Write up:

1. Pre requisites

* STS Eclipse
* GitHub
* Jenkins
* Docker Desktop/Docker toolbox
* Docker hub
* Aws

Step:1 🡺 First create the two spring boot application and connect the two microservices using the restTemplate

Step:2 🡺 Then right click the application and run as 🡺 maven build 🡺 package

Step:3 🡺 Then create the docker file with configuration

Step:4 🡺 Push the code to the Github

Commands

* git init
* git status
* git remote add origin <https://github.com/praveenece2704/consumerrepo.git>
* git add .
* git commit -m “first commit”
* git push -u origin master

Step:5 🡺 Create the two new items one for producer and one for consumer with the free style and give the necessary github and docker configuration and then run the projects and push the project to the docker hub

Step:6 🡺Then create the two instance in the Aws and then install the docker in the both the instances and then create the docker swarm by telling the instance to master and slave then create dockerconfig.yaml for docker configuration

Step:7 🡺 Then run both the instance and copy the public IPv4 url of the consumer and paste in the browser with the port number and api path.

Finally we got the output in the form of json