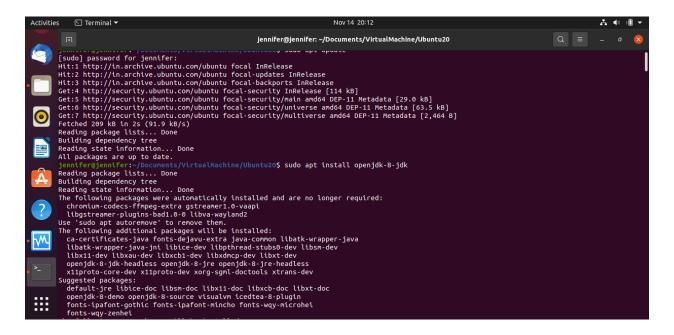
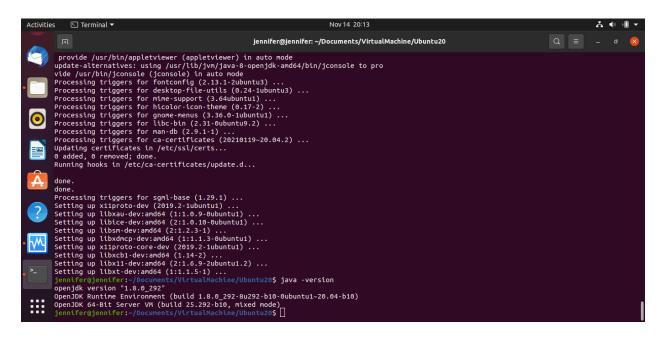
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DHARWAD DEVOPS ASSIGNMENT 3

JENKINS DOCKER KUBERNETES PIPELINE

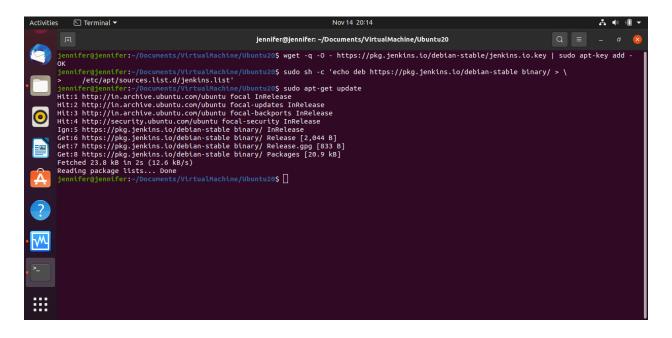
[NOTE : As we couldn't install Jenkins using the Vagrant file, we used Nginx server for Jenkins installation.]

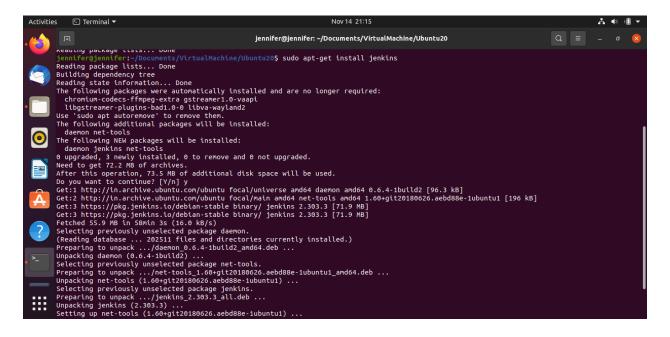
1. Install Java



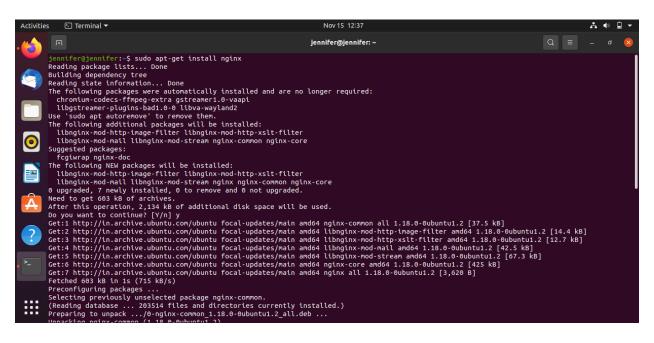


2. Install Jenkins

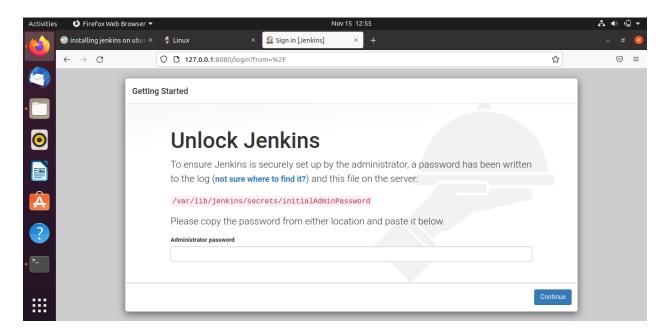




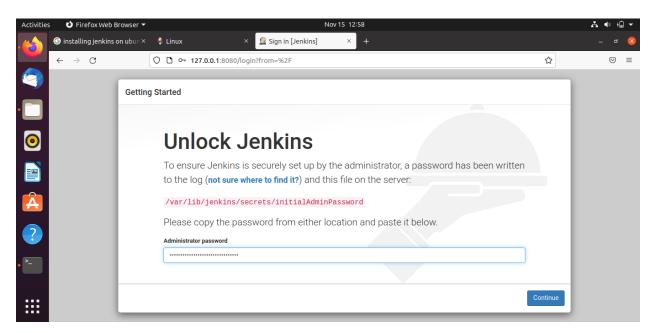
4. Install Nginx



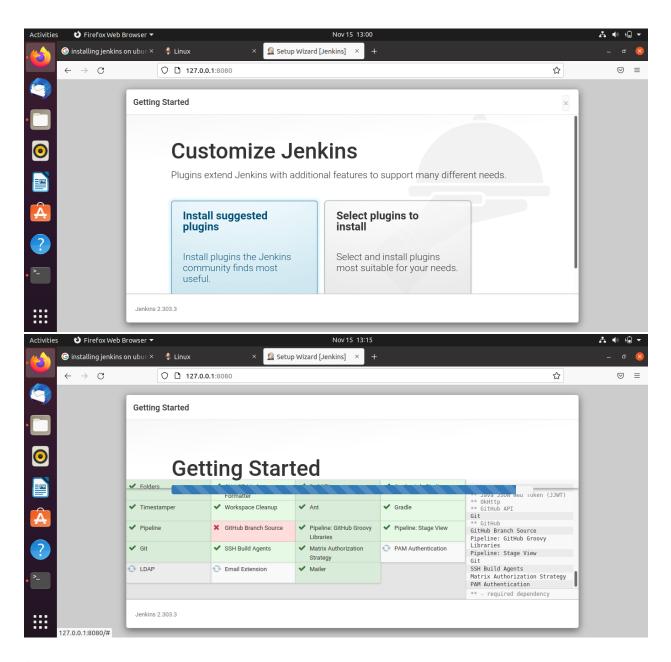
5. Verify Jenkins Installation



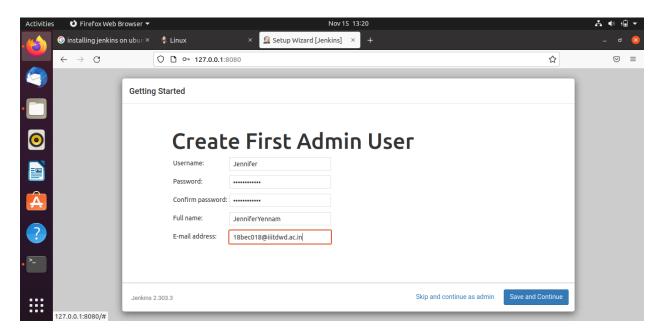
6. Fetch default Jenkins password



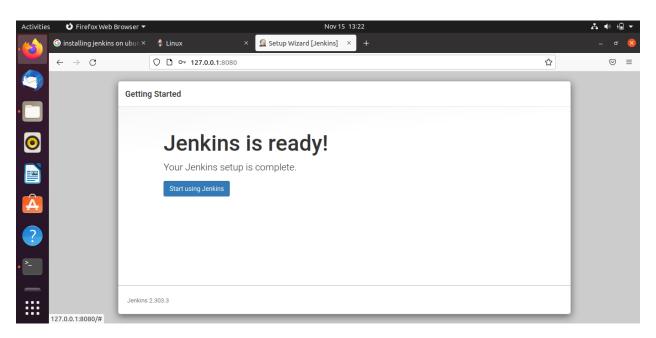
7. Customize Jenkins and install suggested plugin

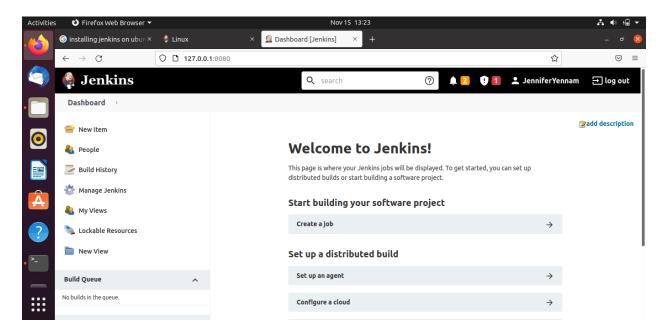


8. After successful login setup username and password

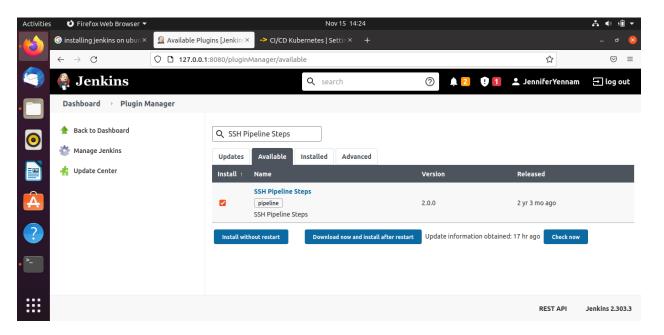


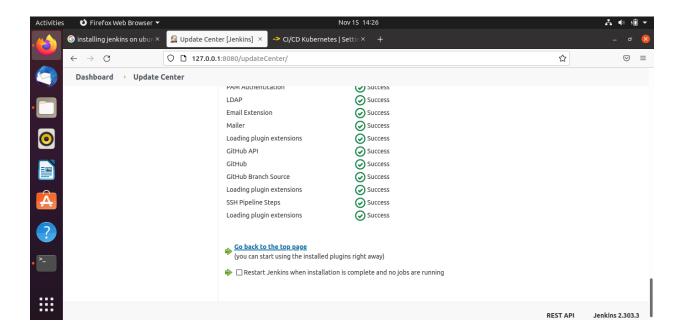
Now the jenkins is ready to use:



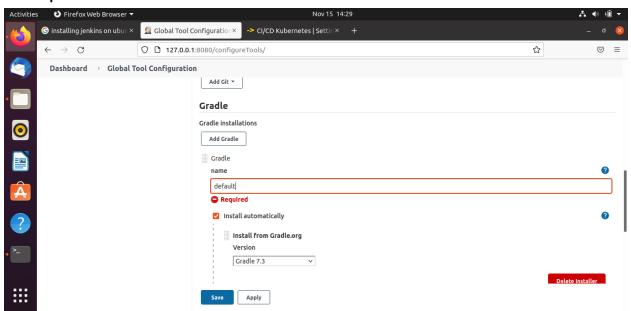


9. Jenkins - Install "SSH Pipeline Steps" plugin and "Gradle"



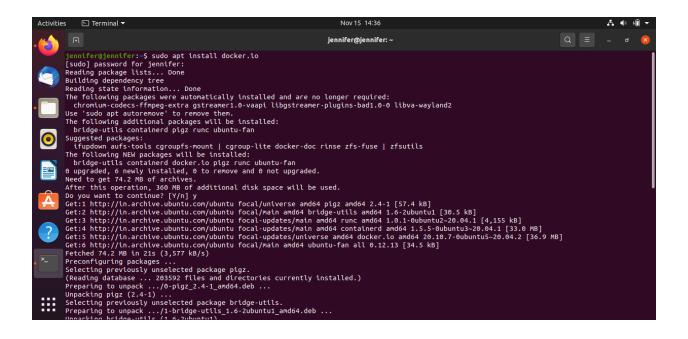


Setup Gradle

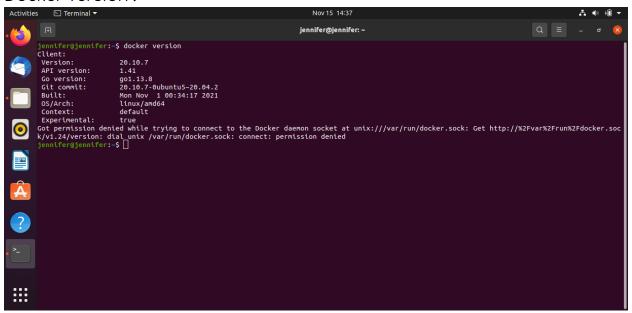


10. Install Docker on jenkins server

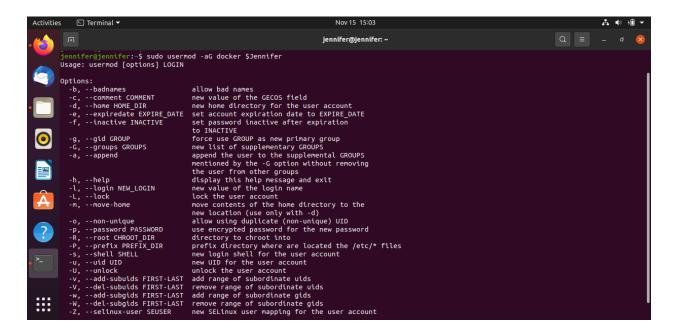
Install Docker:



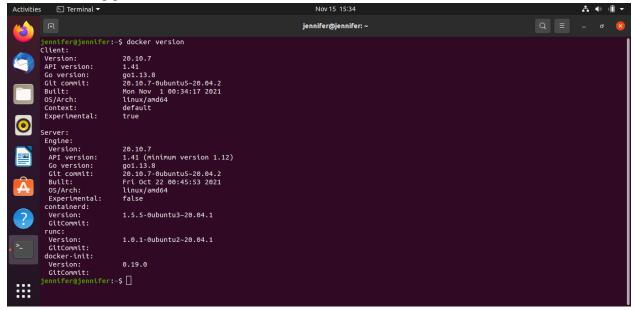
Docker version:



To avoid the error: Permission denied, add Current User to Docker Group

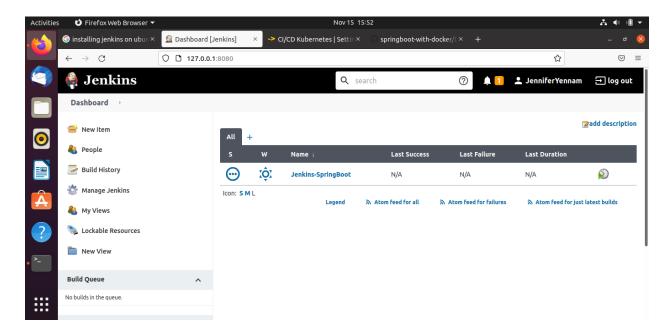


Error debugged:

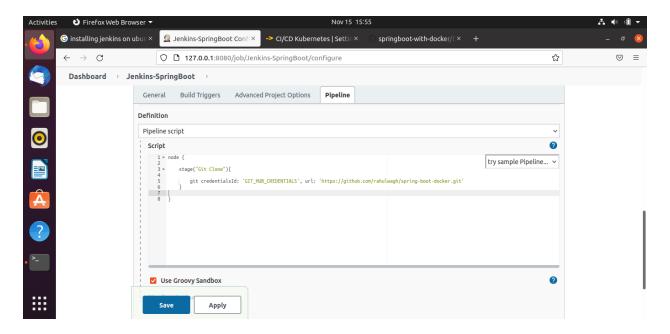


Then Add Jenkins User to Docker Group

11. Take a look at Spring Boot Application



12. Write the Pipeline script



13. Jenkins store git credentials

