PRACTICE PROJECT 4

SETTING UP JENKINS PIPELINE TO DEPLOY DOCKER SWARM

ALGORITHM:

- Create an instance in AWS EC2

- Place the key pair file .pem to a desired location

- Open the .pem file location in Moba Xterm and connect through the instance by pasting SSH client key

- Install docker and check the version in Moba Xterm

- Install Java JDK 11 in Moba Xterm

- Install maven in Moba Xterm

- Install Jenkins in Moba Xterm

- Start Jenkins and check the status

- Once the status is checked copy the public IP of the instance with port :8080 and login to Jenkins

- Get the secret key for Jenkins login in Mobaa Xterm

- Install maven integration in Jenkins

- Create a new item as pipeline project

- Add the command to be executed in pipeline Script

- Apply and Save

- Click on build now

- Once the build is successful, you can view the output in Stage View also can check the console output