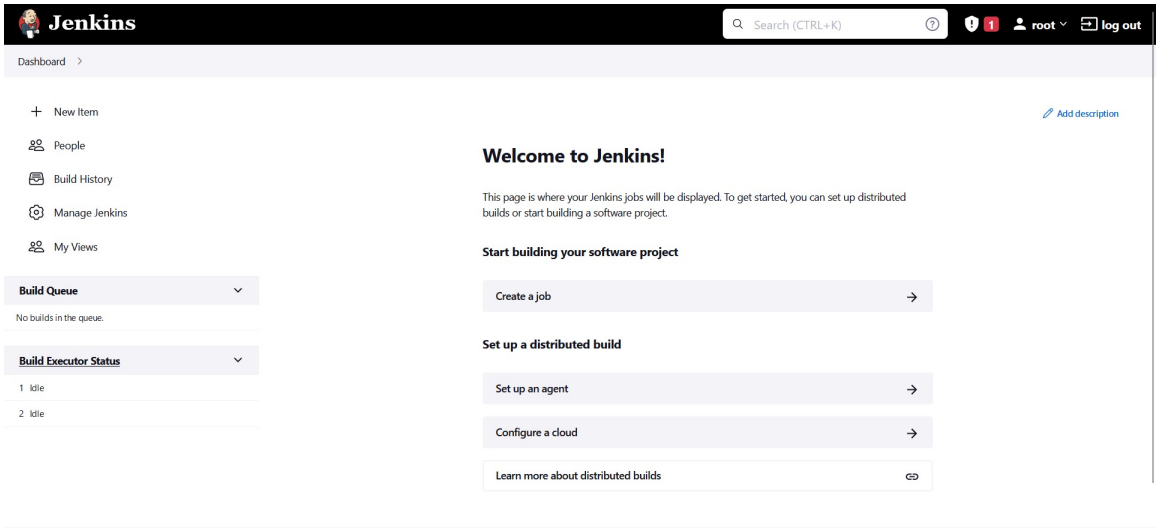
Create a 3 instance say jenkins-master, jenkins-worker1, jenkins-worker2

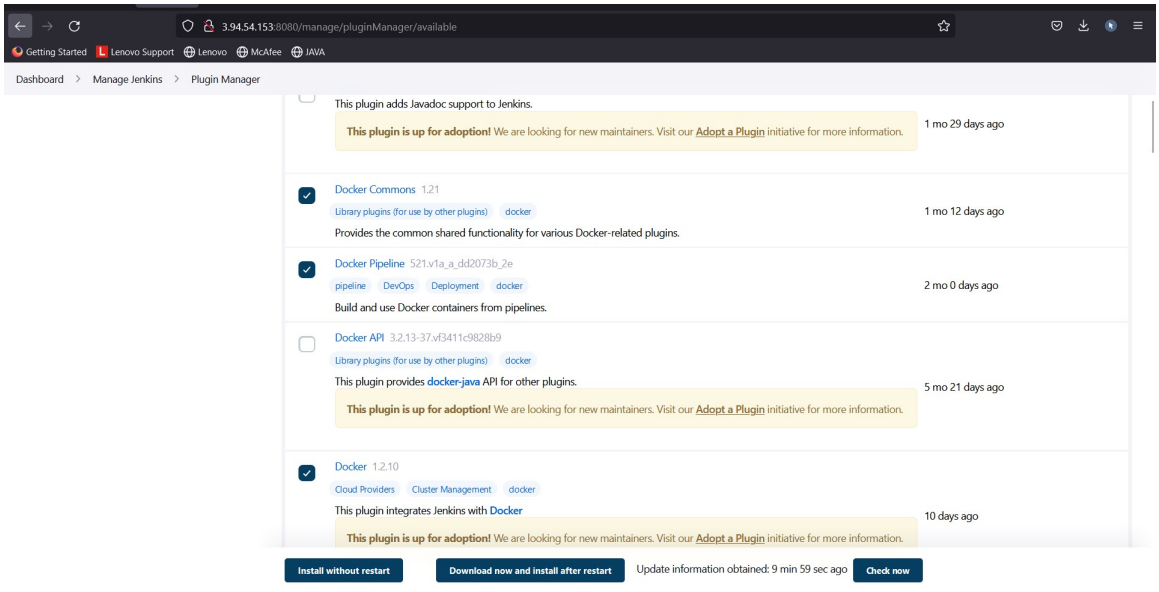
and install the docker

and install the jenkins

allow all traffic



Click on manage jenkins and install the plugins for docker



and click on install without restart

Now go back to dashboard

go to manage jenkins

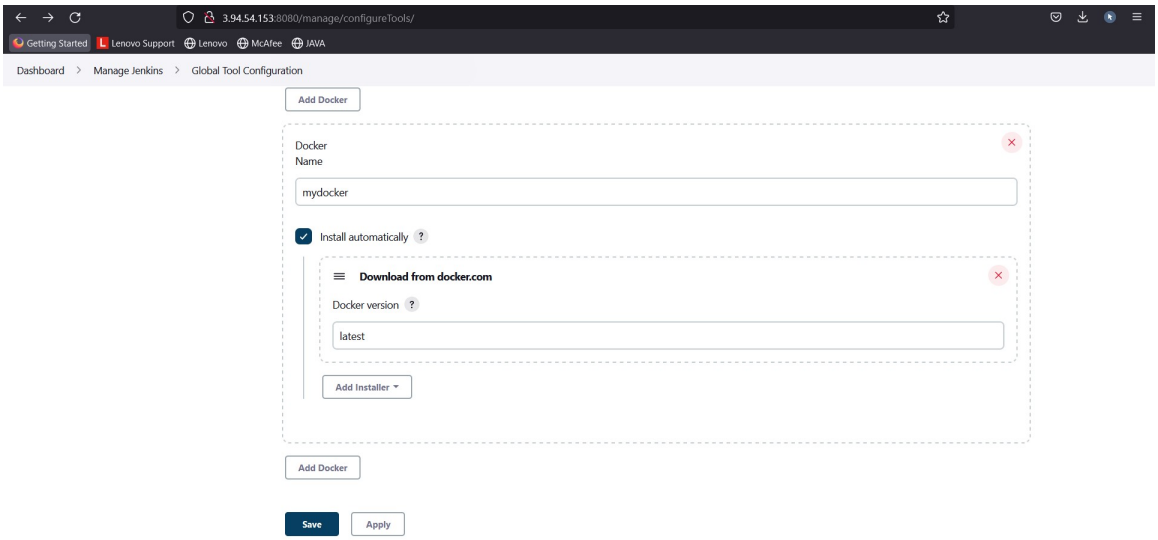
click on global tool configuration

In docker click on add docker

Give a name to docker say mydocker

click on install automatically and choose download from docker.com

and click on save



Now add credential of docker to jenkins so go to manage jenkins and add credentials

click on global

add credentials

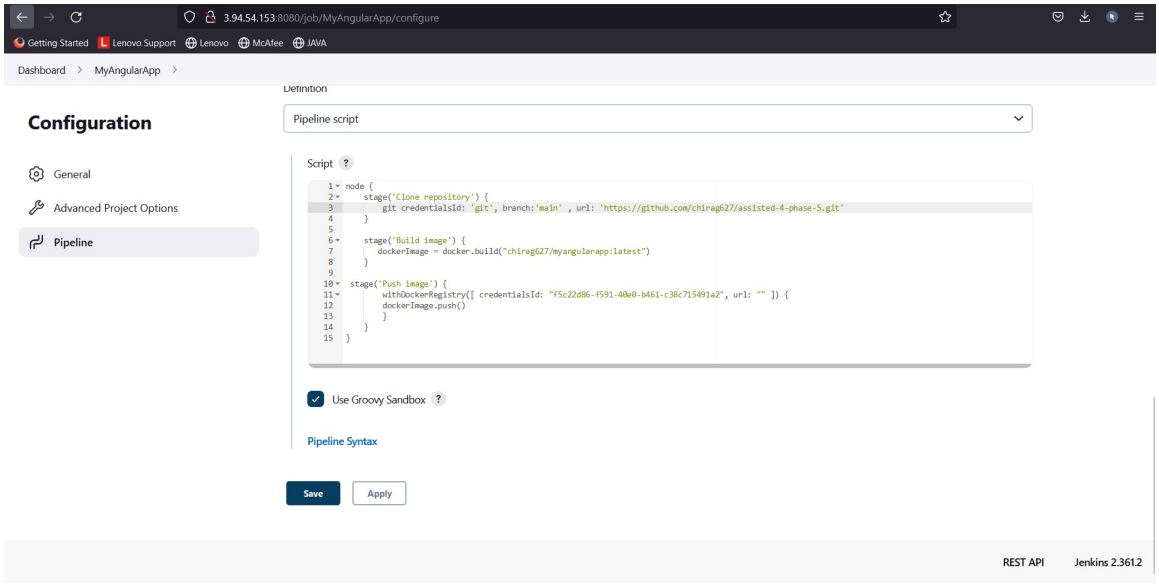
and push angular app on github

and go to jenkins dashboard> new item

give name to your app

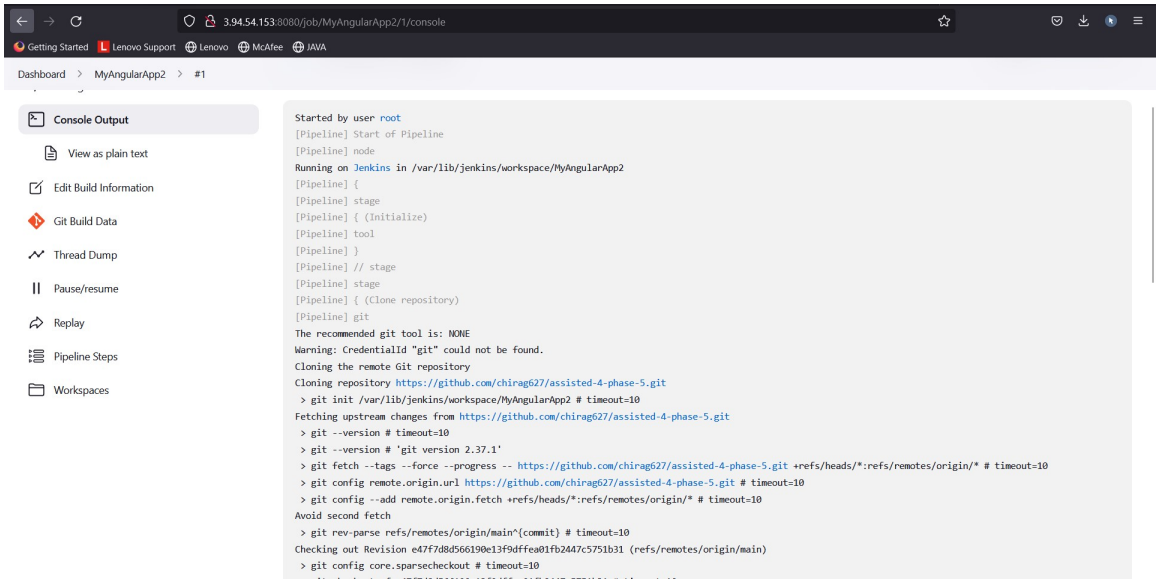
click on pipeline

and paste the script in pipeline script



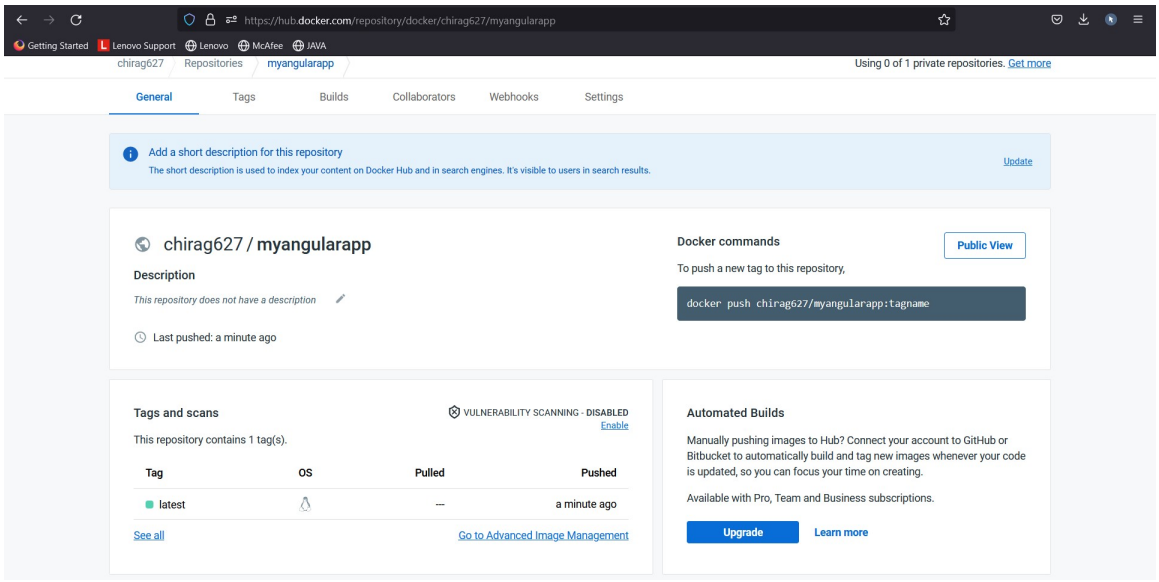
and click on save

now build the angular app



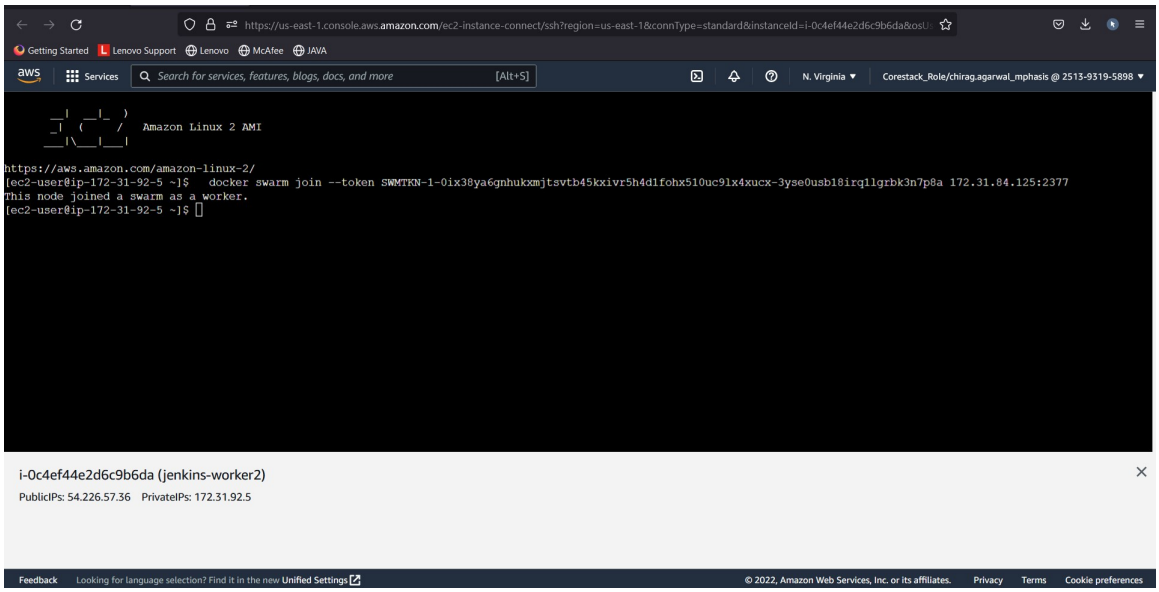
and wait for the build to complete

once the build is complete go to docurhub and get the app image



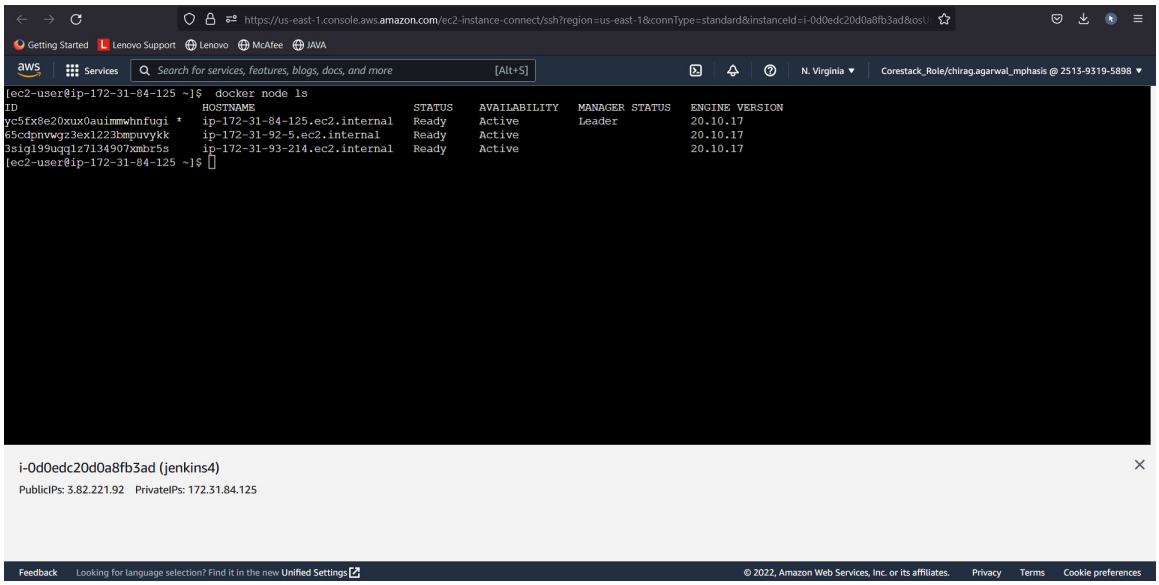
Now go to master and run the command docker swarm init --advertise-addr <private-ip-of-master>

which will give another command and run the command on workers



Now to check the status of workers use

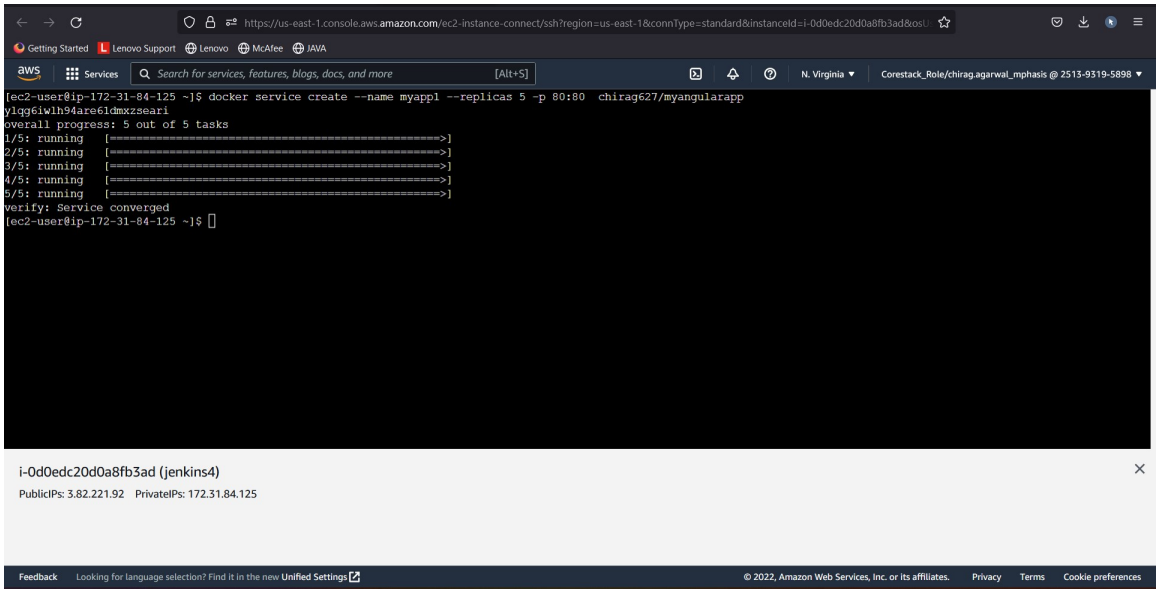
docker node ls



Now to use the image which we uploaded on docker hub and create replicas

use command

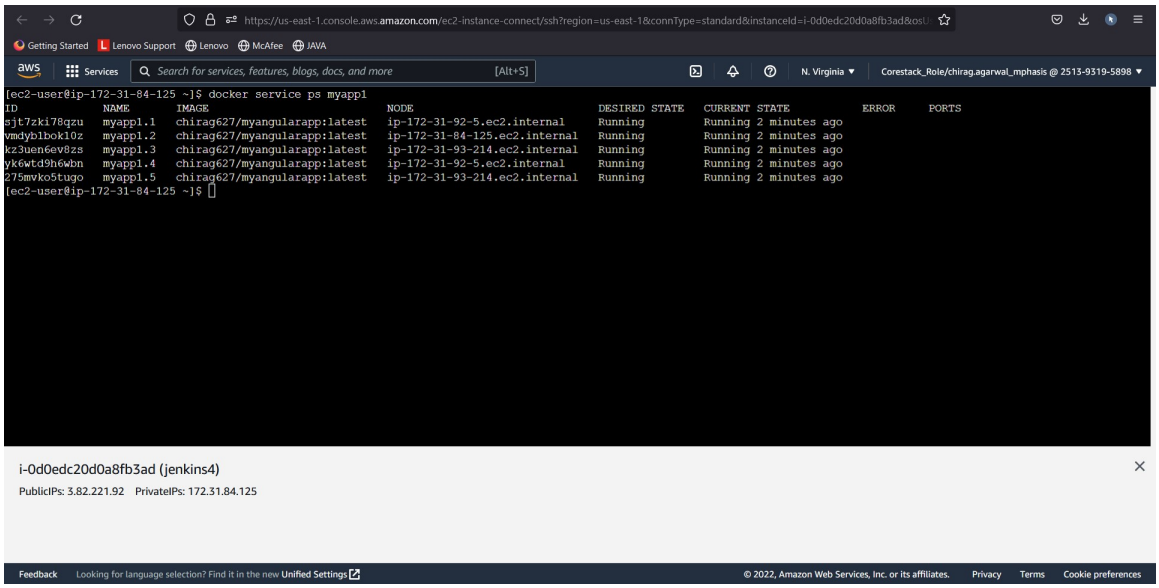
docker service create --name myapp1 --replicas 5 -p 80:80 chirag627/myangularapp



Now to check which replica running on which worker

we can check by

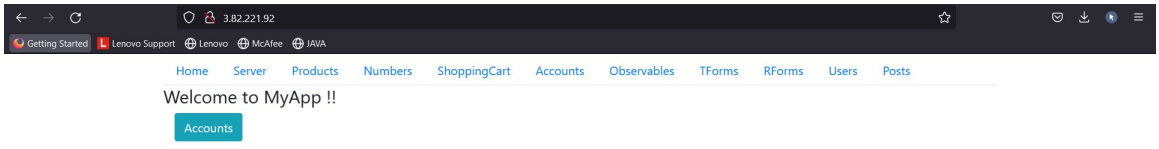
docker service ps myapp1



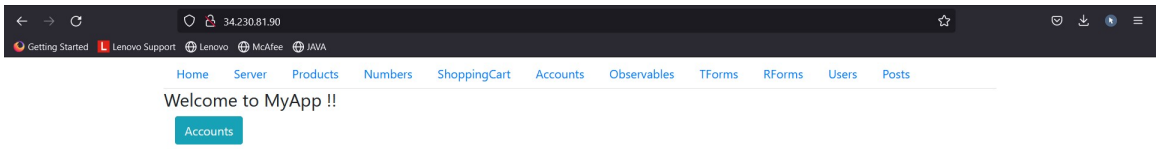
Now we can check by going to every replica

by entering Public Ip address

On master



on worker 2



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on worker 1