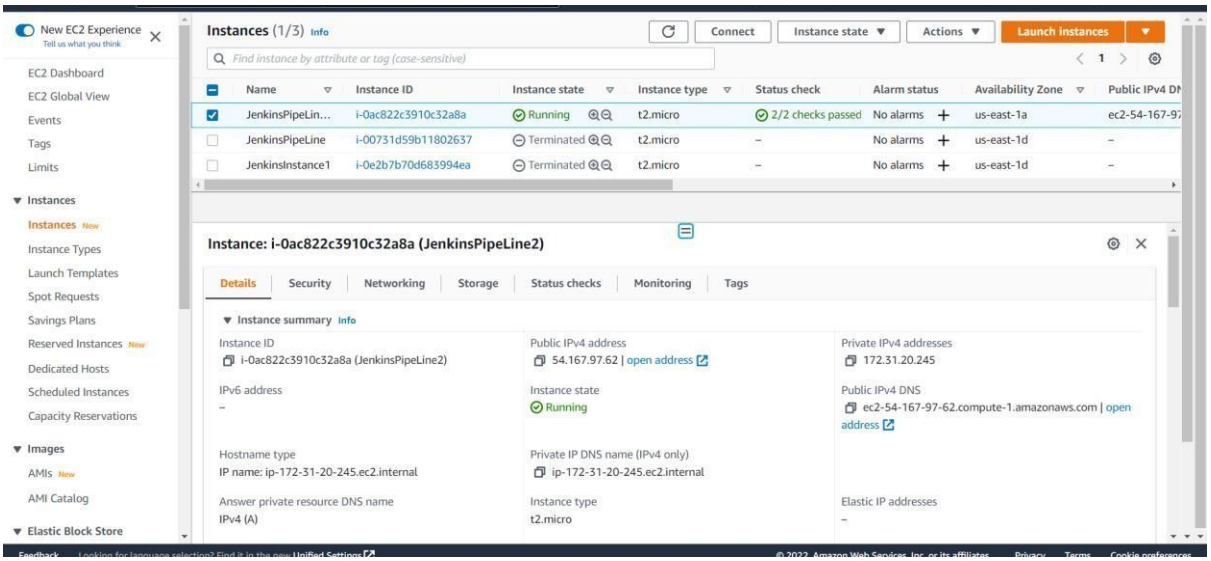
PHASE 5

PRACTICE PROJECT 4

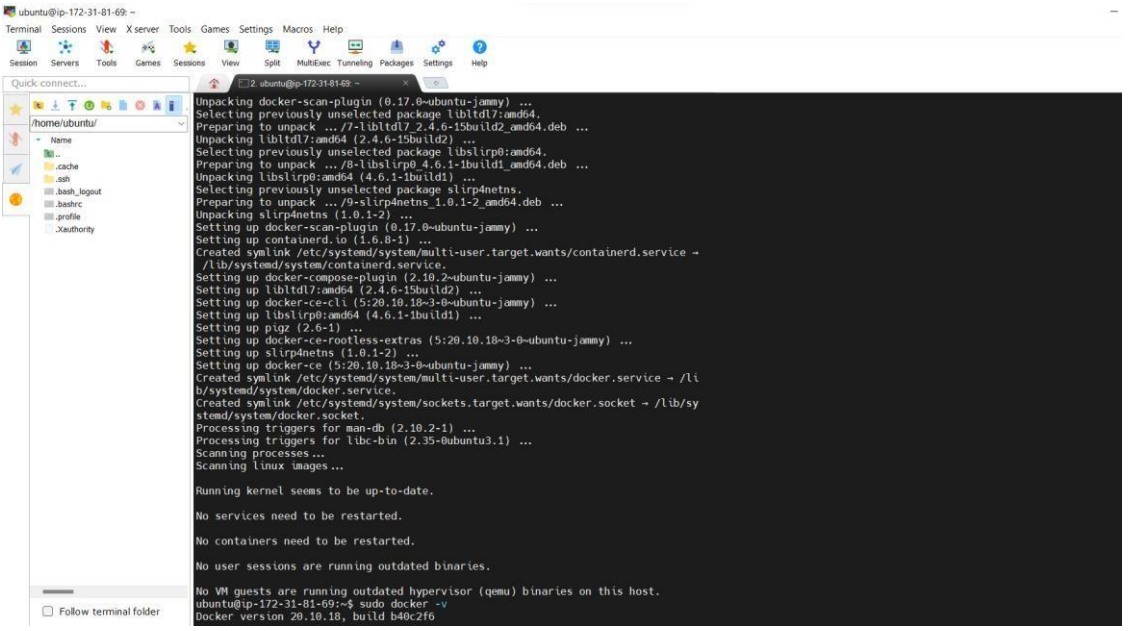
SETTING UP JENKINS PIPELINE TO DEPLOY DOCKER SWARM

SOURCE CODE

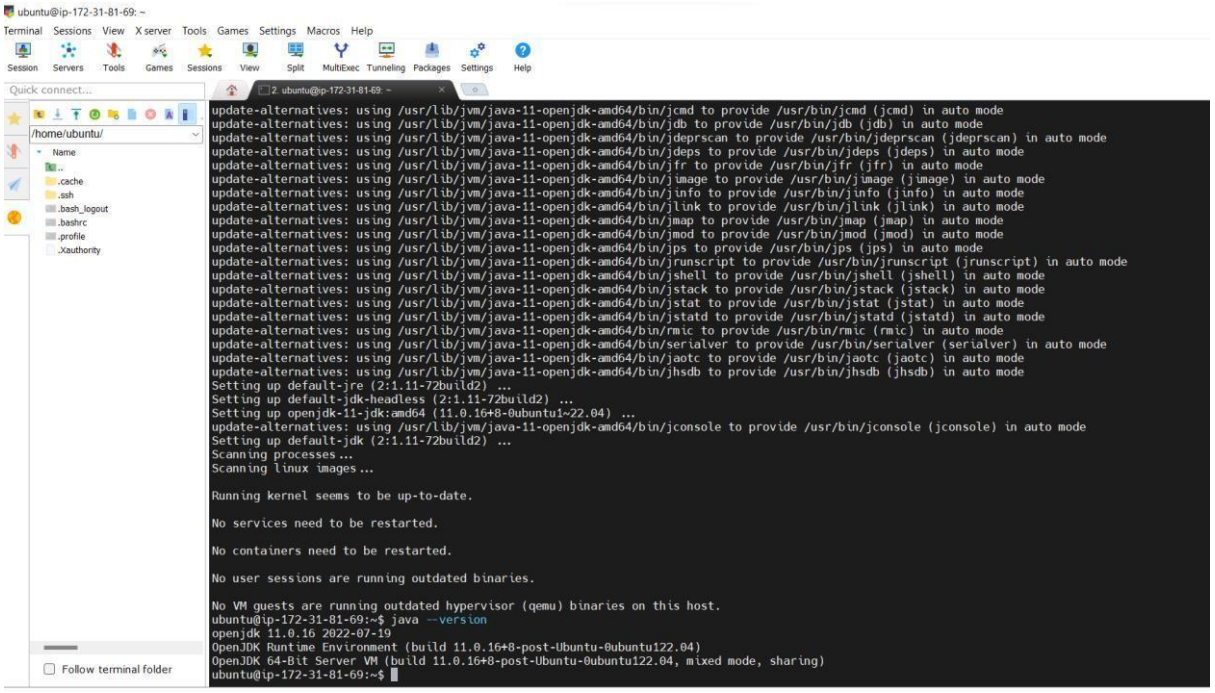
- **Create an Instance:**



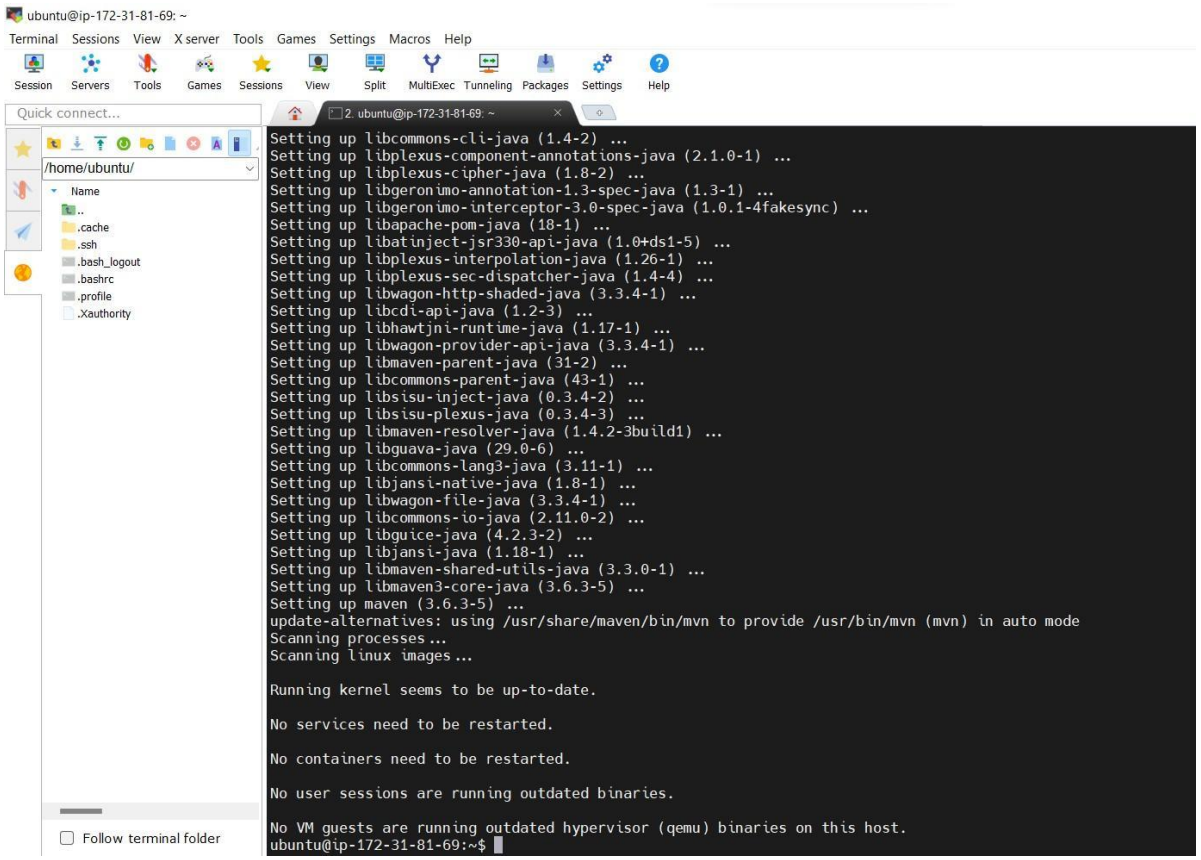
- **Install Docker**



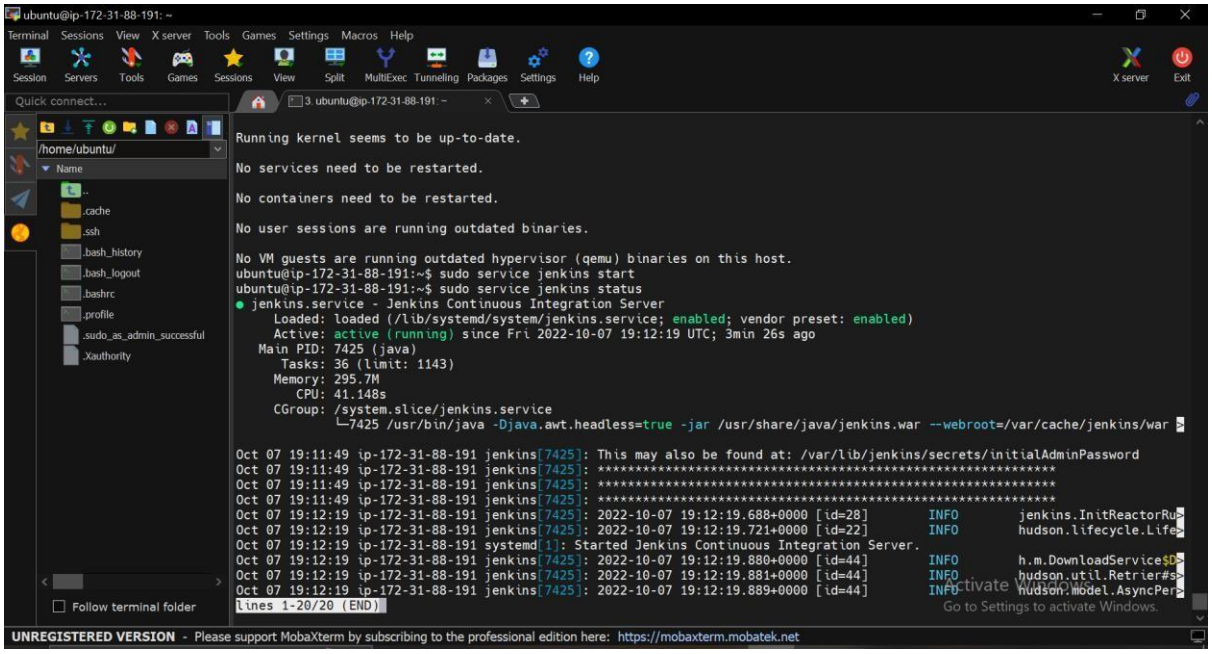
- **Install Java version 11:**

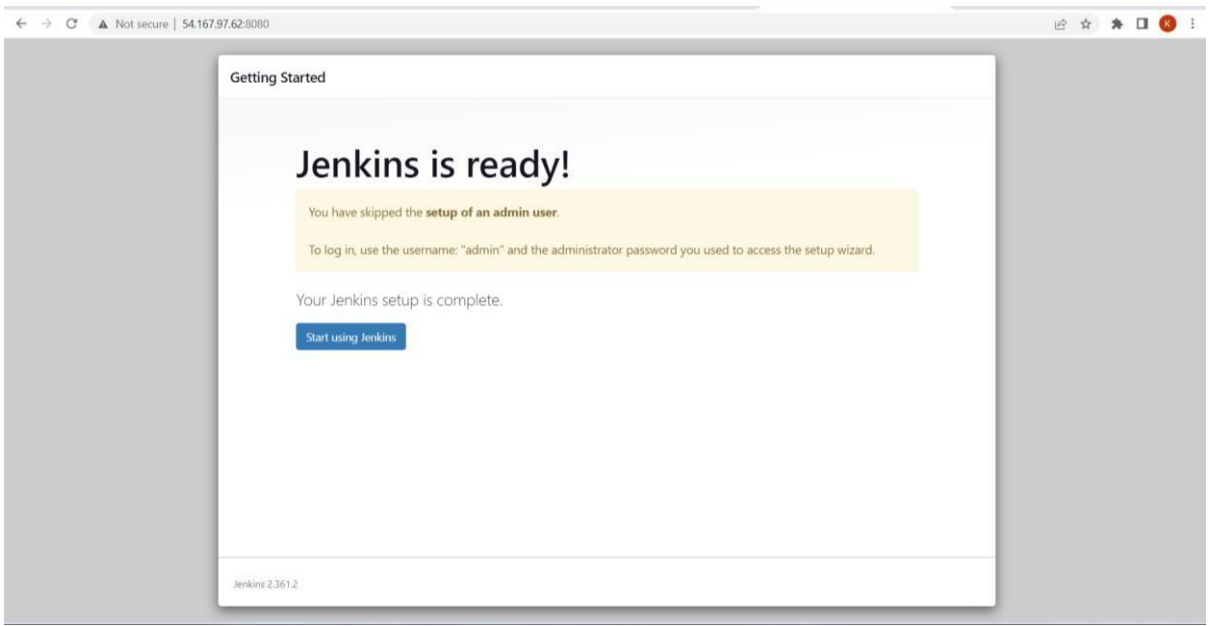


- **Install maven:**

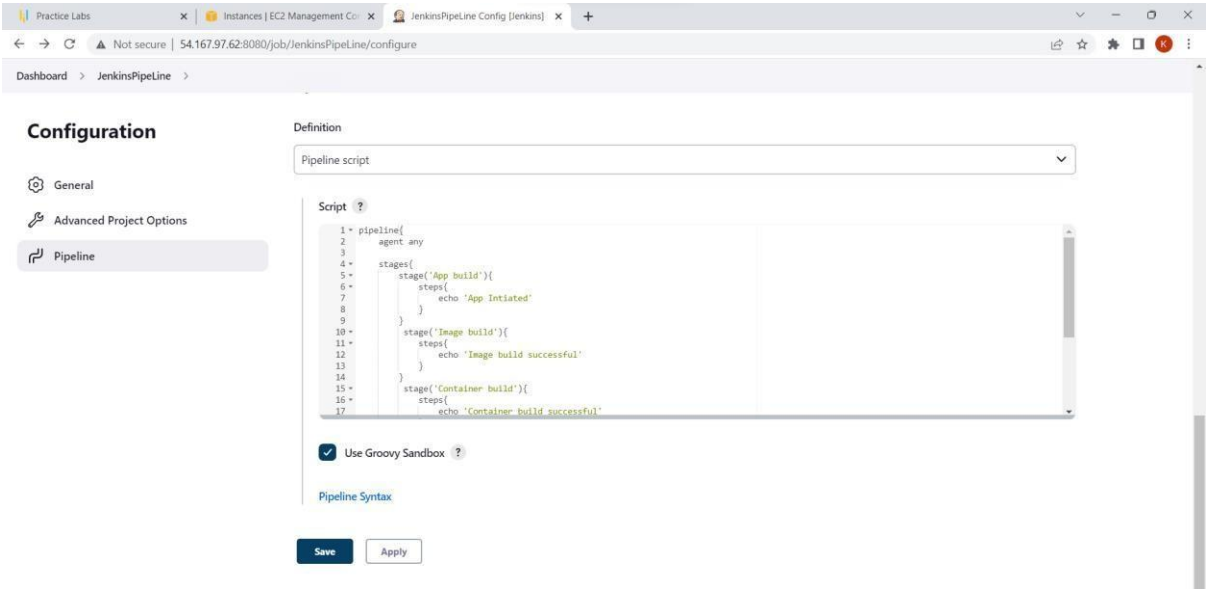


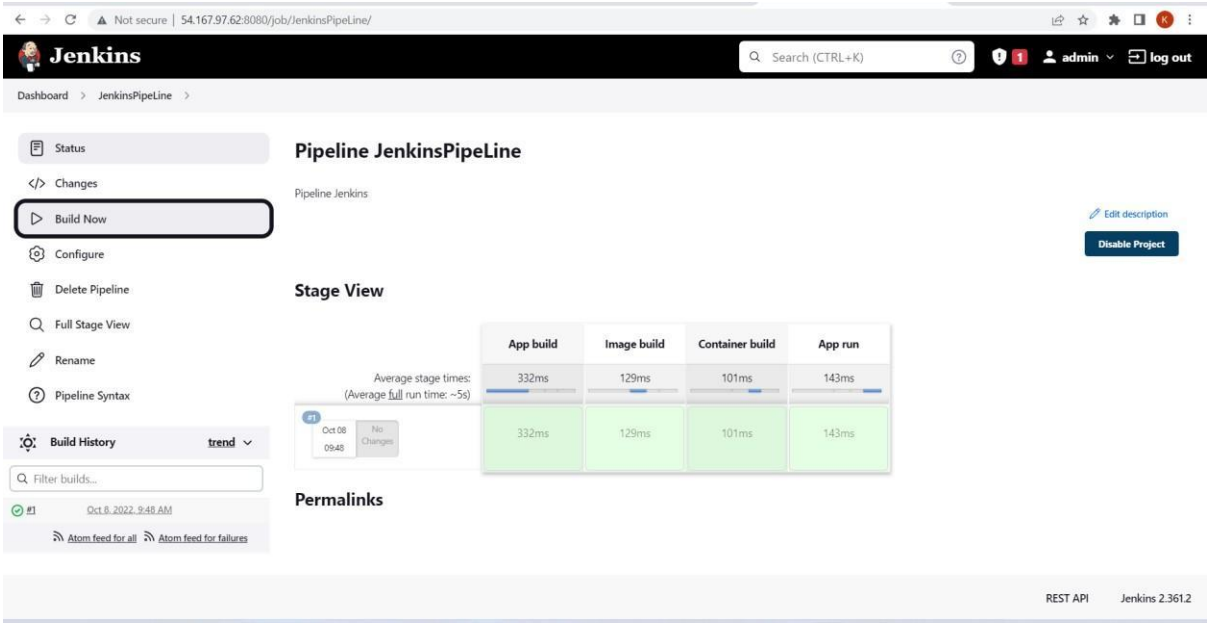
- **Install Jenkins**

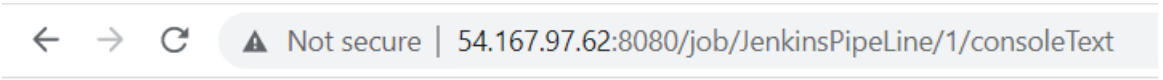




- **Create Jenkins Pipeline:**








```
Started by user admin
[Pipeline] Start of Pipeline
[Pipeline] node
Running on Jenkins in /var/lib/jenkins/workspace/JenkinsPipeLine
[Pipeline] {
[Pipeline] stage
[Pipeline] { (App build)
[Pipeline] echo
App Intiated
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Image build)
[Pipeline] echo
Image build successful
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Container build)
[Pipeline] echo
Container build successful
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (App run)
[Pipeline] echo
App running successfully
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```