**Setting Up Jenkins Pipeline to Deploy Docker Swarm.**

**Github link:**

[**https://github.com/saranya611/testapp/tree/main/phase5**](file:///C:\Users\SARANYA%20V\Desktop\repository\phase5)

**Writeup:**

* Create a Jenkins Container and add Github and Dockerhub credentials to it
* Login to Jenkins. First time when you login to Jenkins it will ask for a secret,
* Install the Jenkins swarm agent on all the docker nodes. With this agent installed these swarm nodes will be auto discovered on Jenkins master
* Create a new GitHub organization project on Jenkins master which will scan the Github a/c and download code and start executing the pipeline . This plugin will look for repo which has Jenkinsfile and clone that repo. we can also specify the repo name in the project configuration