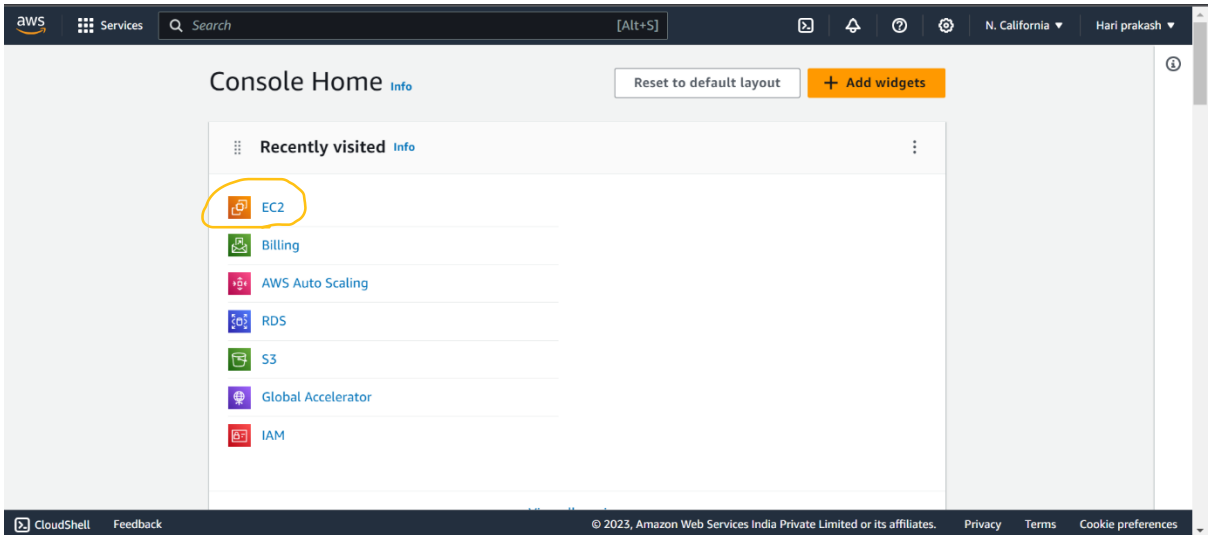
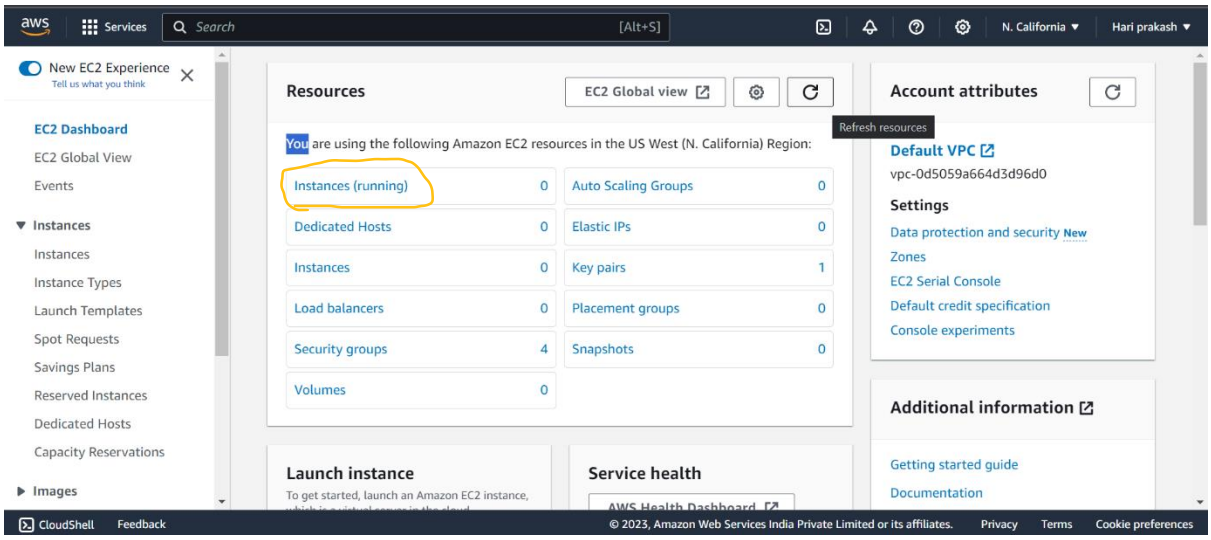
TASK 7

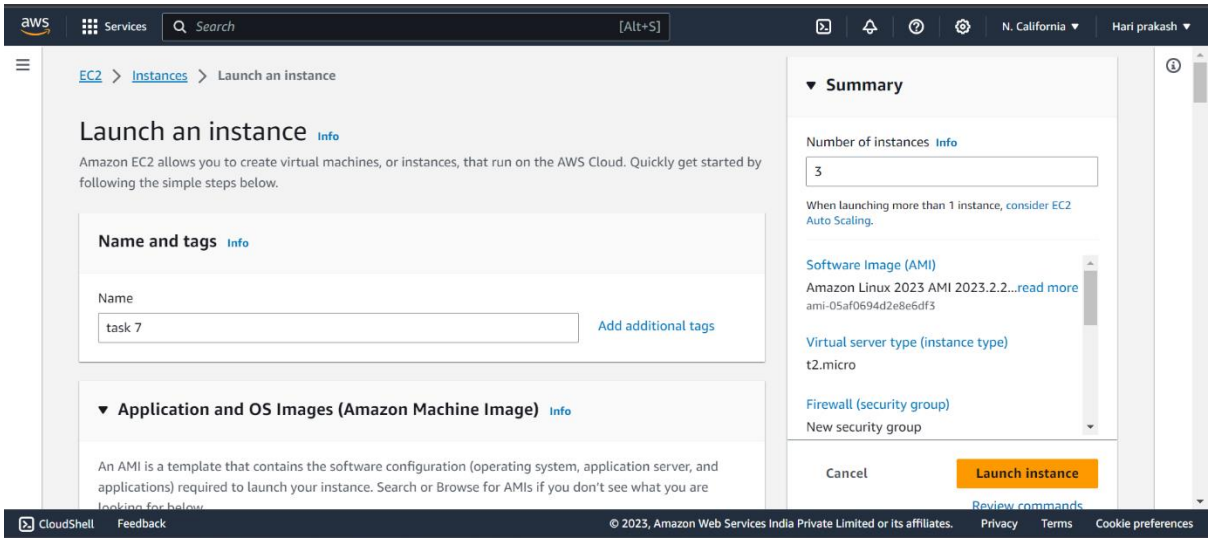
CREATE THE LOAD BALANCER



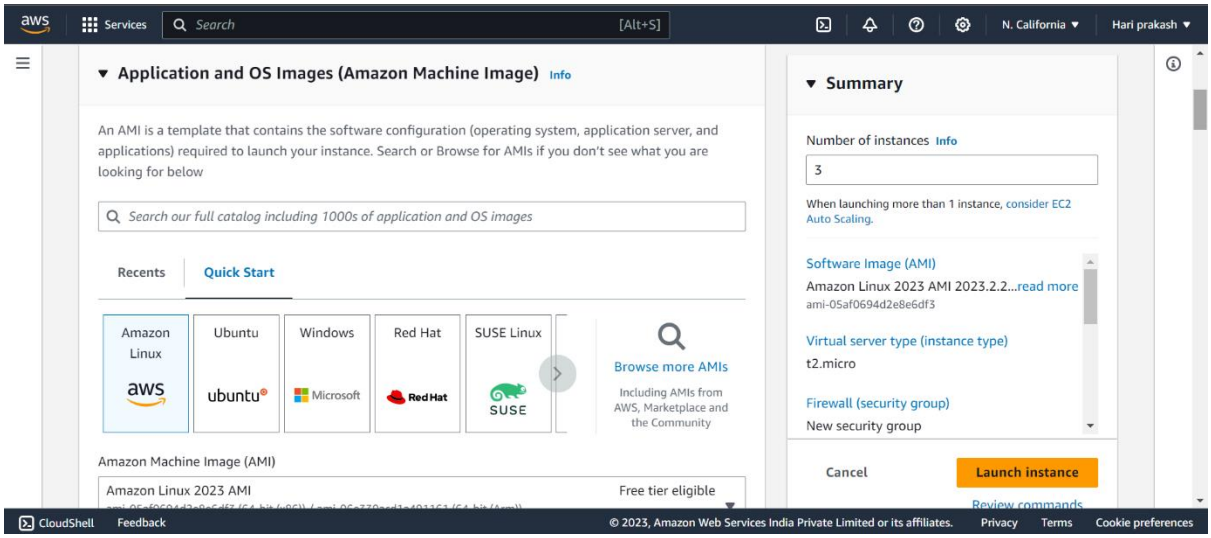
1.In that Console Home then enter the EC2



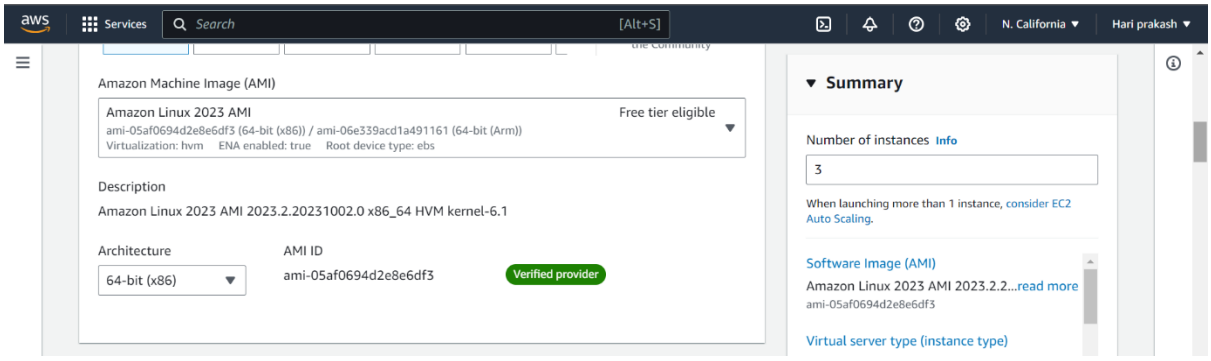
2.In that resources click the instance(running)



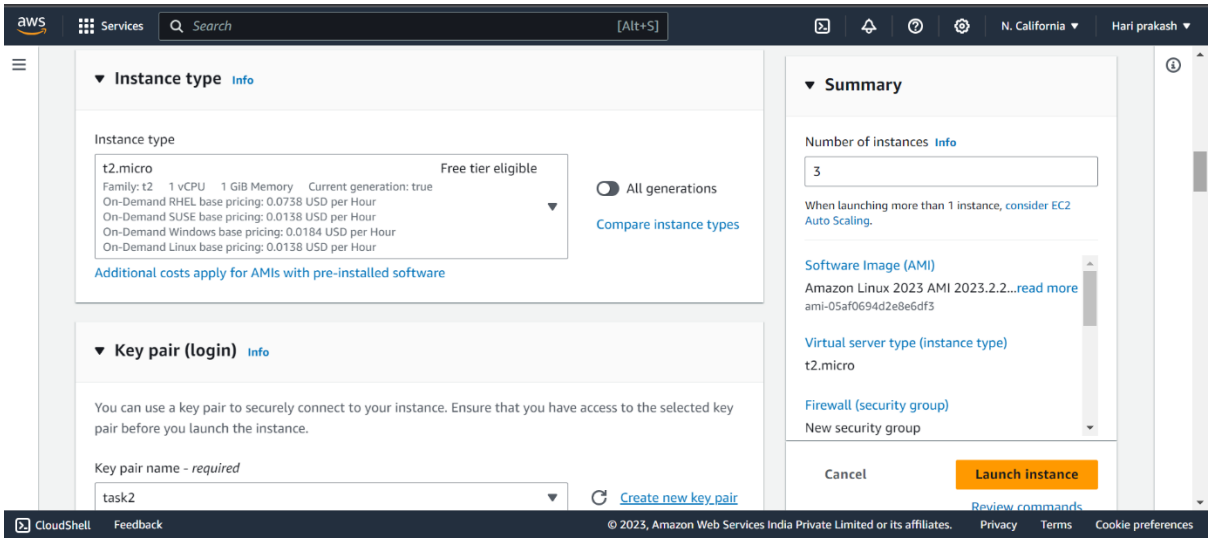
3.In that launch an instance enter the name and tags and I enter name as "task 7"



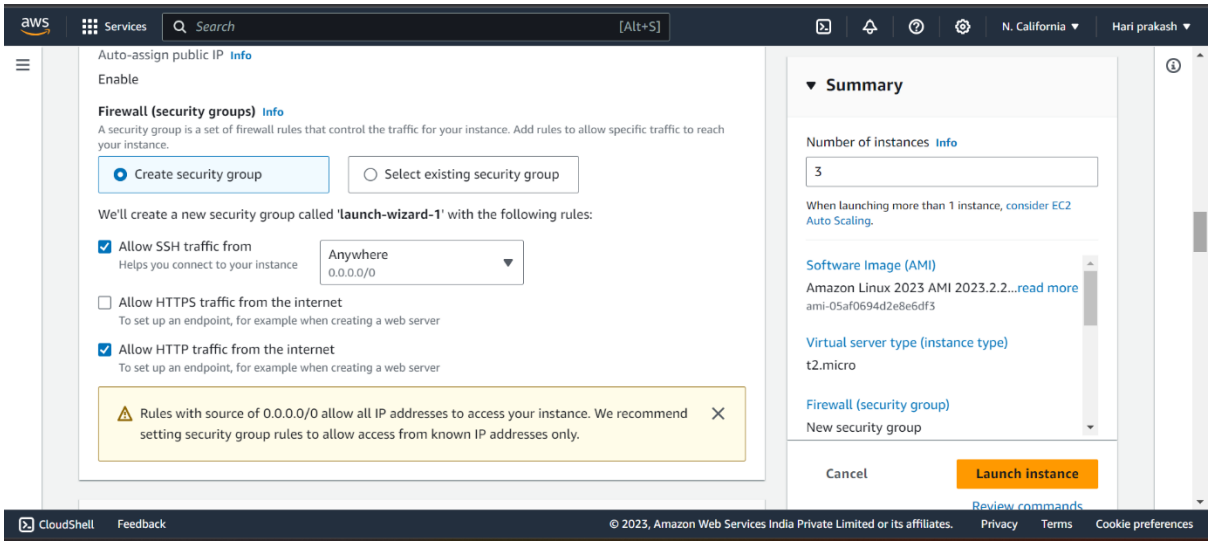
4.And entered the AMI and Operating System as Amazon linux



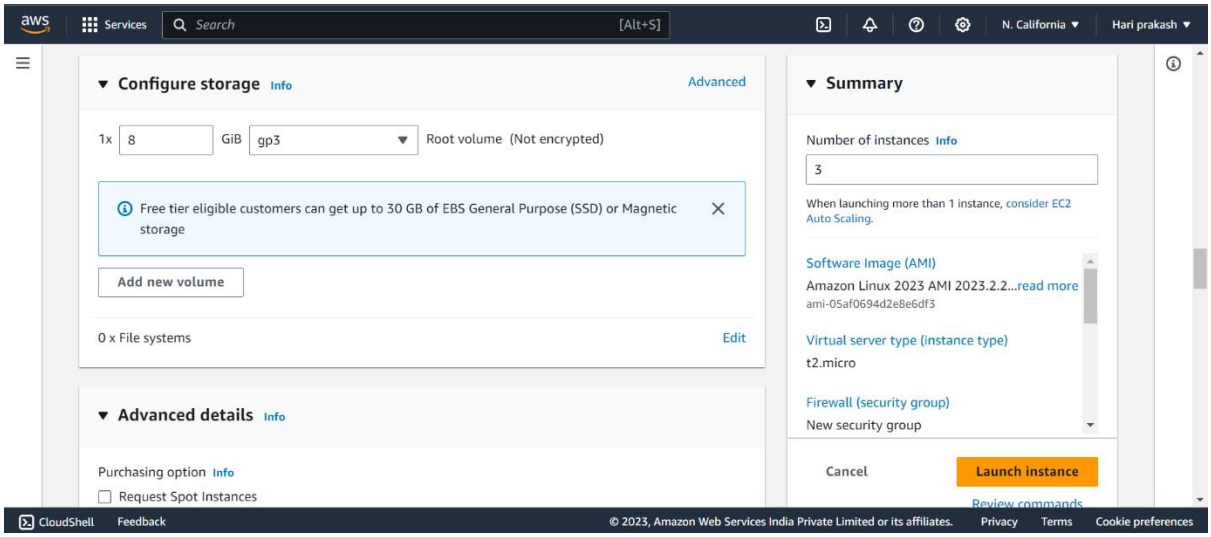
5.And then we get that linux 2023 AMI



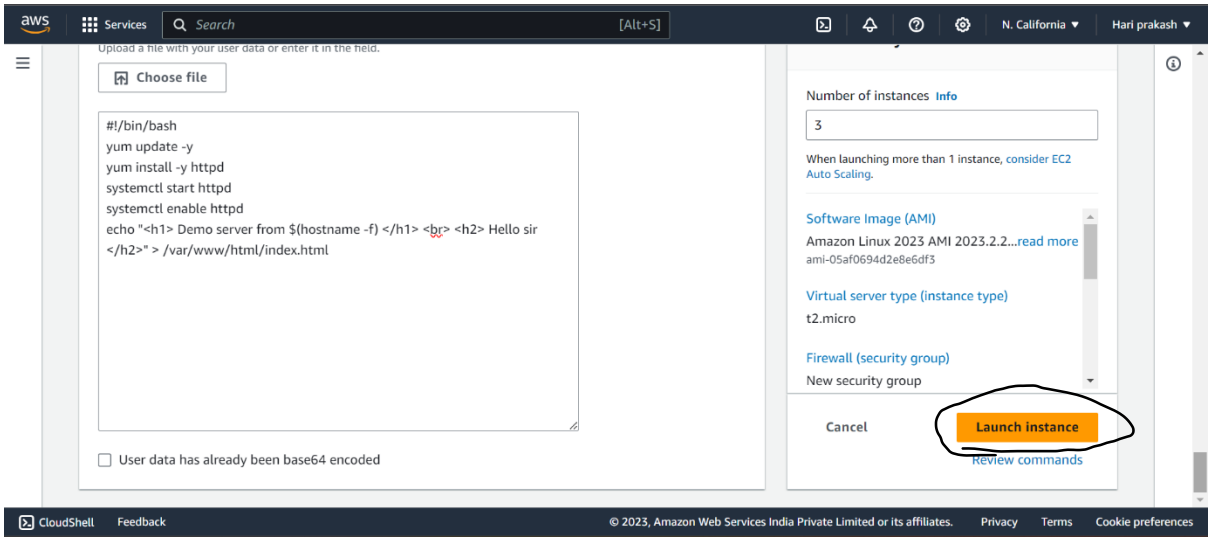
6.And then select the instance type as t2.micro for the memory as 1 GIB and then we enter the 1 as a cpu memory



7.In that we create security group and then we allow SSH traffic form and then allow HTTP traffic form and in the no of instance select as 3

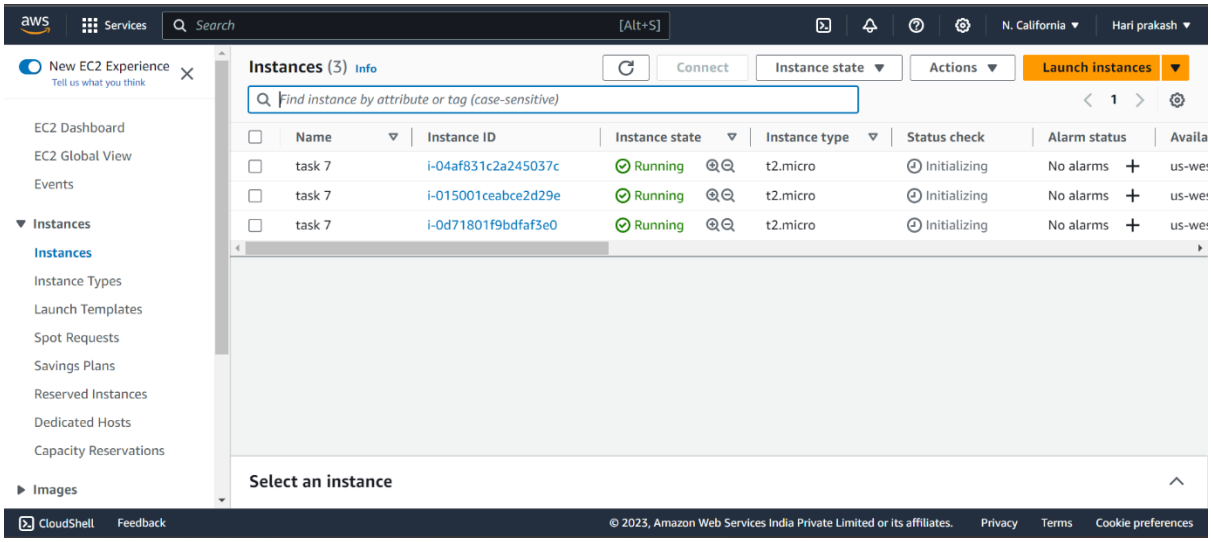


8.And then select the configure storage as default

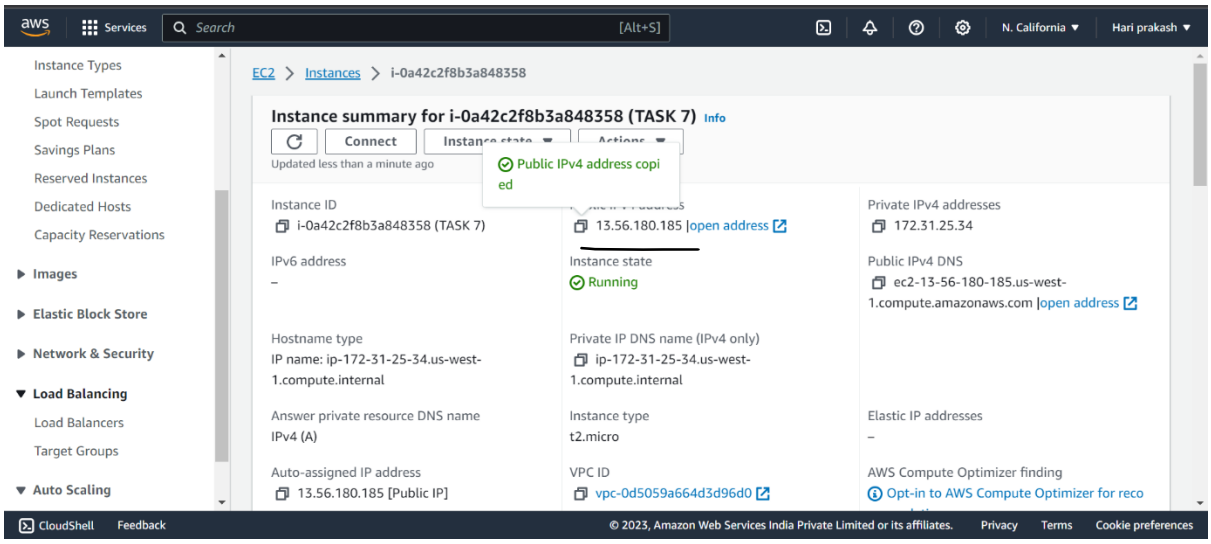


10.And in the advance details upload the code that we copied and then paste in that field and we launch the instance.

11.In that we launch the instance then we successfully launched our instances



12.And we see that task 7 we launched the instance

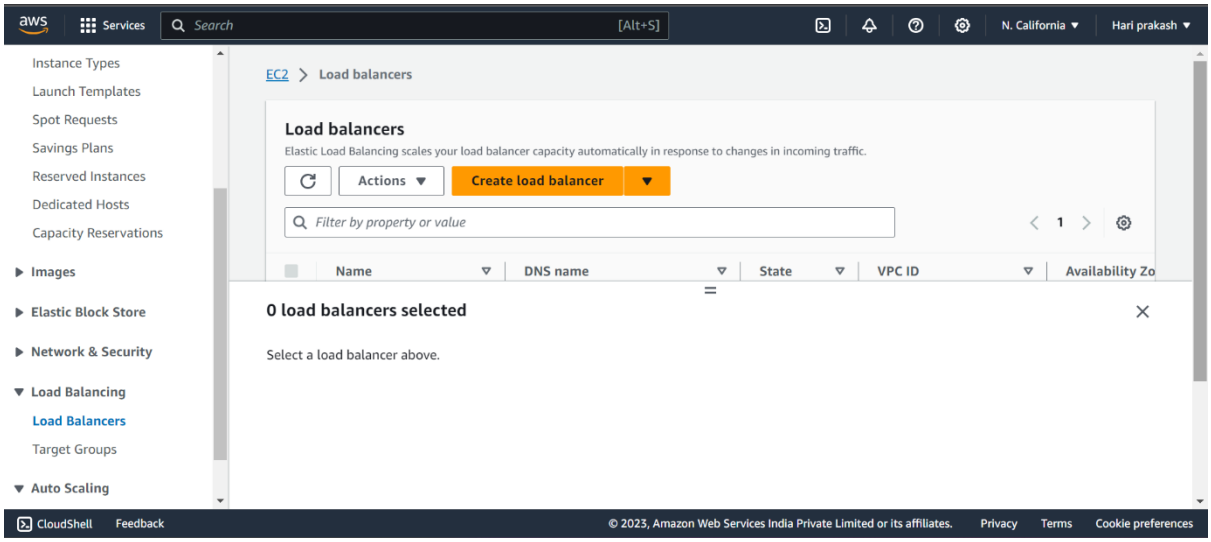


13.And then copied the private IPv4 and then paste them in the new tab

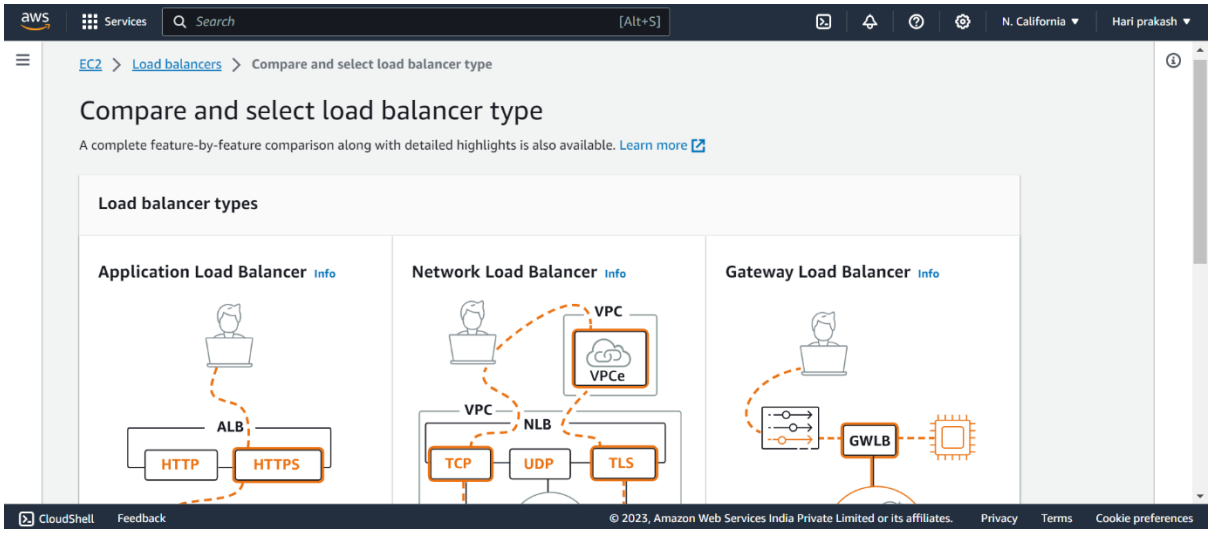
Demo server from ip-172-31-25-34.us-west-1.compute.internal

Hello sir

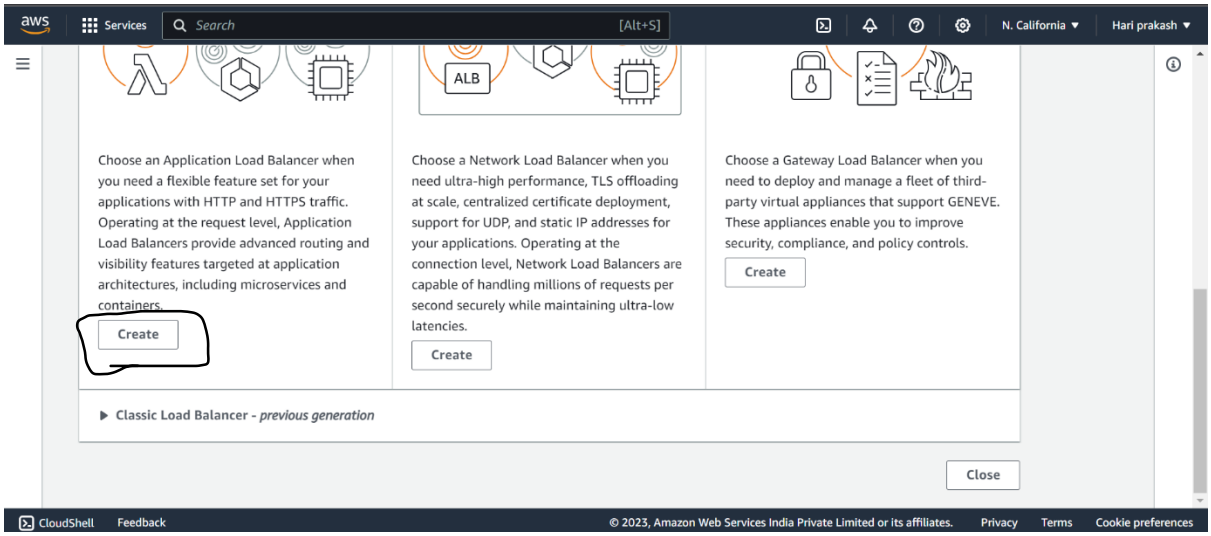
14.Here get that the Hello sir in that new tab after pasting that IPv4 address



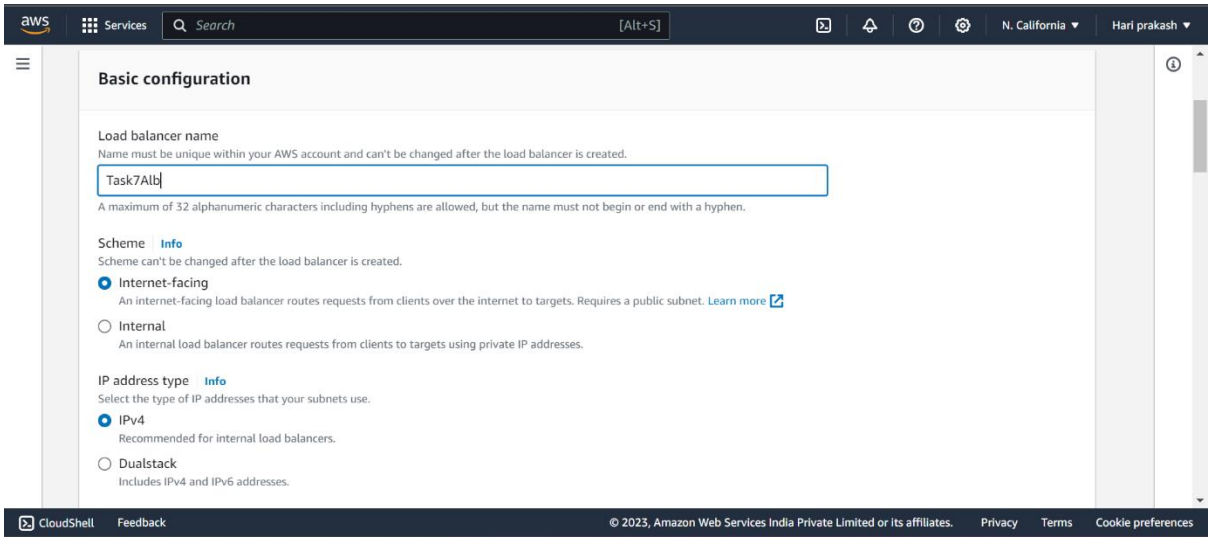
15.From that we click the load balancing we click the Load balancer and then we click the Load balancer



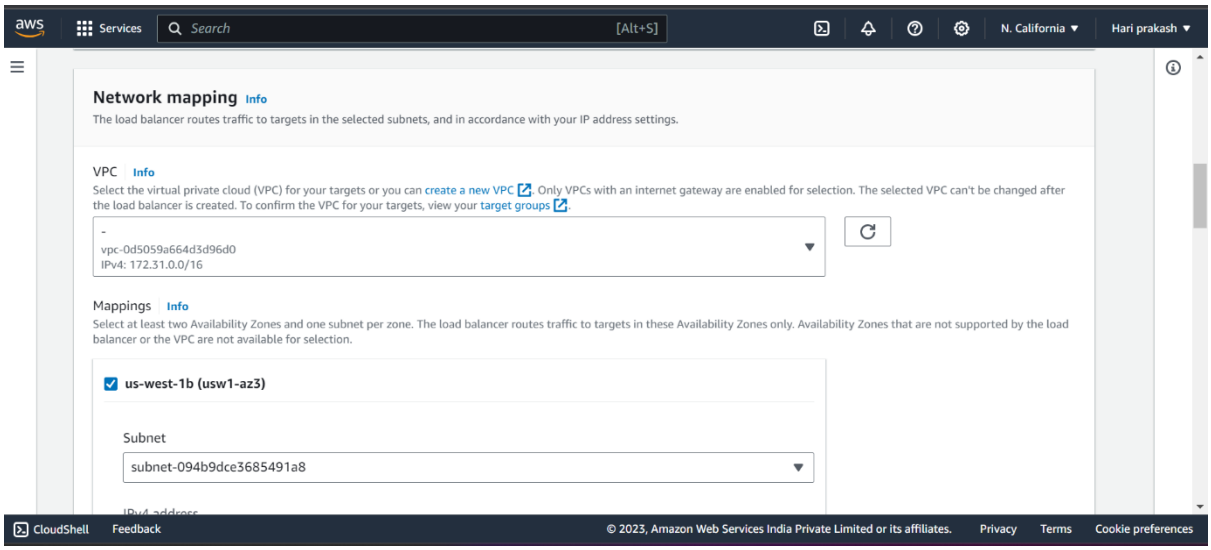
16.After that create the load balancer we get the above slide



17.In that we click the Application Load Balancer and then click the create button

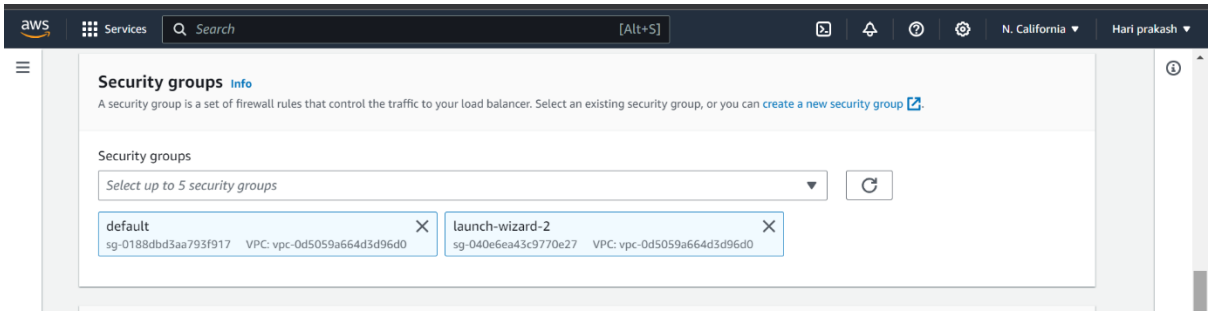


18.In that we get the basic configuration and we enter the Load balancer name as Task7ALB and then click the schema as a Internet-facing.We select the IP address type as IPv4

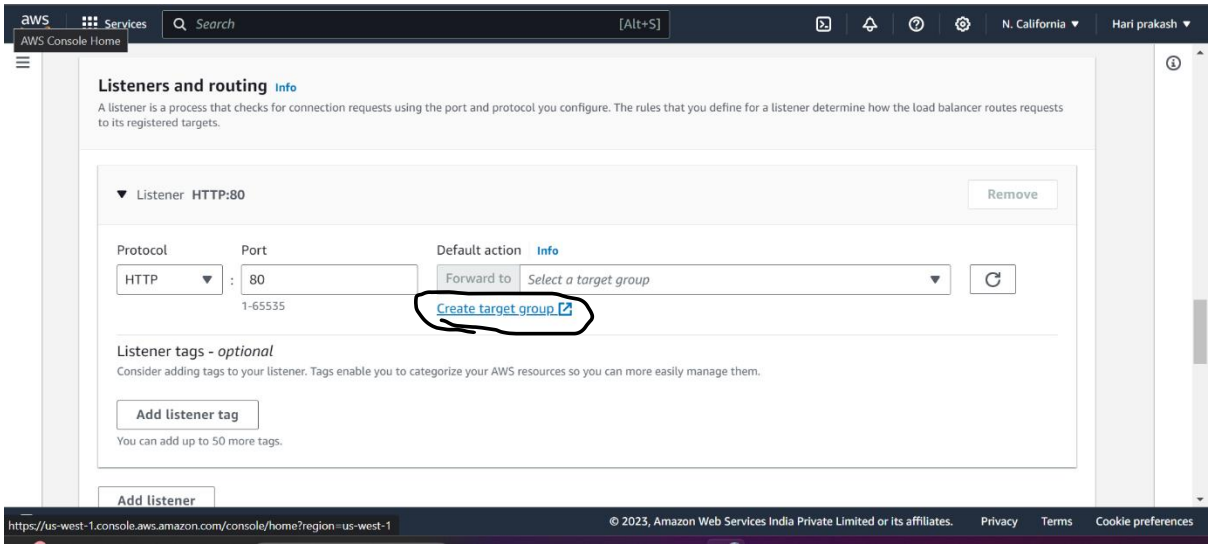


19.After that network mapping and then in VPC we select the VPC

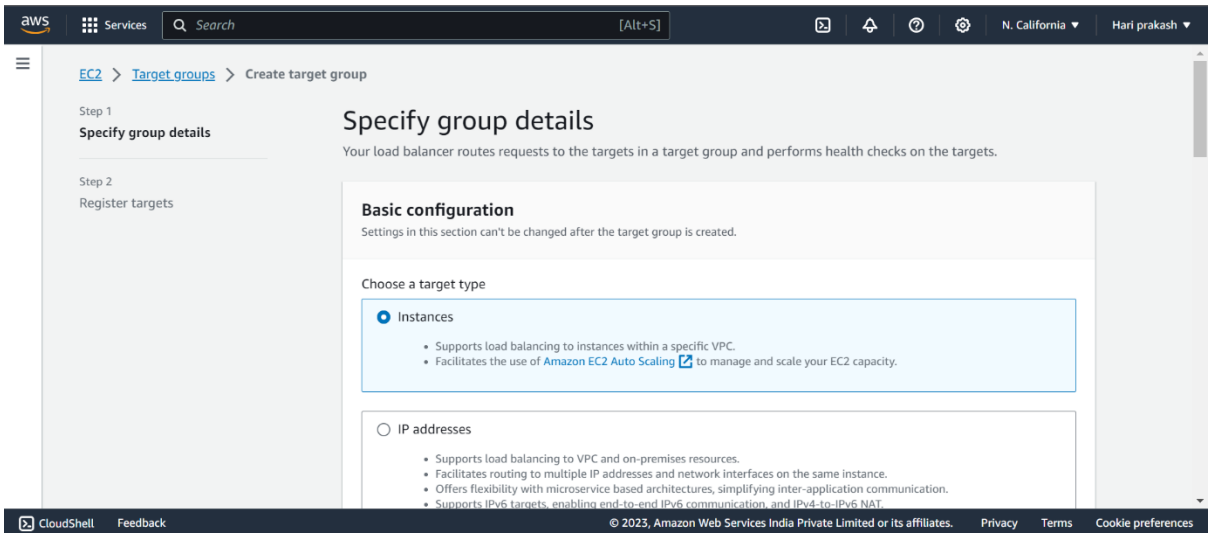
And then select the mapping zone



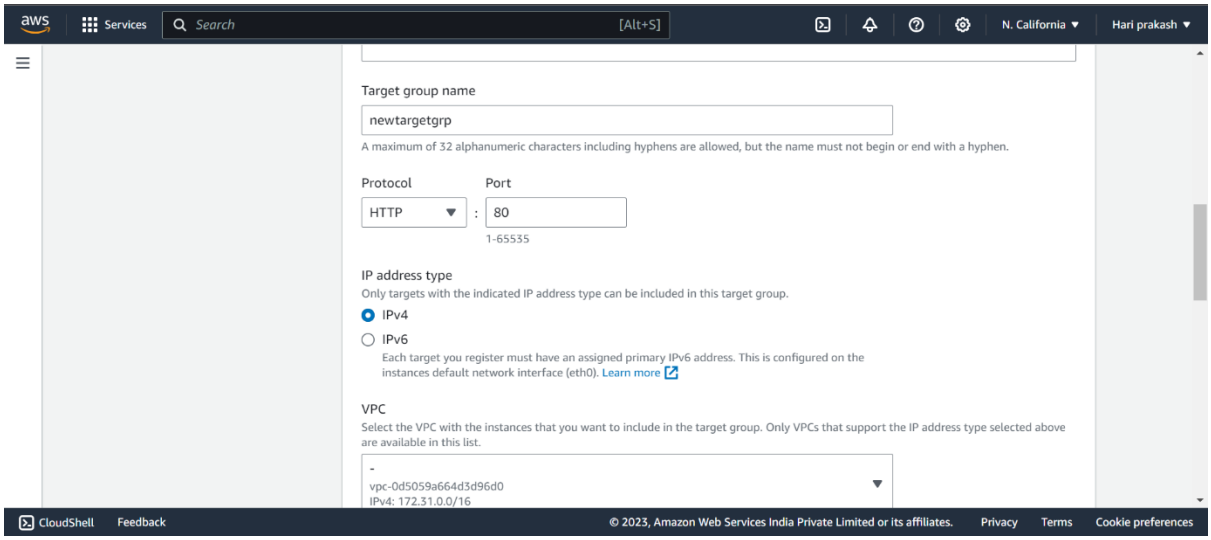
20.In that we select the security group as a both default and then the Launch wizard-2



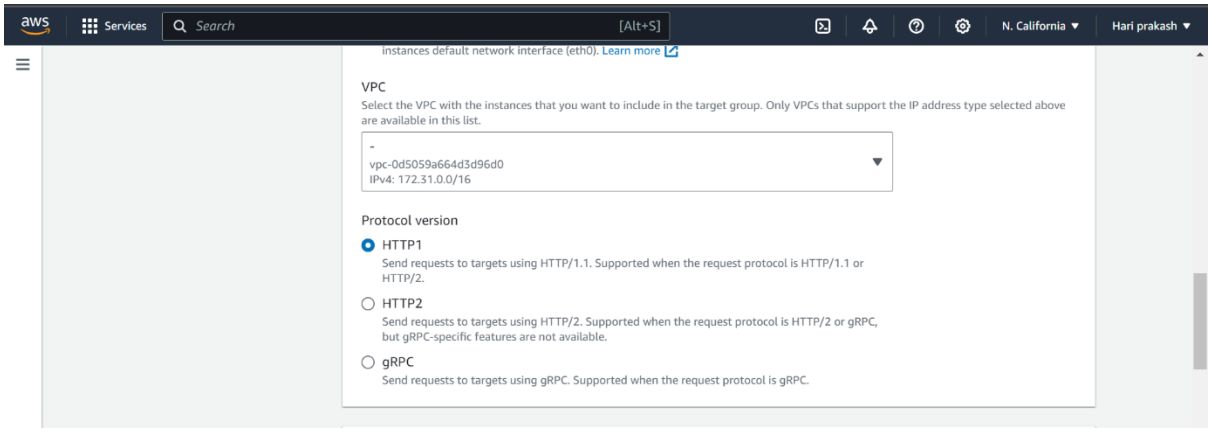
21.In that Listeners and routing we select the protocol as a HTTP and then the port as 80 and then we create the target group



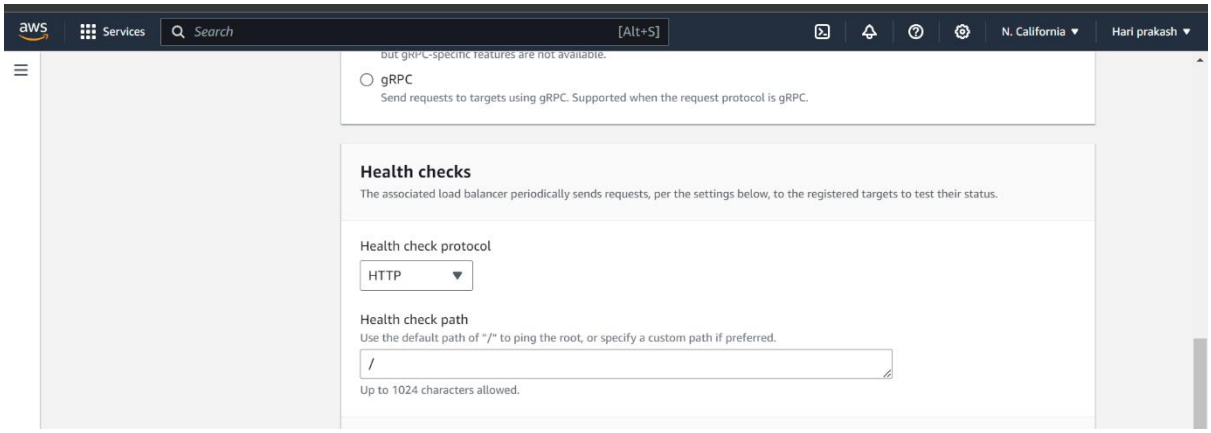
22.This slide is that we select the basic configuration as a Instances



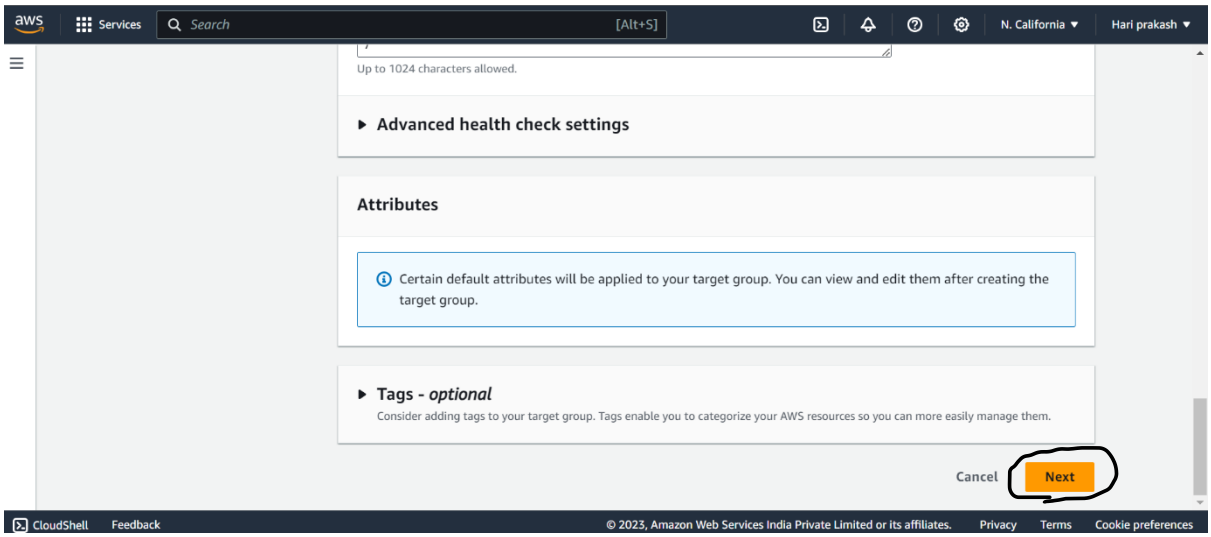
23.In that Target group name as a newtargetgrp and then select the IP address type as IPv4 and then select the VPC



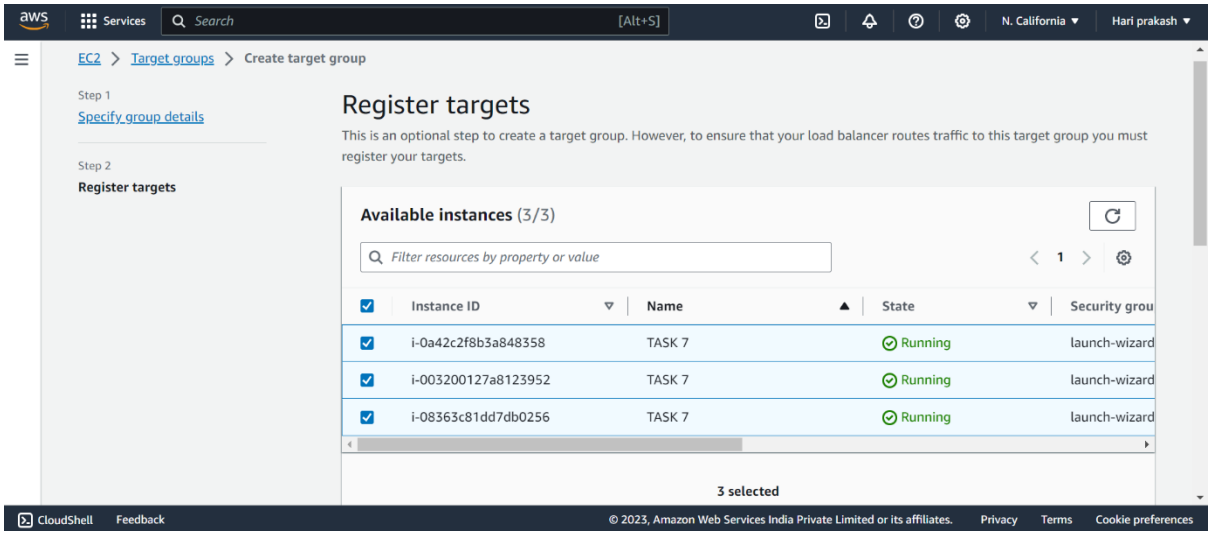
24.And then we select the protocol version as a HTTP1



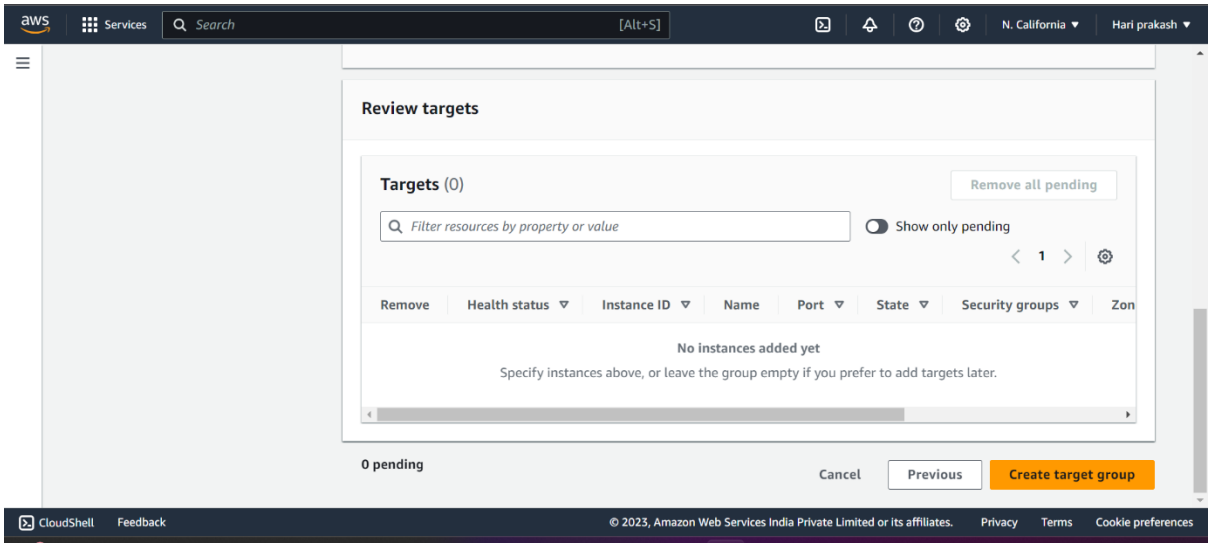
25.In the Health Checks we enter the health check protocol as HTTP



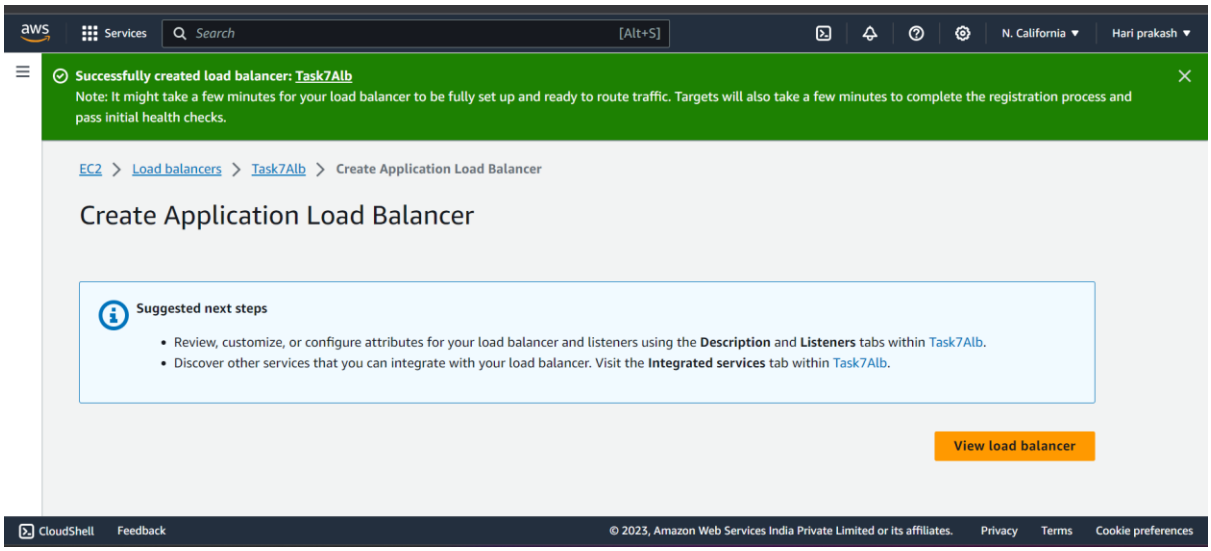
26.After Finishing the steps then click the next button



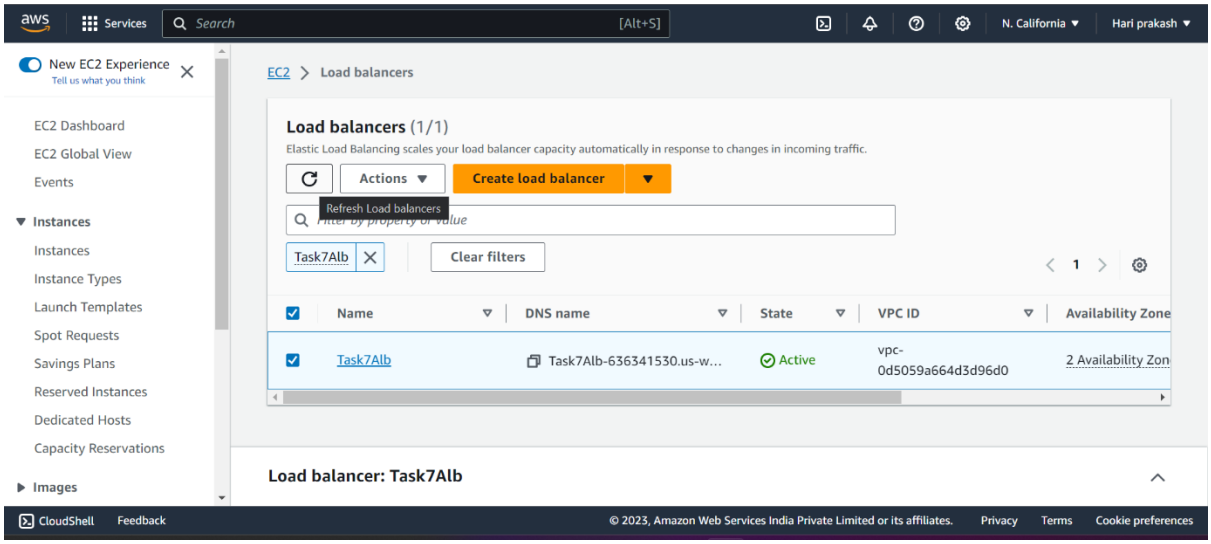
27.In that we can able to see the available instances and then select the instance id



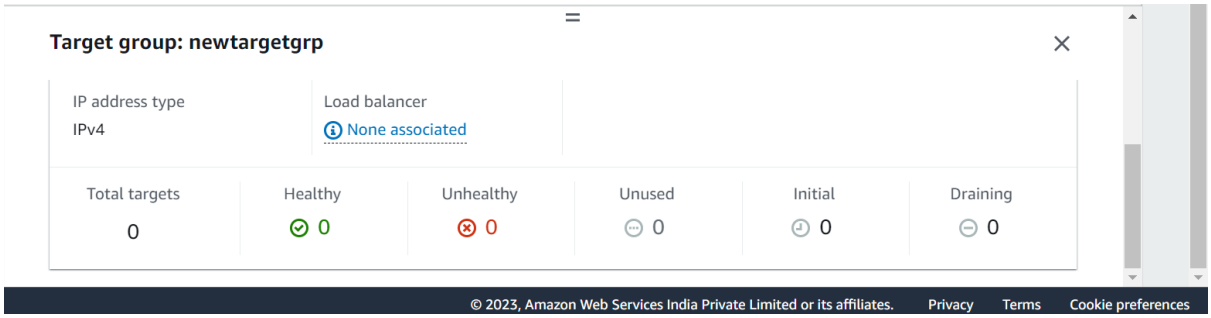
28.In that below we can able to see that we can able to create target group and then click that



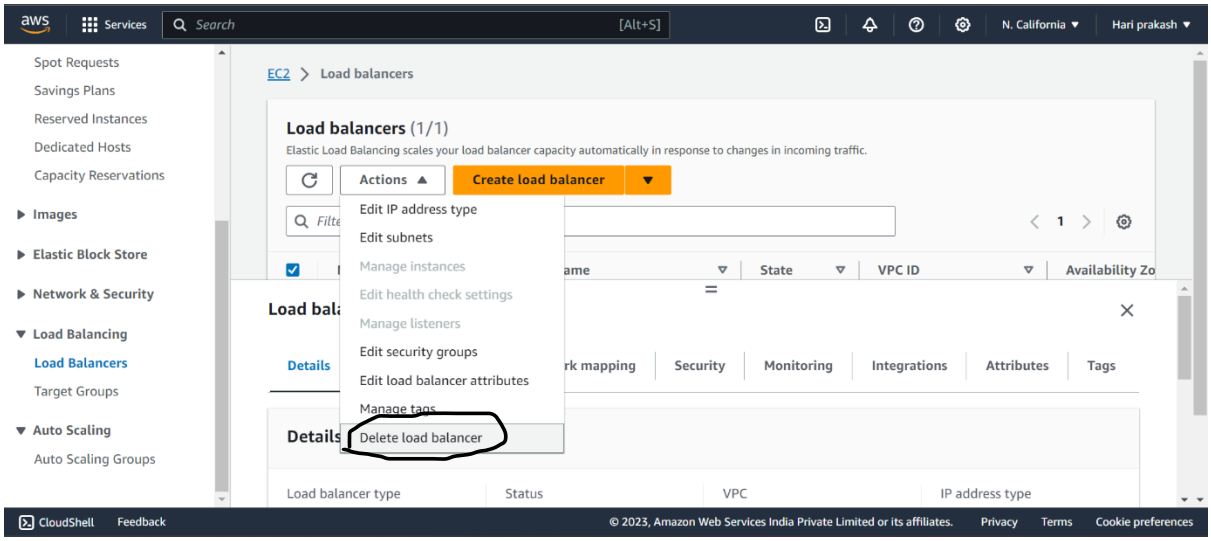
29.From that green line we can able to see that we successfully created loaf balancer as a Task7ALB and then click load balancer



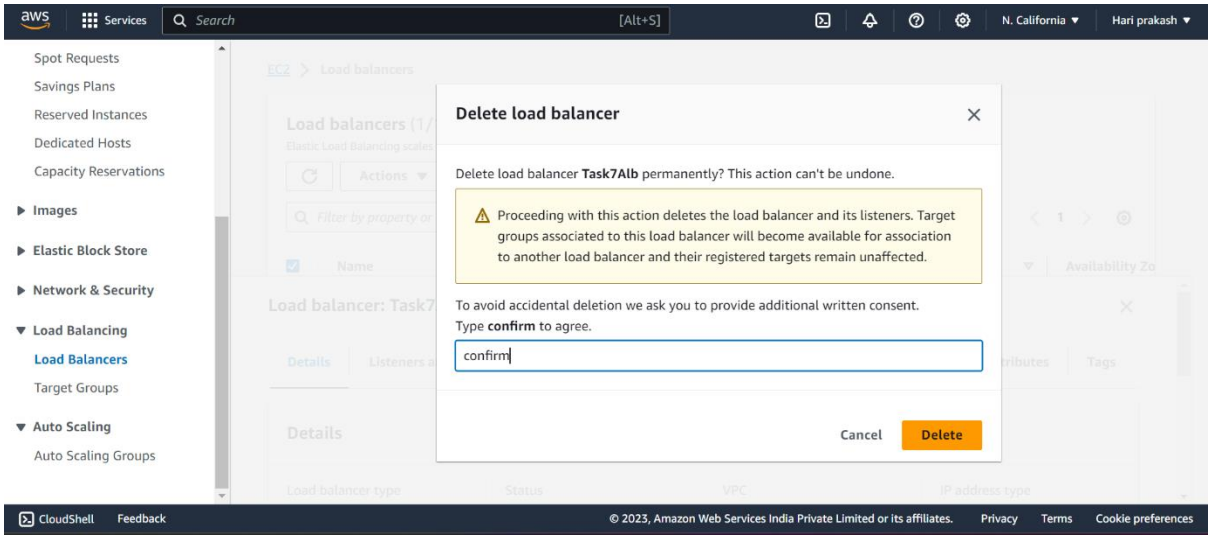
30.From that we click the view load balancer we see that Task7ALB and then state as Active



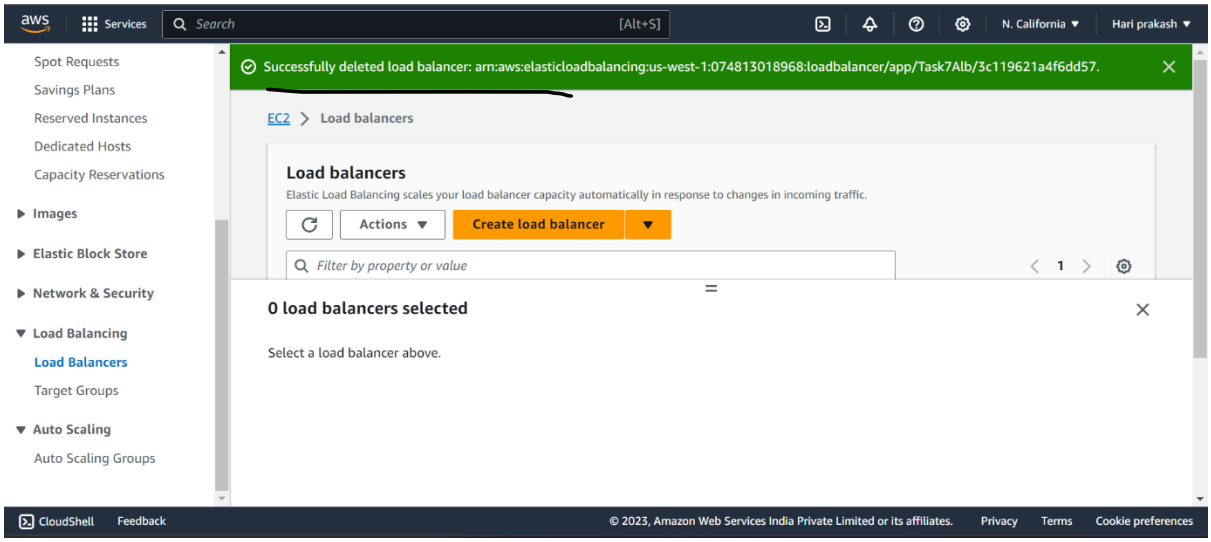
31.From the above slide we can see that our Target group is in Healthy



32.After that creating the Load balancer we just delete the load balancer



33.In that tab we just type as confirm to delete the Load balancer and then click the Delete



34.In that Load balancers we can able to see that successfully deleted load balancer in the below of search.