TASK 3(a)

Generate a Classical load Balancer with 3 different web servers:
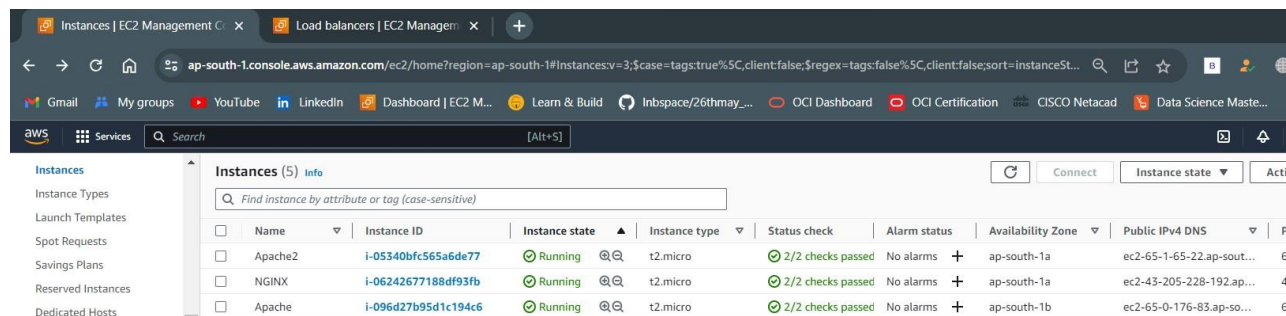
1. Apache

2. Apache2

3. Nginx

<u>Step</u> 1: Launch an Ec2 instance and install Apache web server.

<u>Step</u> 2: Launch an Ec2 instance with Apache 2 web server.

<u>Step</u> 3: Launch an Ec2 instance and install NGINX webserver.

Commands: connect to ssh -->sudo -I --> yum update --> yum install nginx --> systemctl start nginx --> take the Public ip address and checkin chrome.
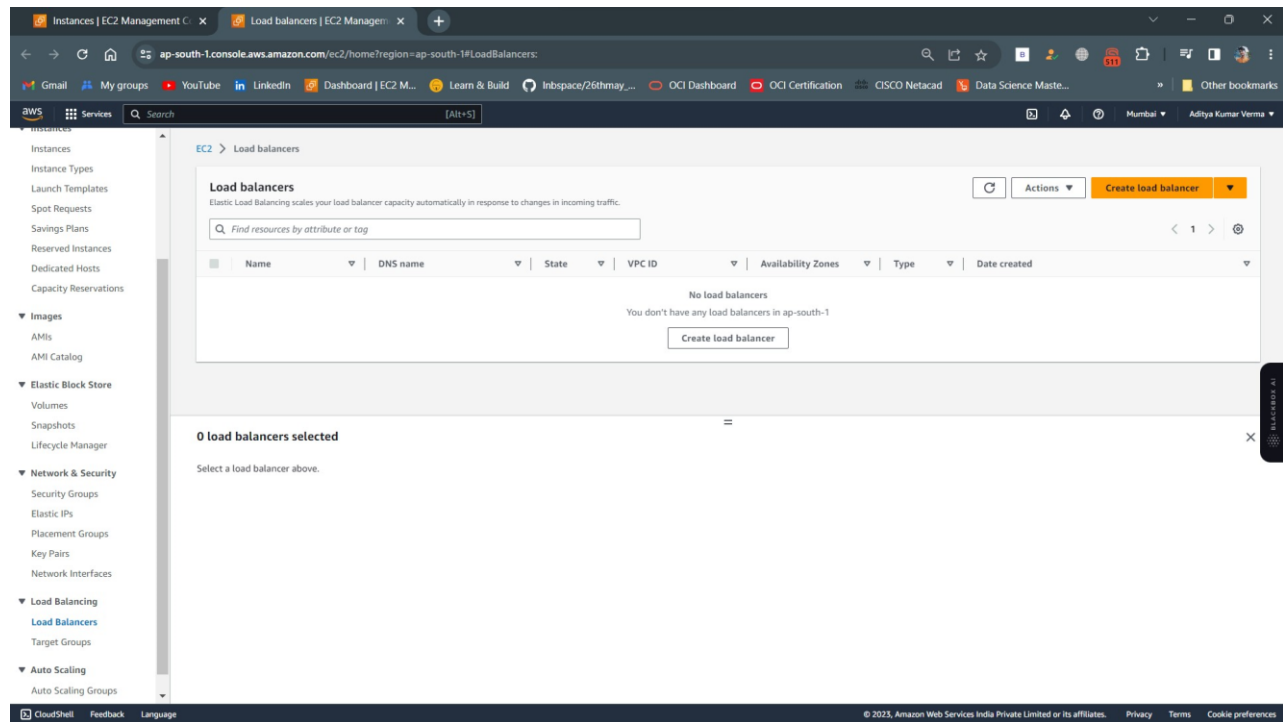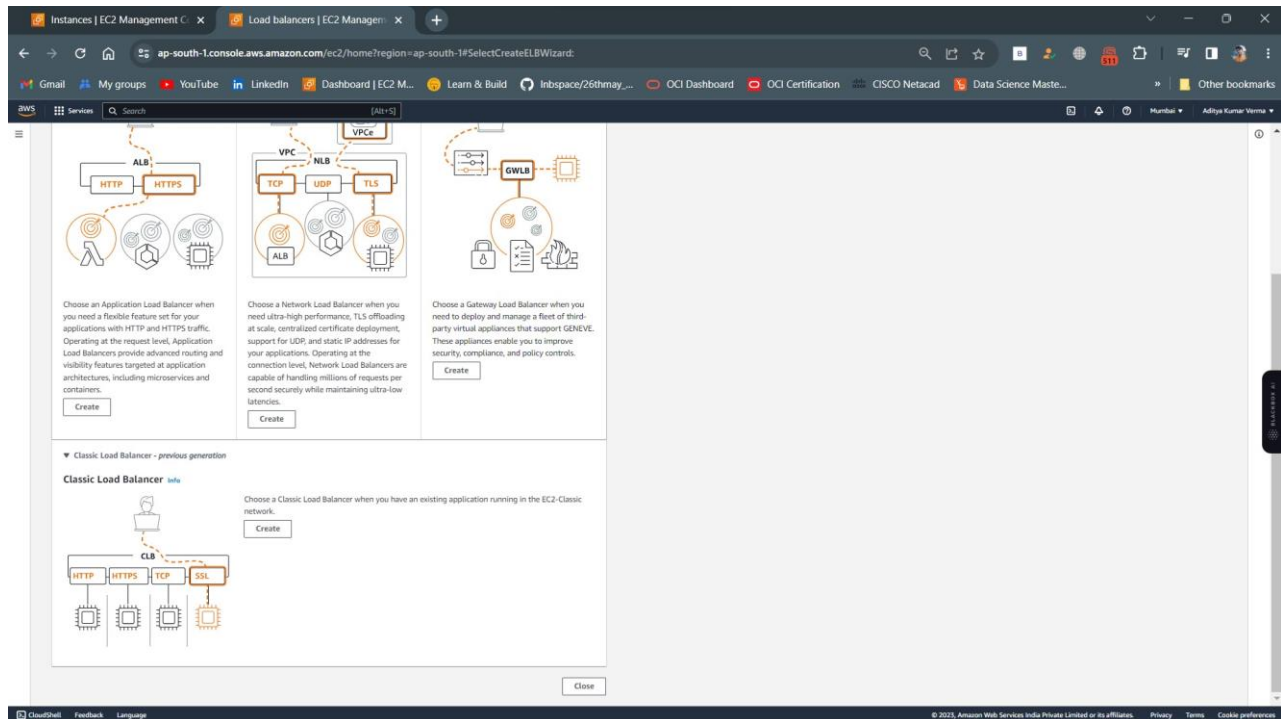
Step 4: Make sure that all the instances having the port 80 in inbound rules.

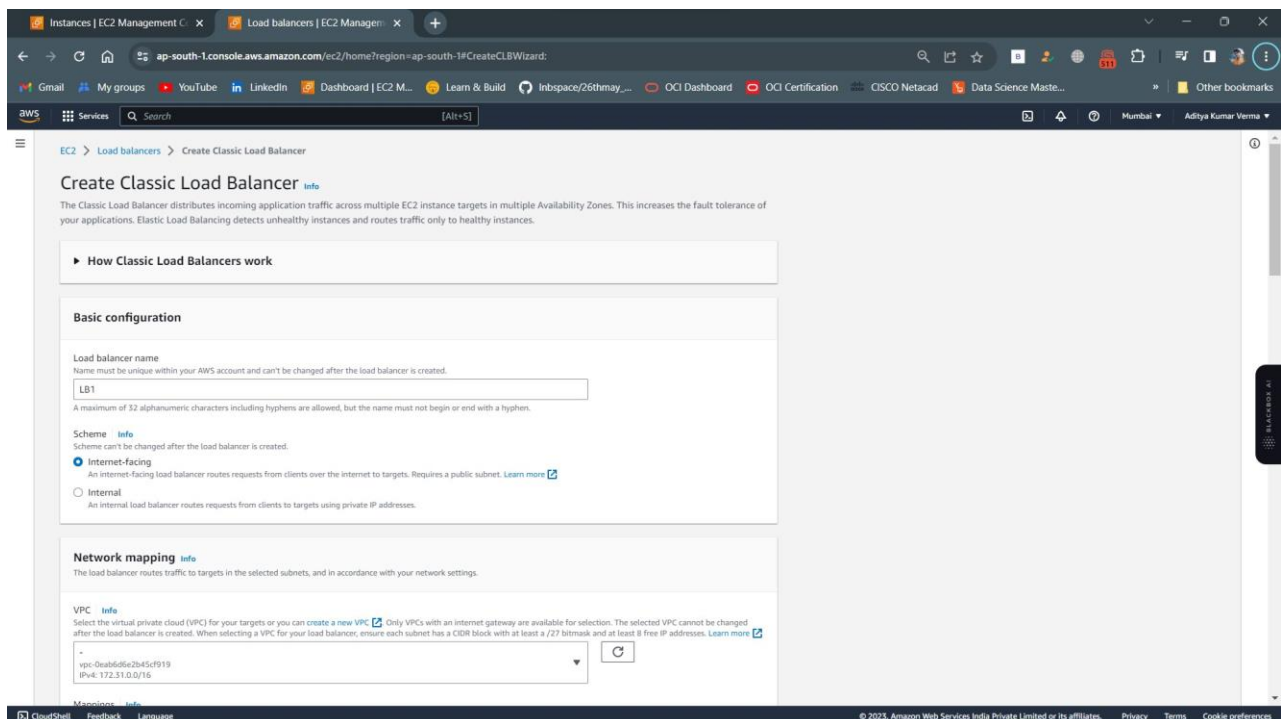Step 5: Go to search bar and search for "Load Balancer" and select it.
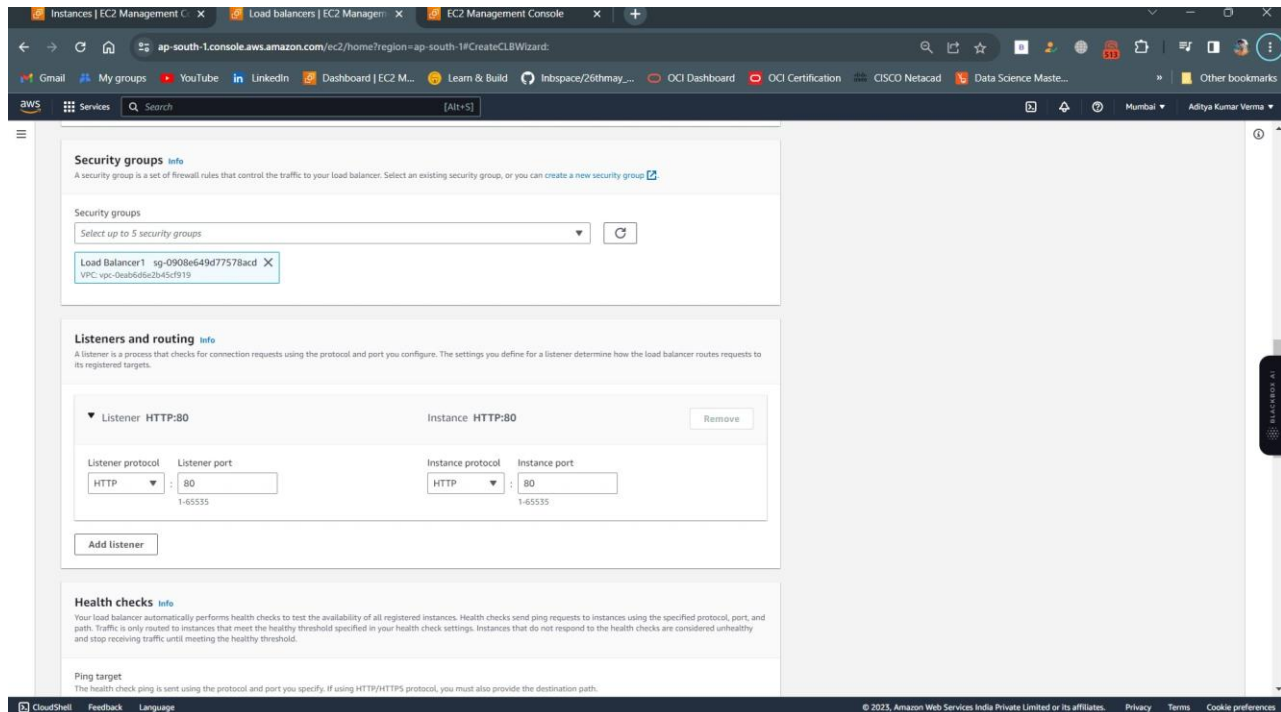
Step 6: Click on the "Create Load Balancer"

Step 7: Select the "Classic Load balancer" which is in the last of the list.
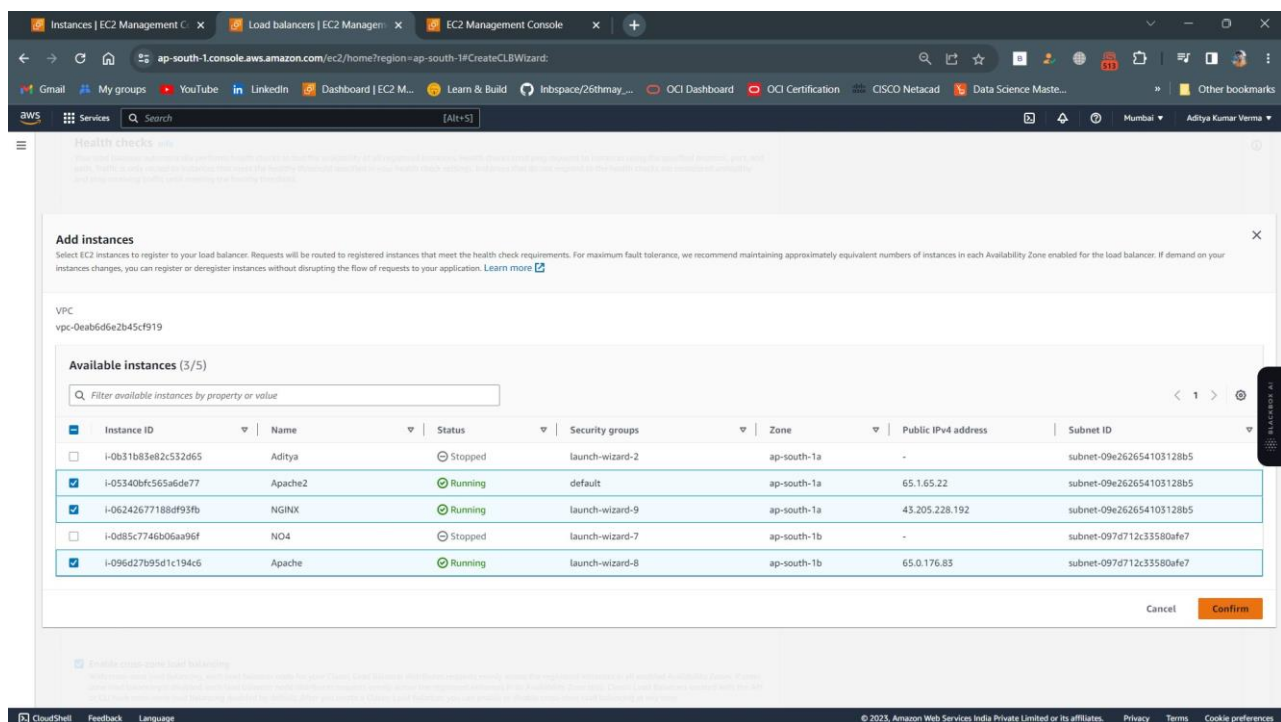

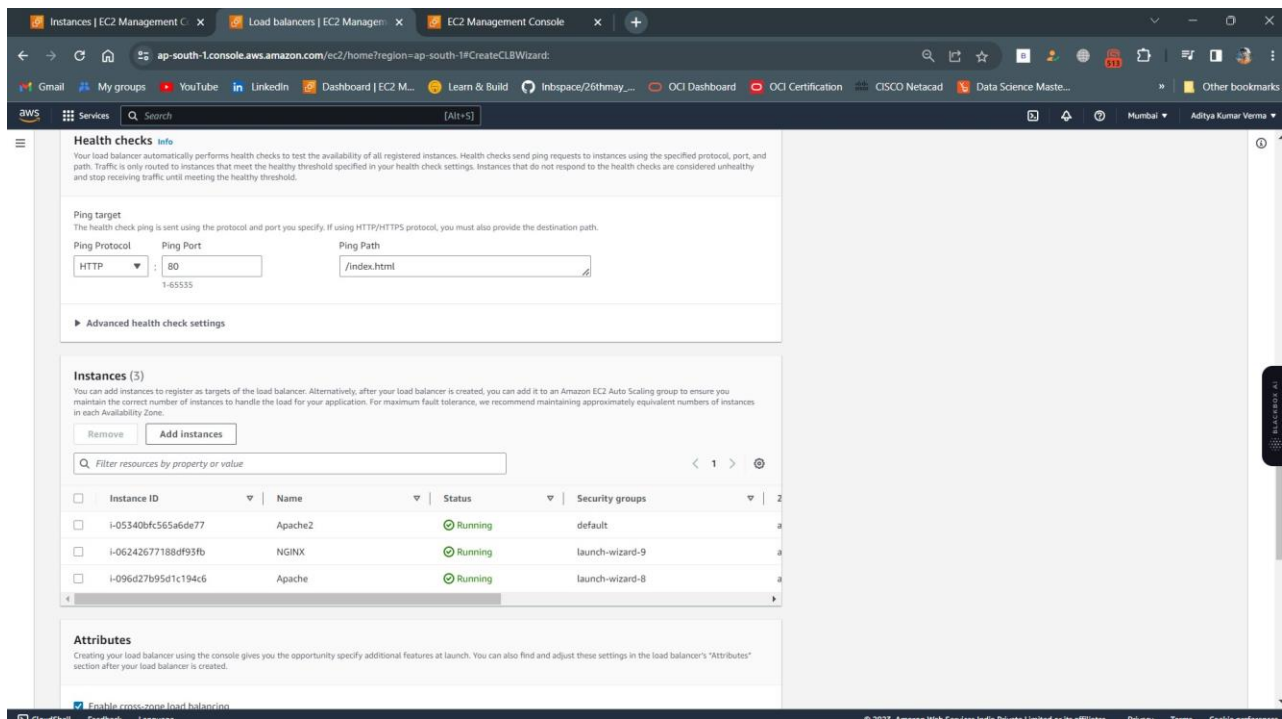**Step** 8: Give a name to the group as "Load-balancer 1" and click next.

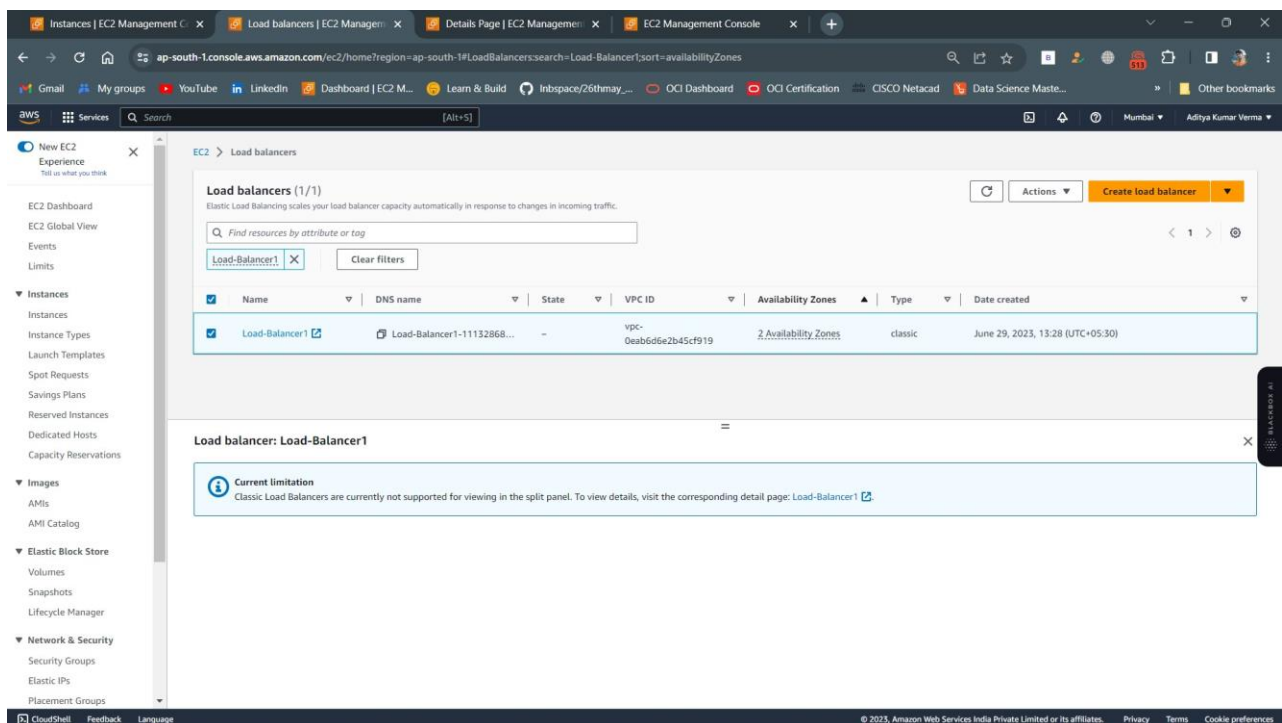Step 9: Create a new security group and name it as "Load Balancer 1".

Step 10: Select the instances just created with 3 different web servers & Click "Create Load Balancer".

Step 11: Load Balancer created successfully.

Now just copy the DNS and paste it in the chrome page.

Step 12: Refresh the pages simultaneously so the load on the server and then it jumps to another server.