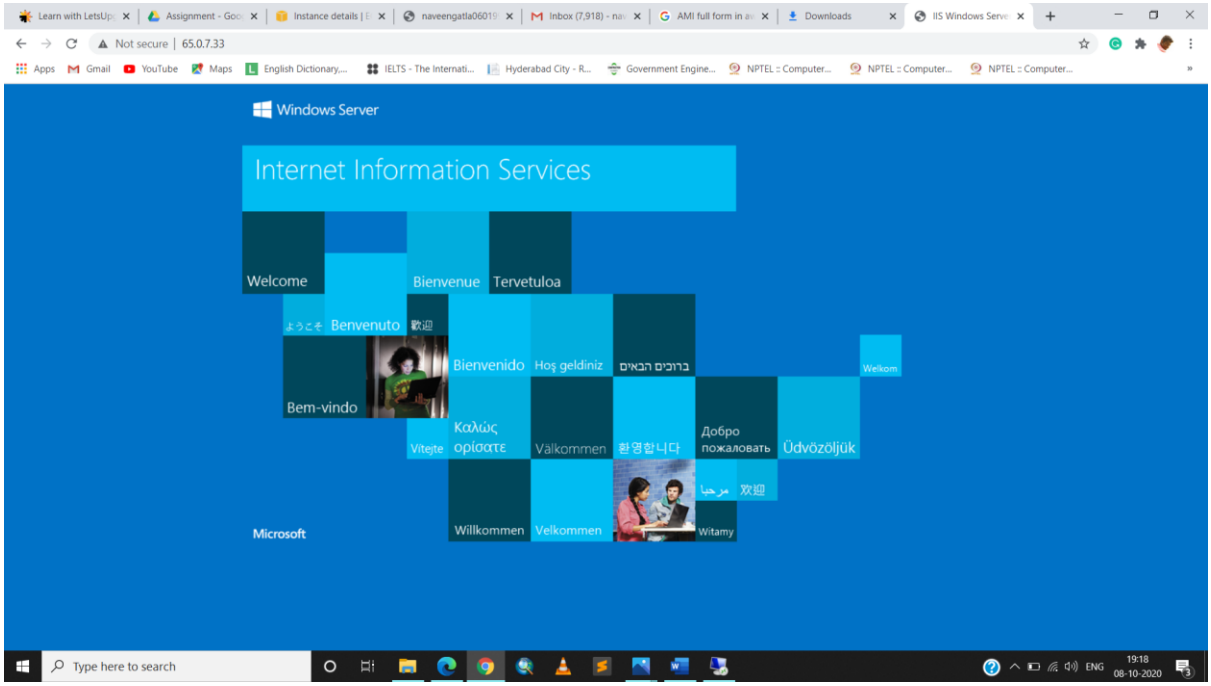
Install IIS web server by the below command

Install-WindowsFeature -name Web-Server -IncludeManagementTools





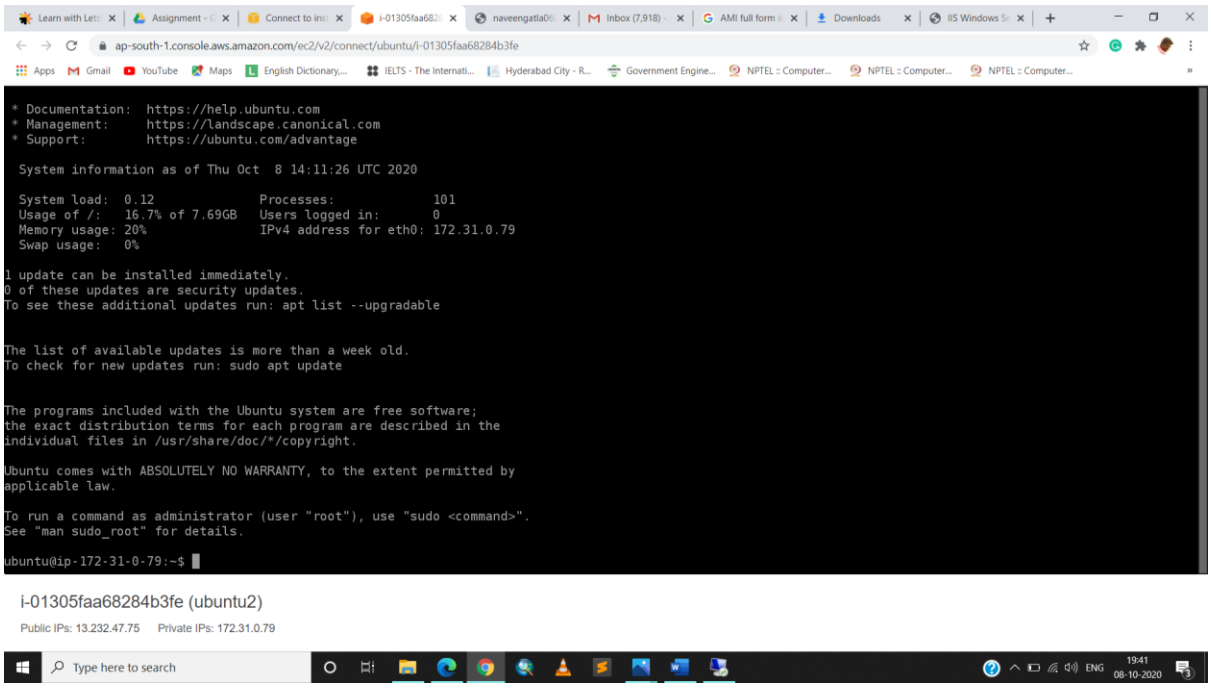
Open the public IP in the browser so that we can see the Internet Information Services Web page as shown below.



PROJECT 2:

Deploying a web server in UBUNTU server

Lauching the ubuntu server

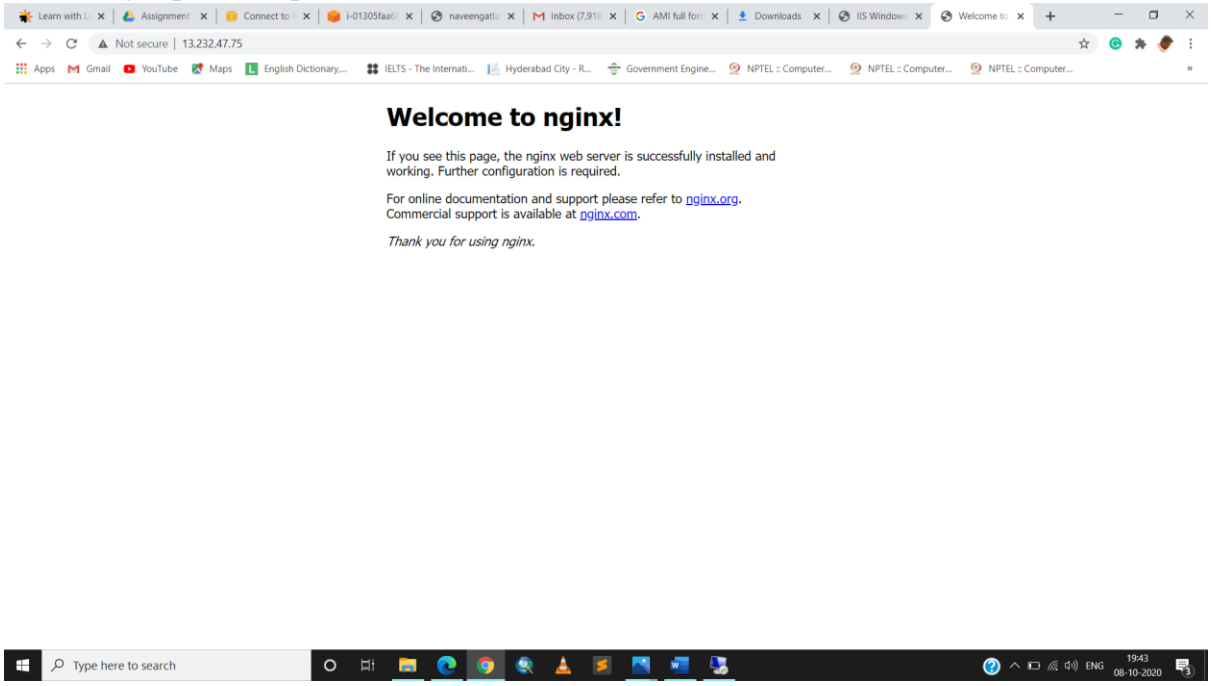


Install Nginx web server using bash

sudo apt-get -y update

sudo apt-get -y install nginx

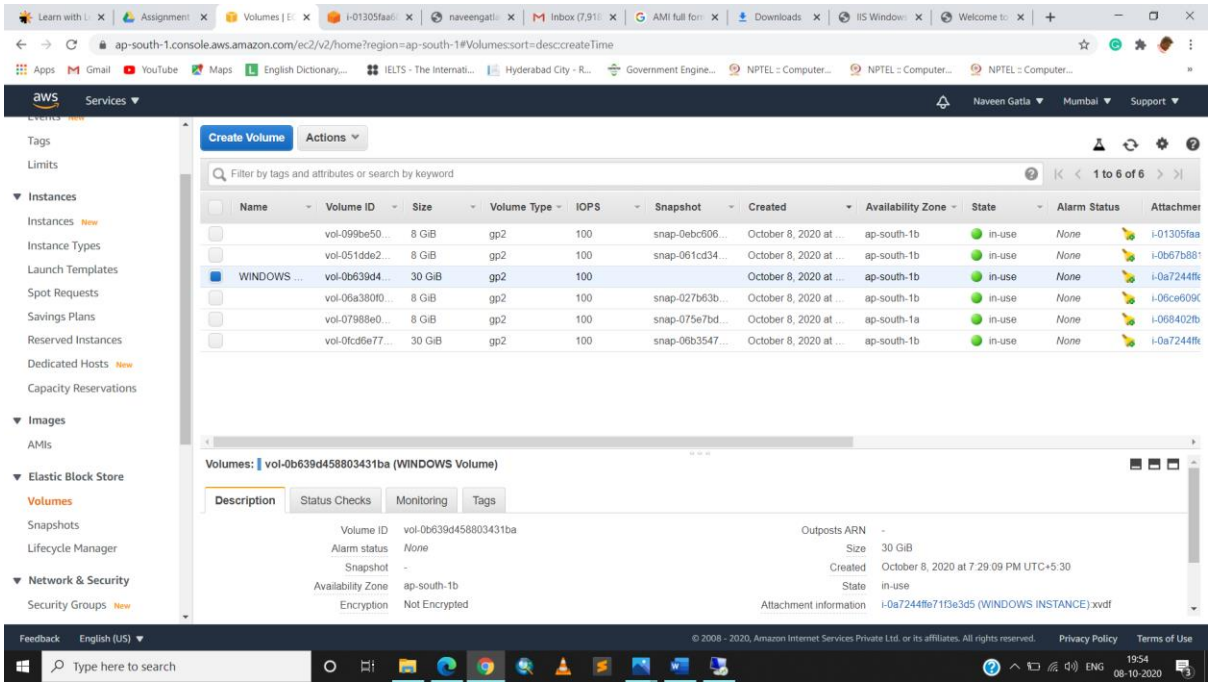
To verify open the public IP address in the browser



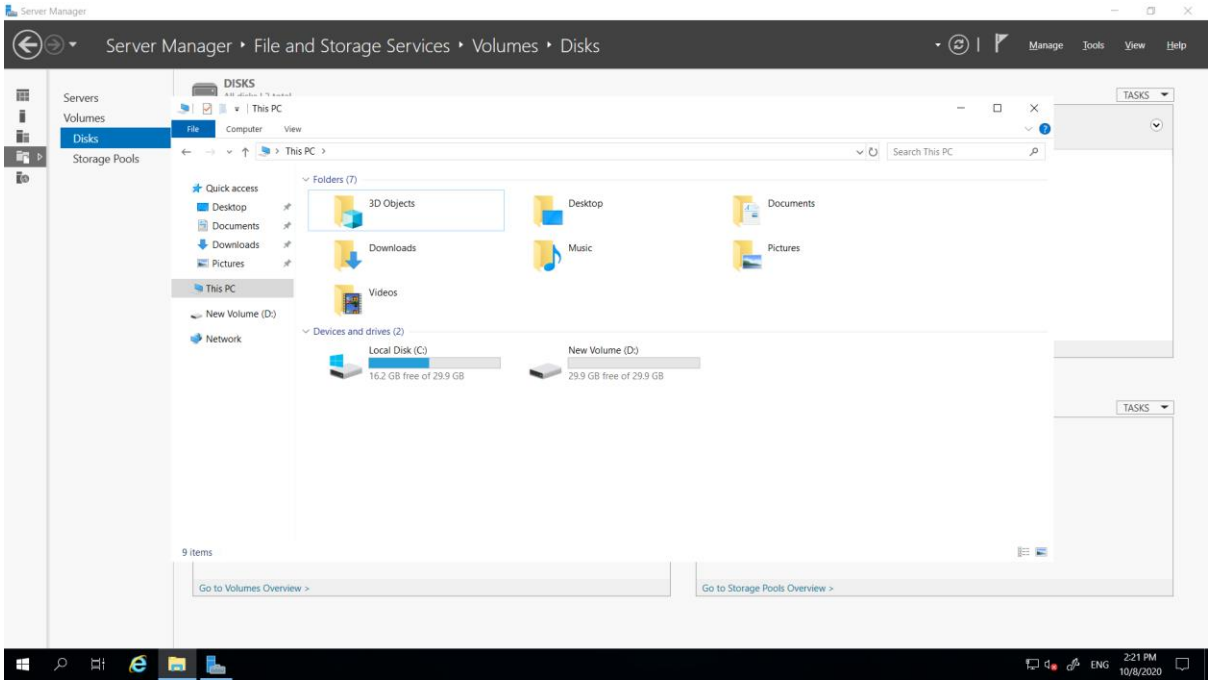
PROJECT 3:

Working with volumes

The selected volume in the below image is the new volume which has been created.



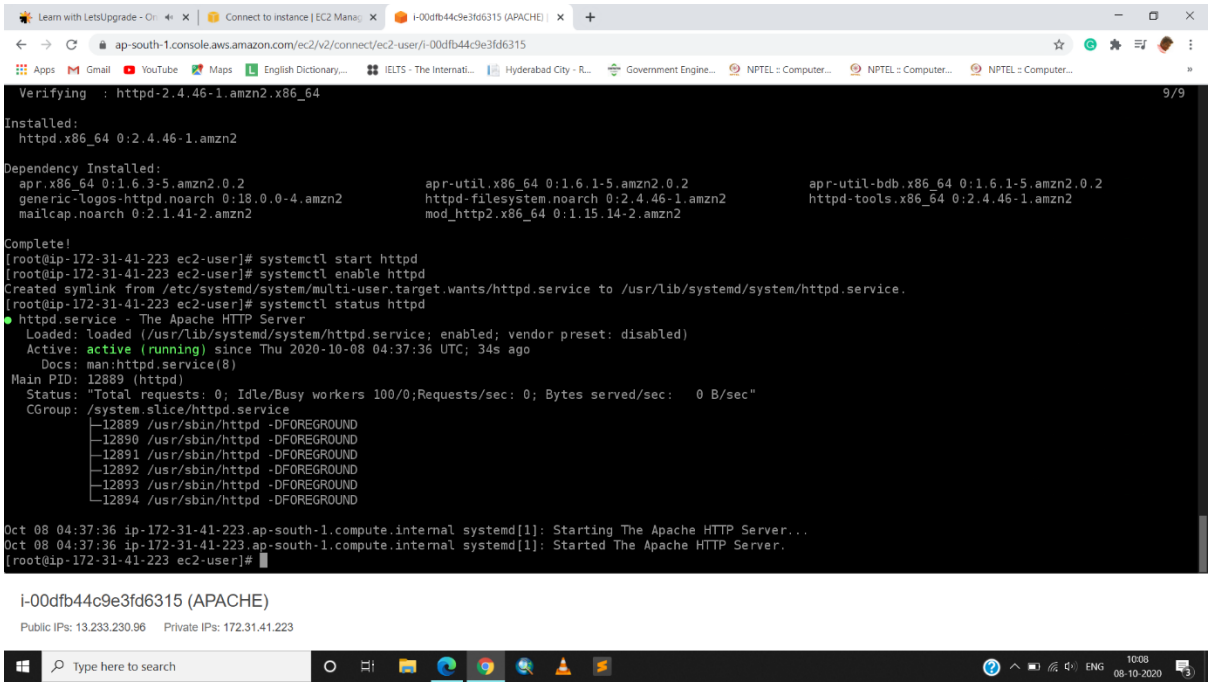
The New Volume (D) which is shown below is the new volume which is attached to the windows instance.



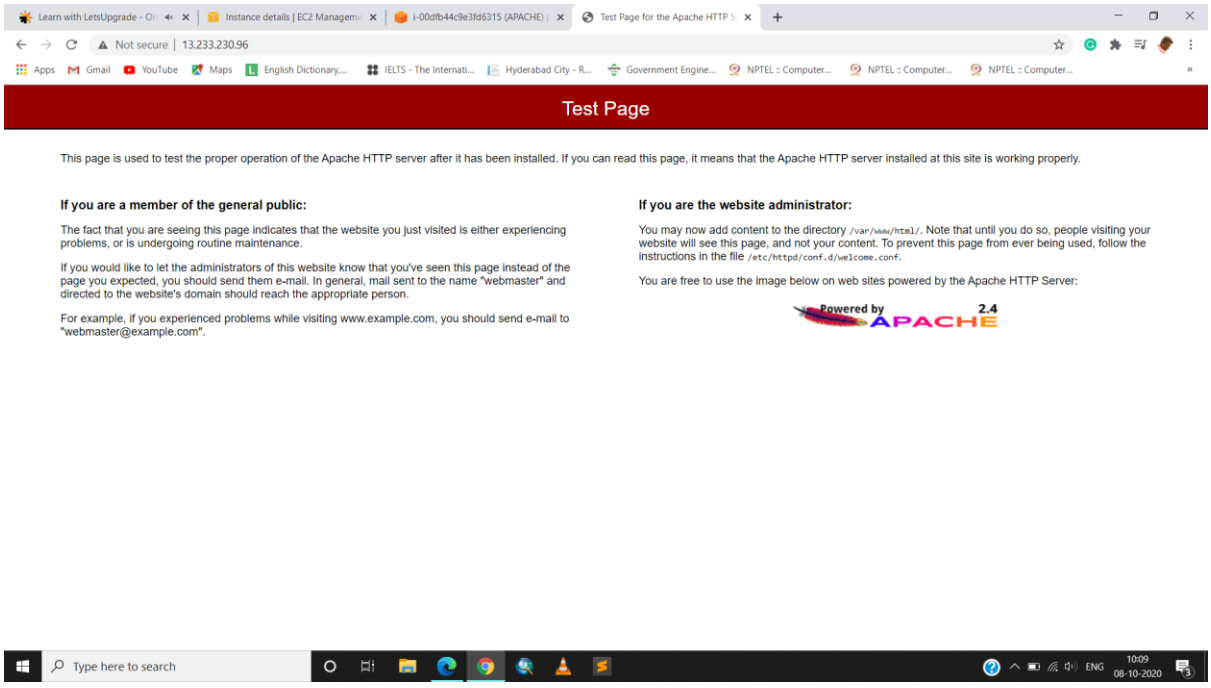
PROJECT 4:

Working with Elastic IP's

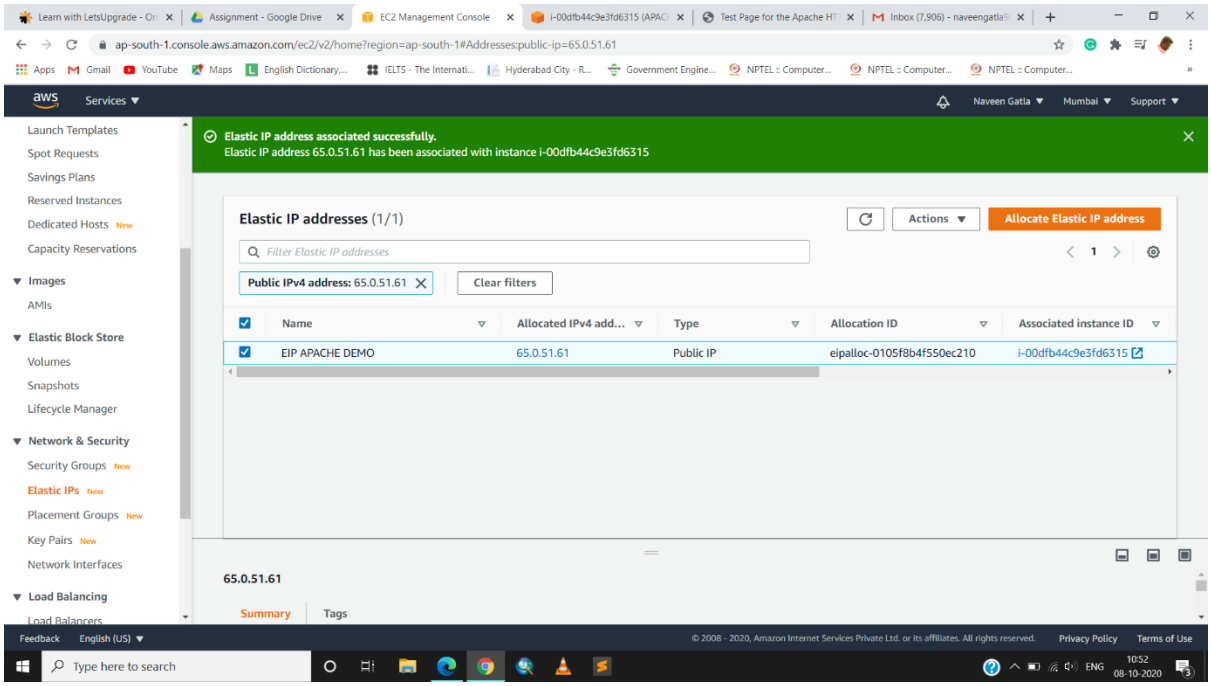
Apache server successfully installed



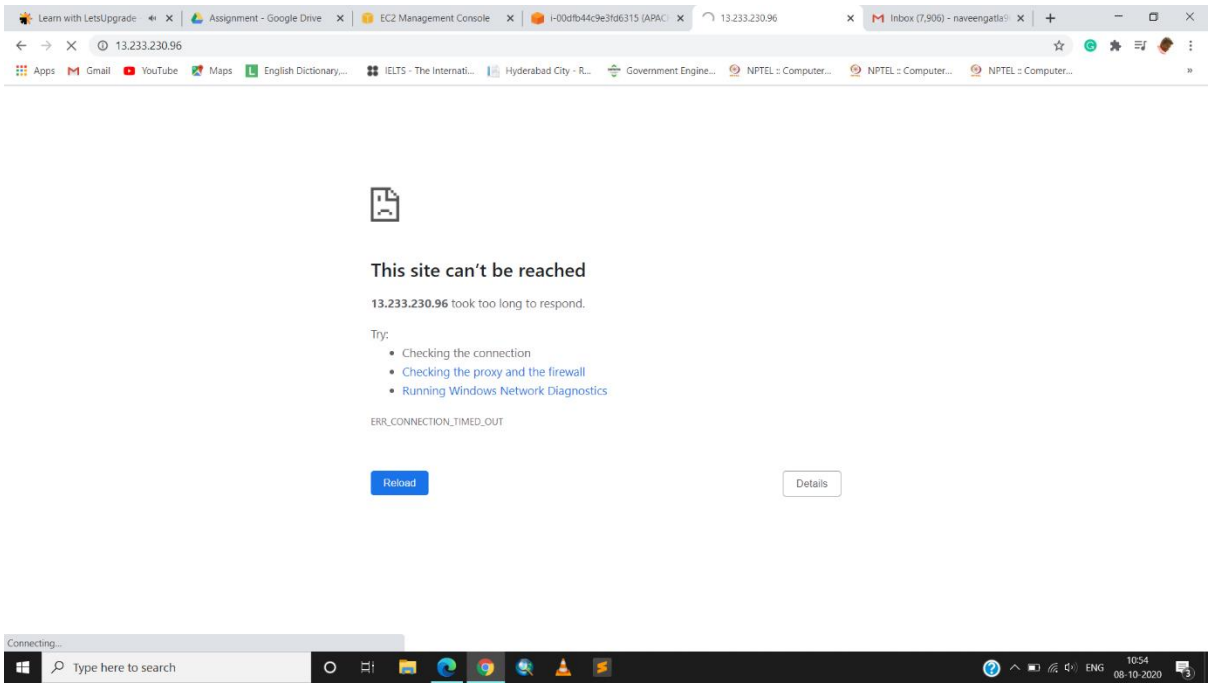
Before the Elastic IP Associated



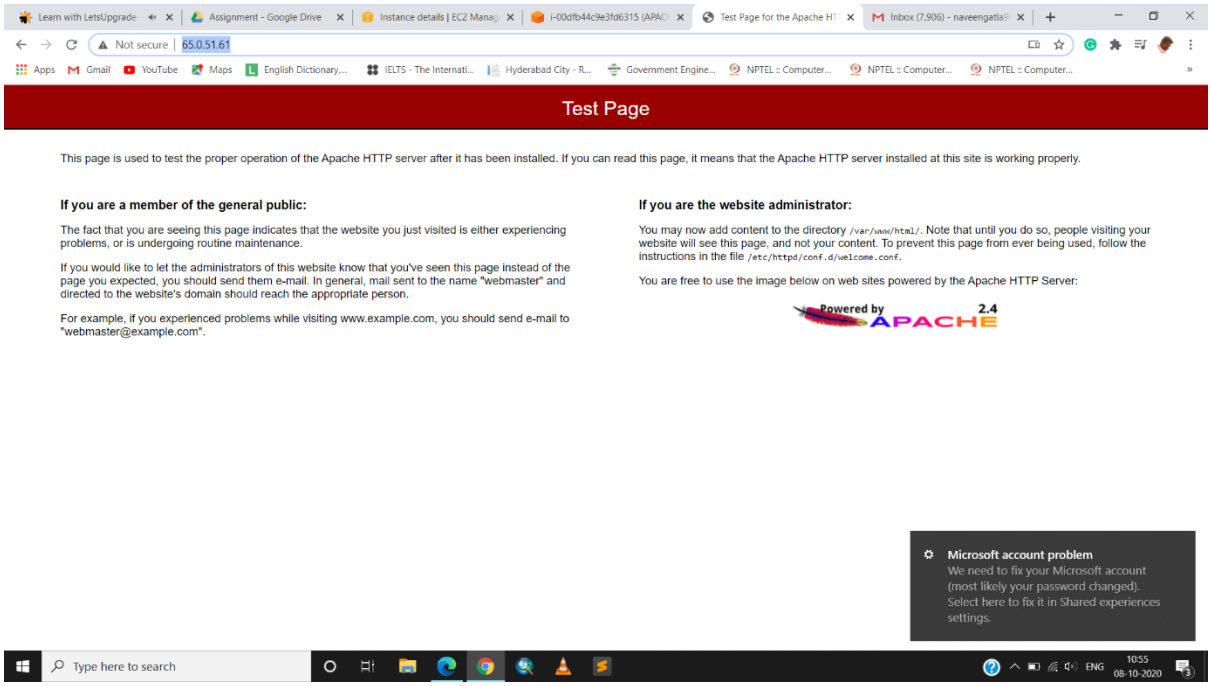
Now the elastic IP allocated and associated with the above apache server or linux machine



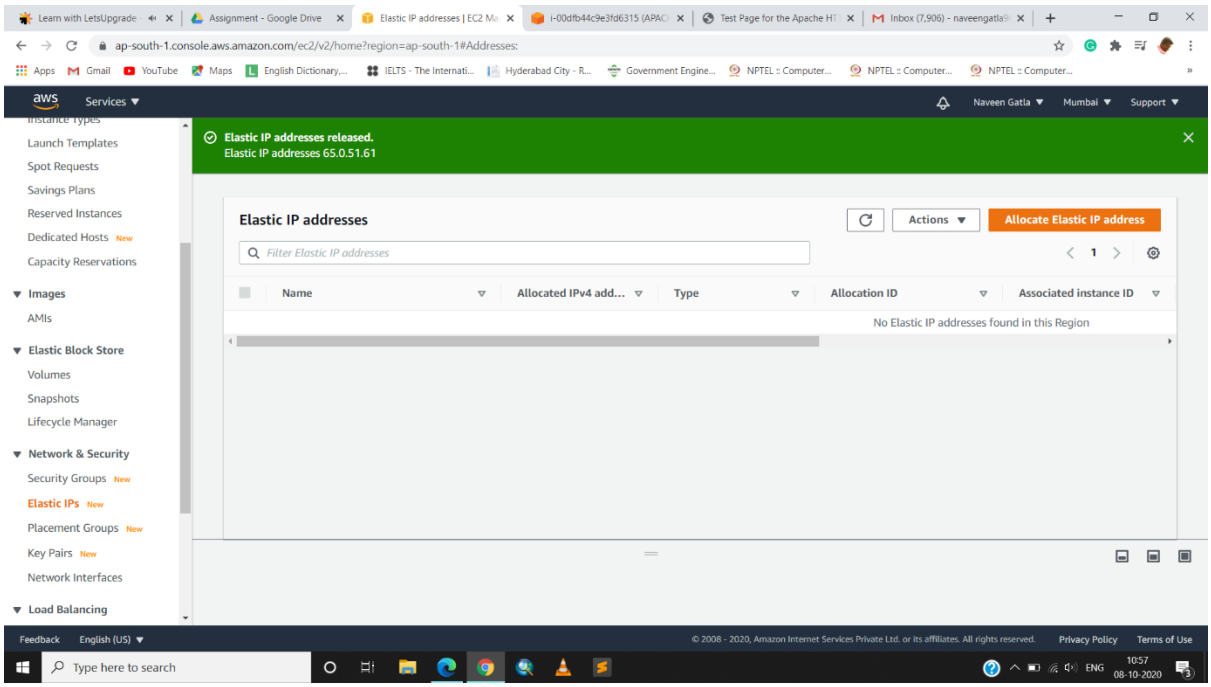
Now the old IP address don’t show as previous



The below highlighted address is the new elastic IP address



The below image is when the elastic IP disassociated and deleted

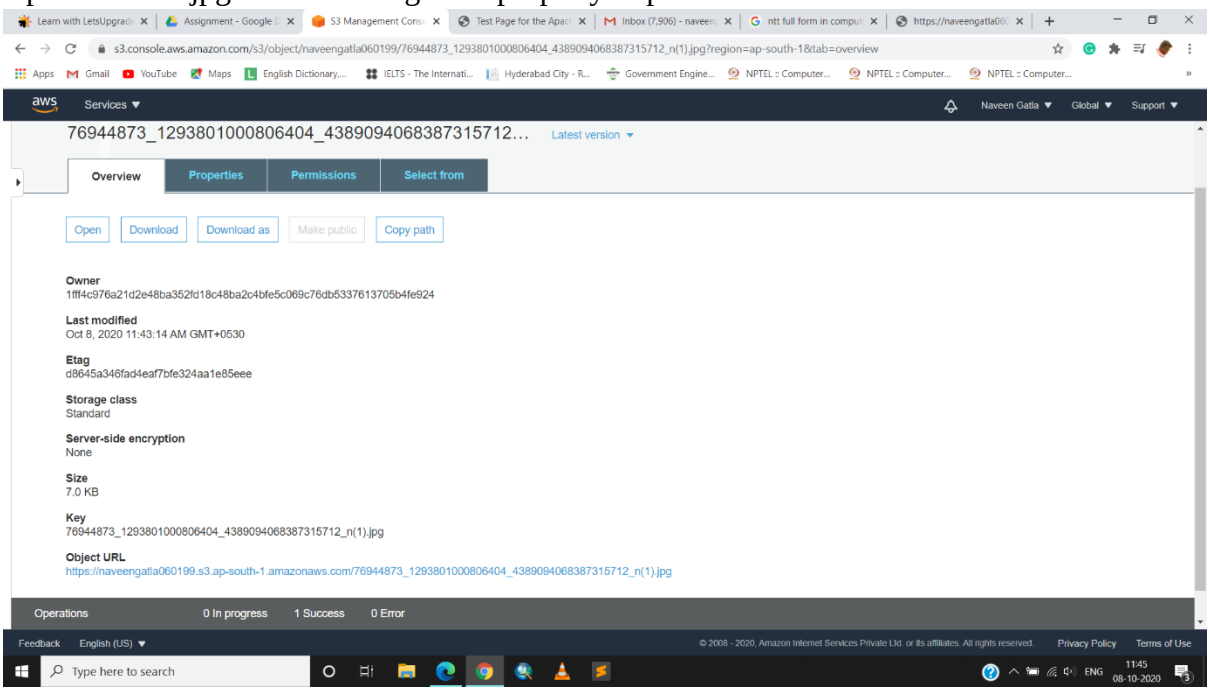


PROJECT 5:

Working with S3

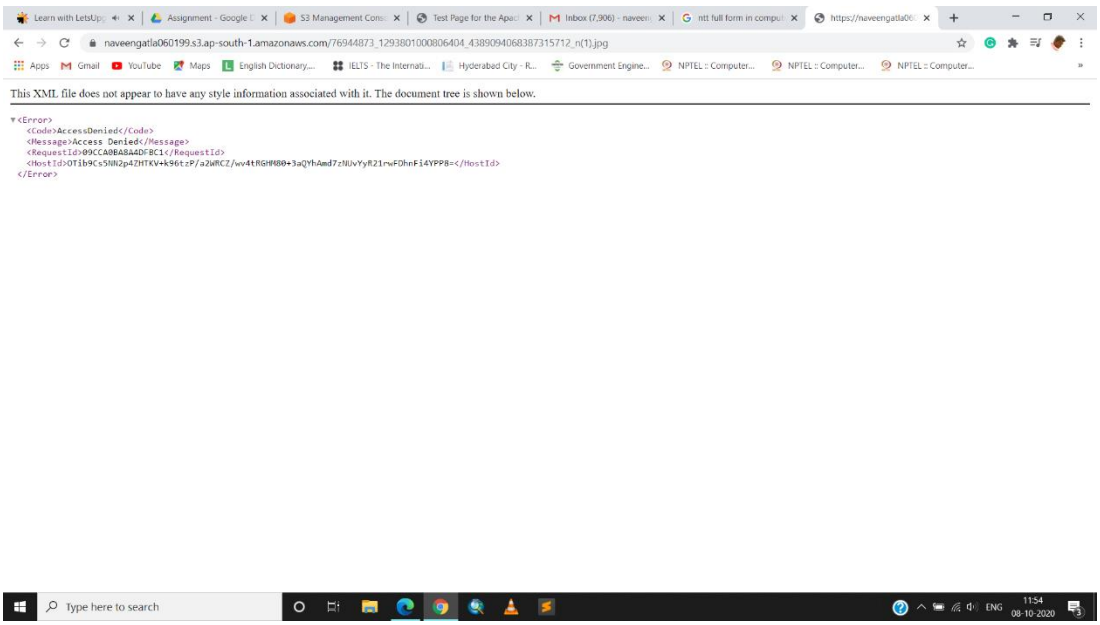
A. Working with S3-.jpg

Uploaded the .jpg file and changed its property to public.

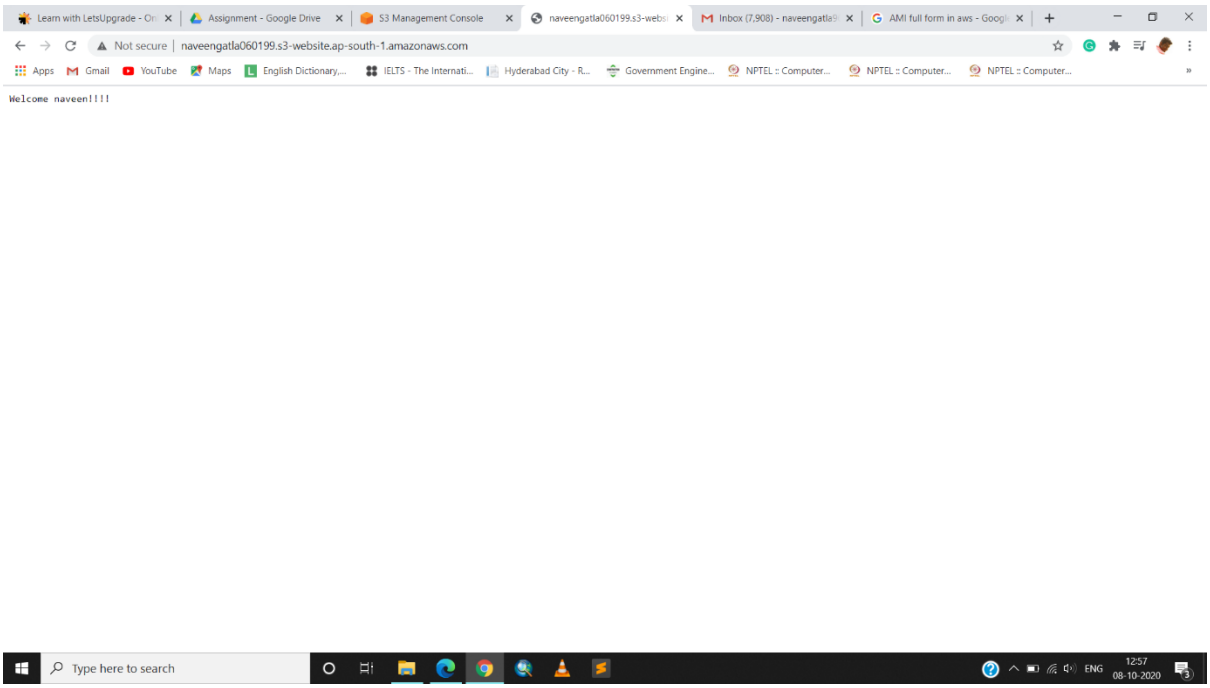


B. Static web hosting

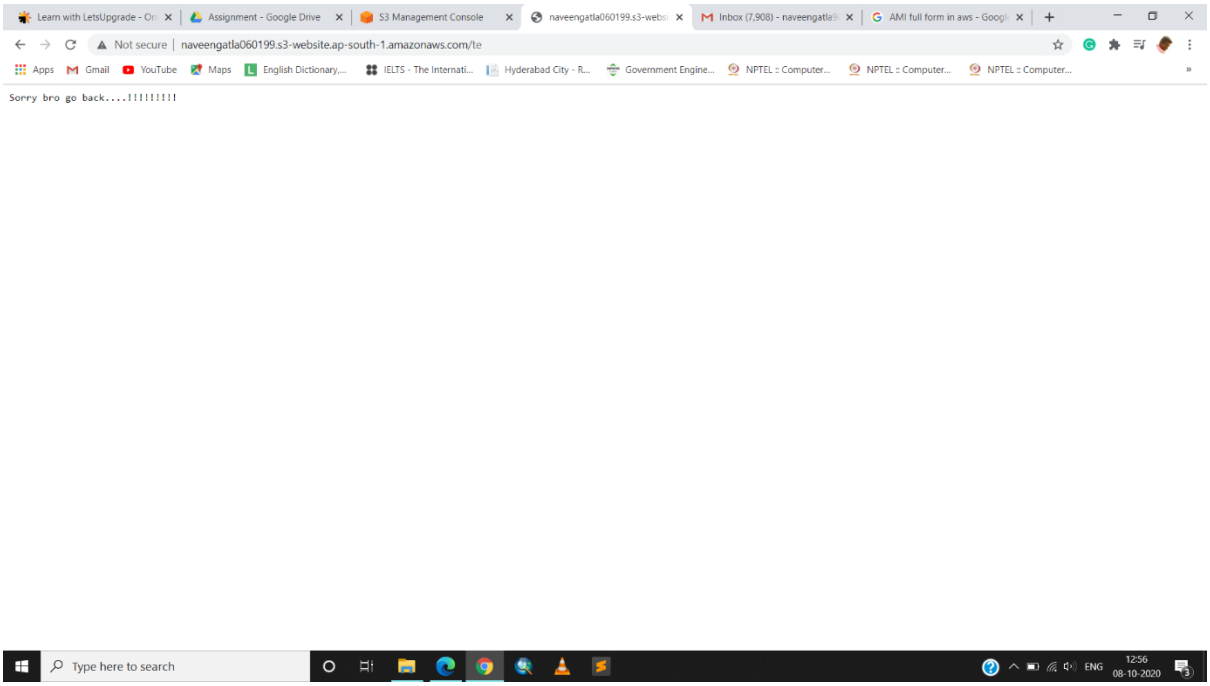
Uploaded the index.txt and error.txt but it not made to view public.



index.txt after it made public

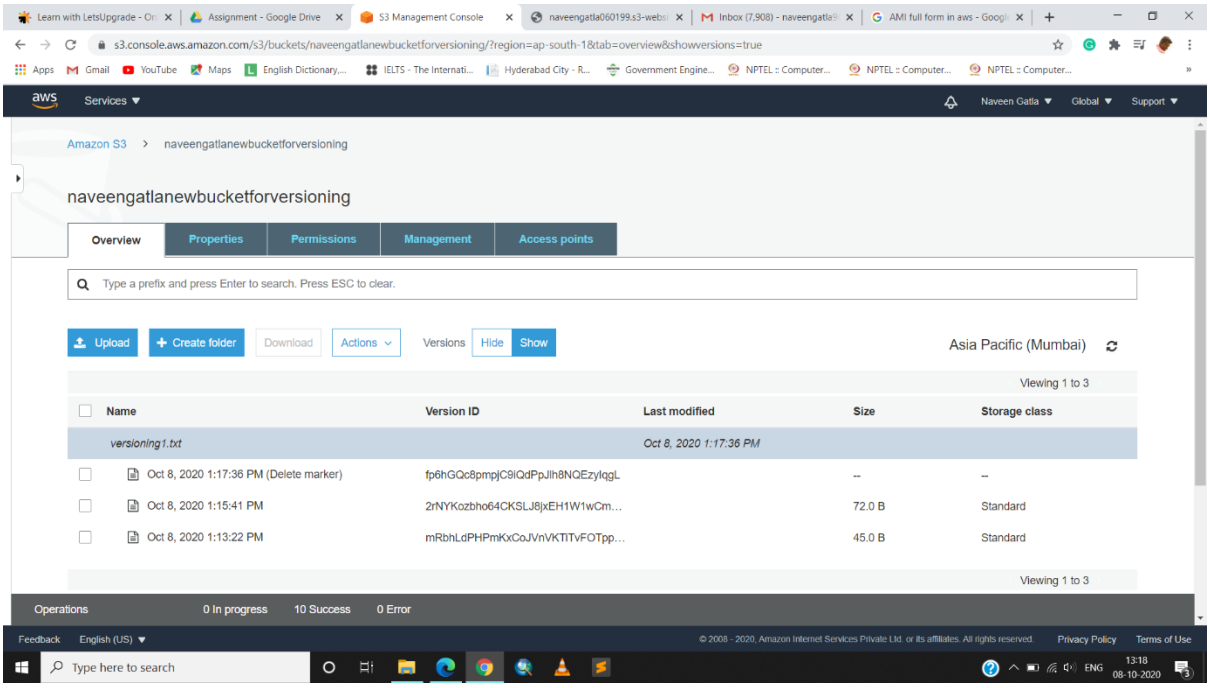


Made a change after the IP then it shows the error.txt

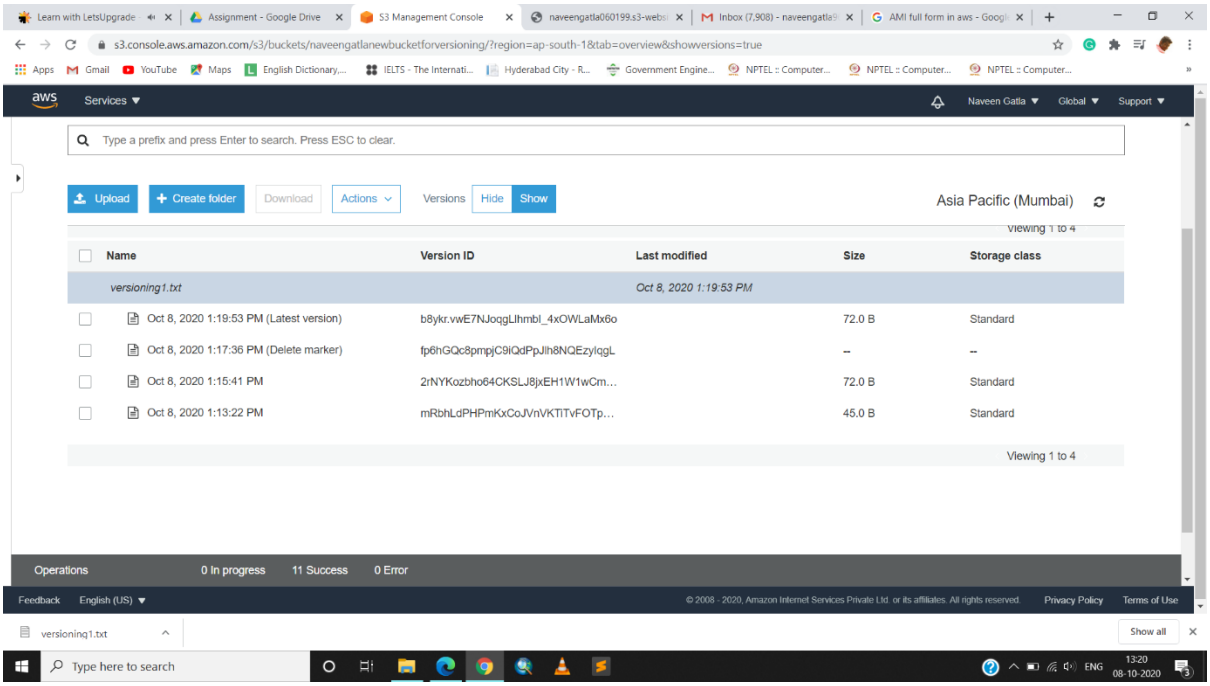


C. Versioning

The below image is taken after the previous versioning file updated and later deleted.



The below image is taken after the deleted versioning file again uploaded.



QUESTION 1:

Explain life cycle effects on instances: Stop, start, reboot, terminate - public IP, Private Ip, Applications installed.

	PUBLIC IP	PRIVATE IP	APPLICATIONS INSTALLED	OTHER EFFECTS
STOP	Shows null & if we open the IP address which is previously copied will shows “the site can’t be reached”	Remains same	Can’t open the windows instance, as it was stopped, to see the applications.	The window in which the instance was running will be closed, and should connect again to open the windows instance.
START	Changes- New IP created and the old IP disappears	Remains same	Installed applications Remains same as before	2/2 status check will takes place again.
REBOOT	Remains same	Remains same	Installed applications Remains same as before	The window in which the instance was running will be closed, and should connect again to open the windows instance. 2/2 status check will takes place again.
TERMINATE	IP address will be lost. If we open the address it shows “the site can’t be reached”	IP address will be lost as the instance terminated.	Applications will be lost as the instance terminated.	The window in which the instance was running will be closed, even the instance terminated the EBS volumes which are associated to the

				instance will be there and later it can associated to other running instance but the root storage will be lost.