**Setting Up Jenkins Pipeline to Deploy Docker Swarm-Writeup**

1. Create two springboot projects producer which has the testcontroller and consumer which fetches the data in JSON format from the producer.

2. Consumer project sends data and retrieves information from producer project and it displays in JSON format

3. These two projects are pushed into two separate github repositories

4. In Jenkins create two freestyle projects for producer and consumer, github repo are pulled, maven install and Docker build publish are done in the Jenkins

5. Builds are pushed into Docker as images

6. In AWS EC2, two instances are created for producer and consumer which are considered as master and slave in docker swarm.

7. Connection between two projects are configured by dockerconfig.yaml