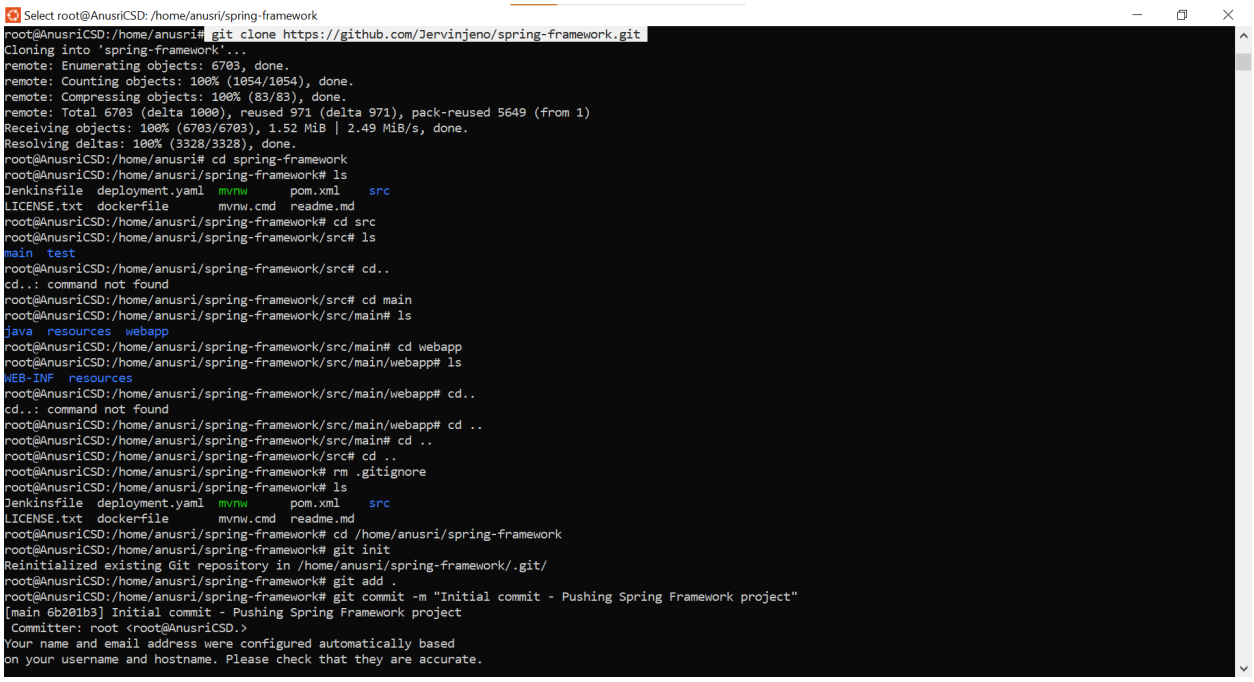
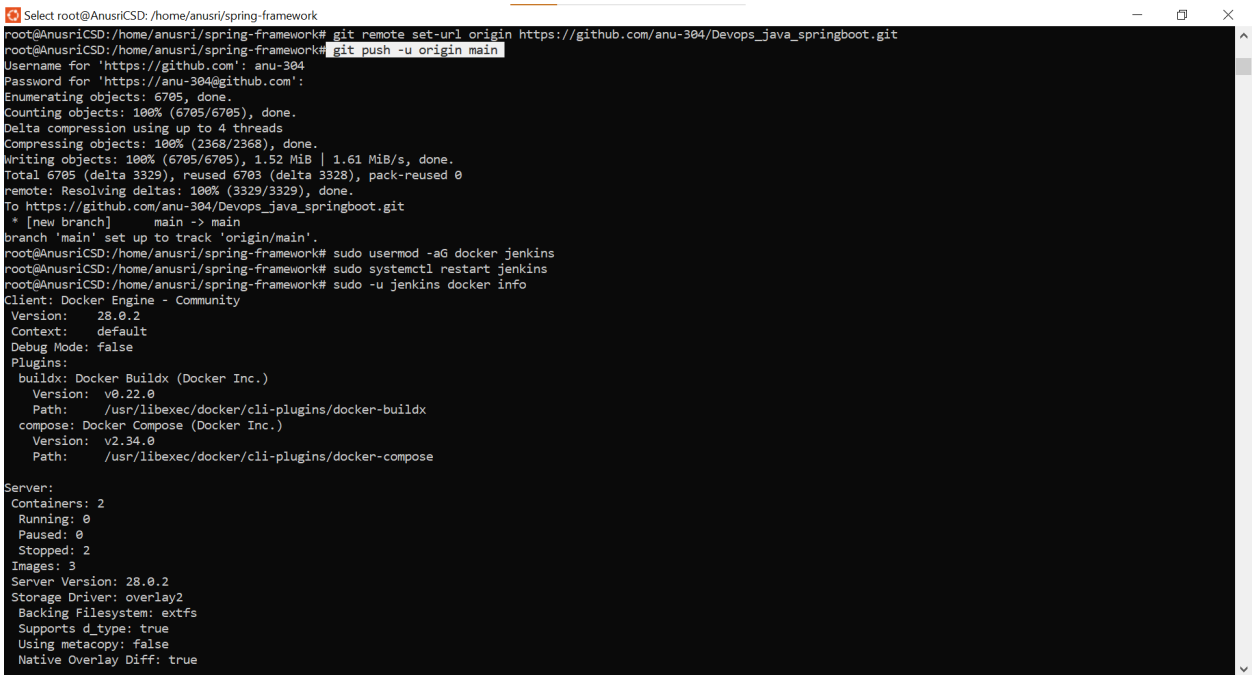
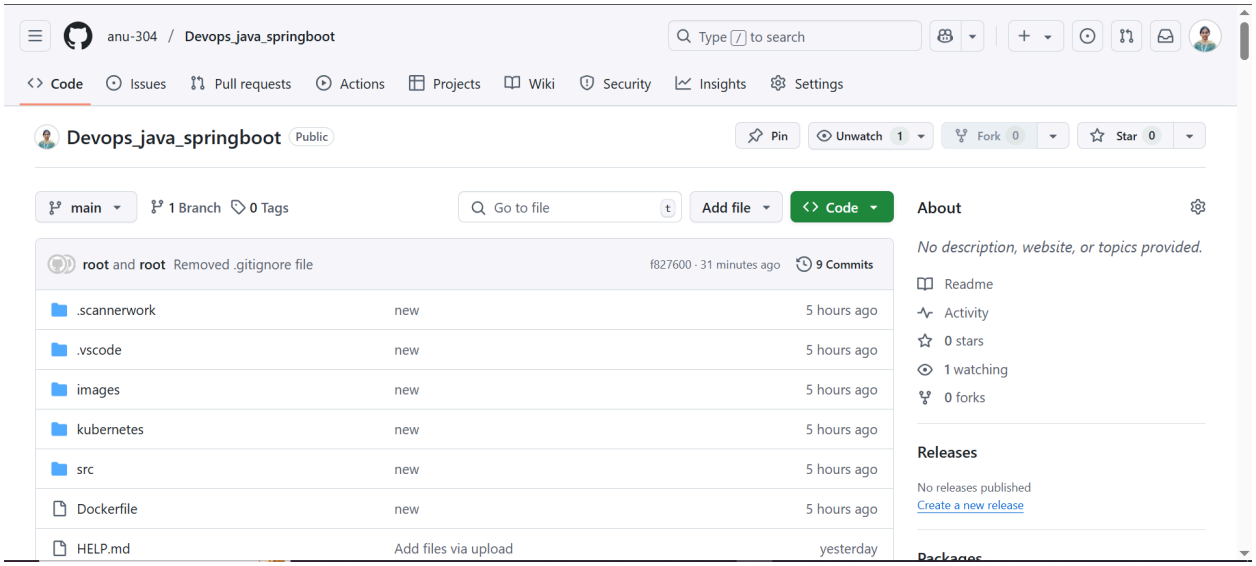
DEVOPS TASK 5

Step 1: Clone the repository in ubuntu using the url : https://github.com/Jervinjeno/spring-framework.git

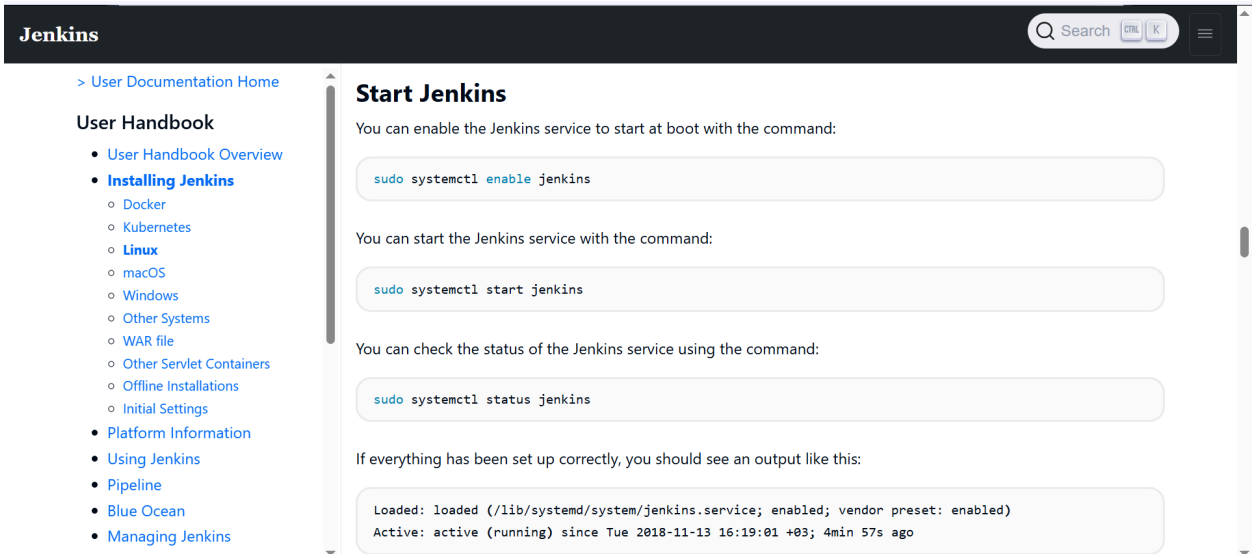


Step 2: After deleting the .gitignore file , Push this cloned repository into our newly created repository : **Devops_java_springboot ,** using tokens(instead of password) in github.

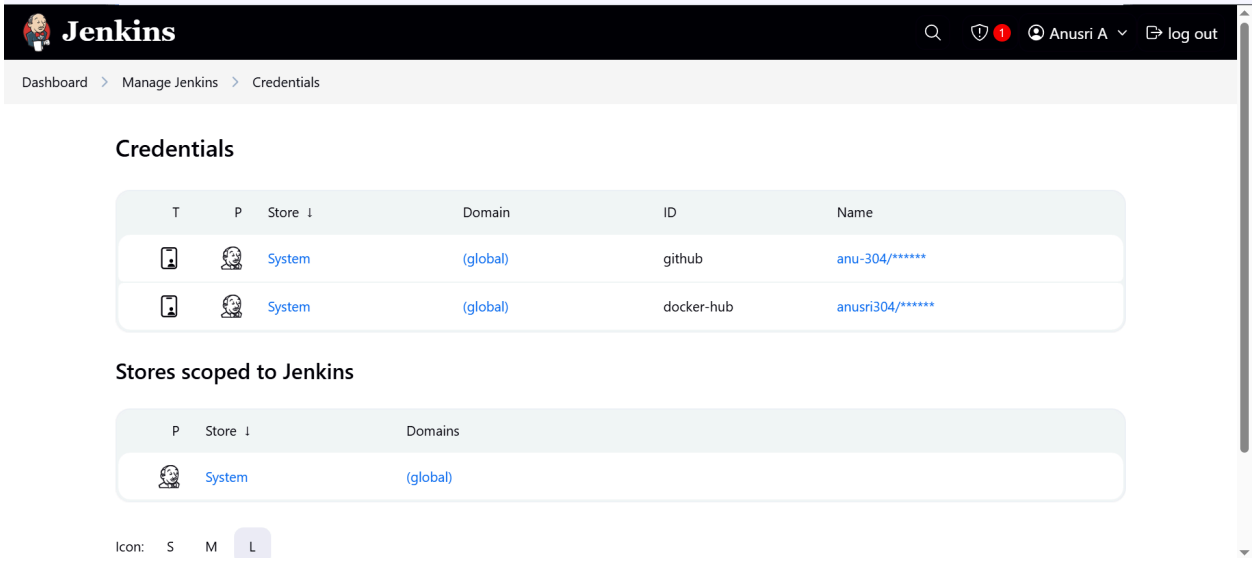




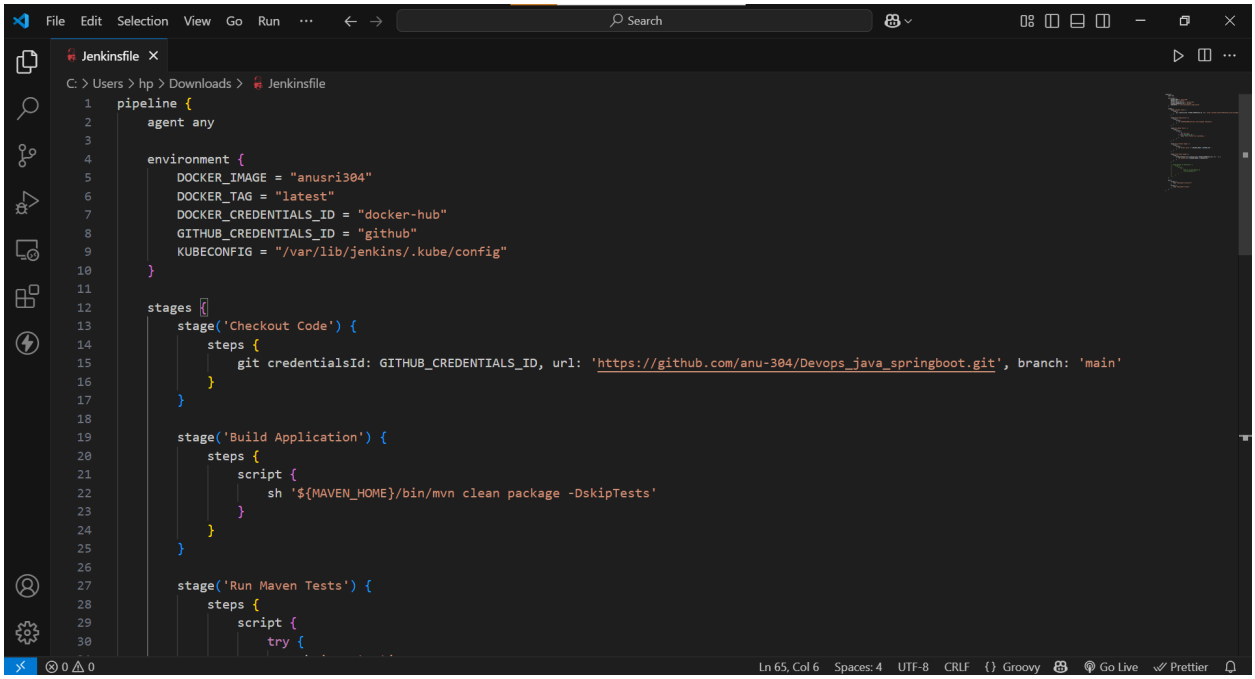
Step 3: In a new ubuntu terminal , start jenkins using the following 3 commands:



Step 4: In chrome type **localhost:8080** and enter .Then give the username and password to login into jenkins.
Step 5: Go to Manage Jenkins and choose **Credentials** from Security.
Step 6: Add new credentials for github & docker-hub.

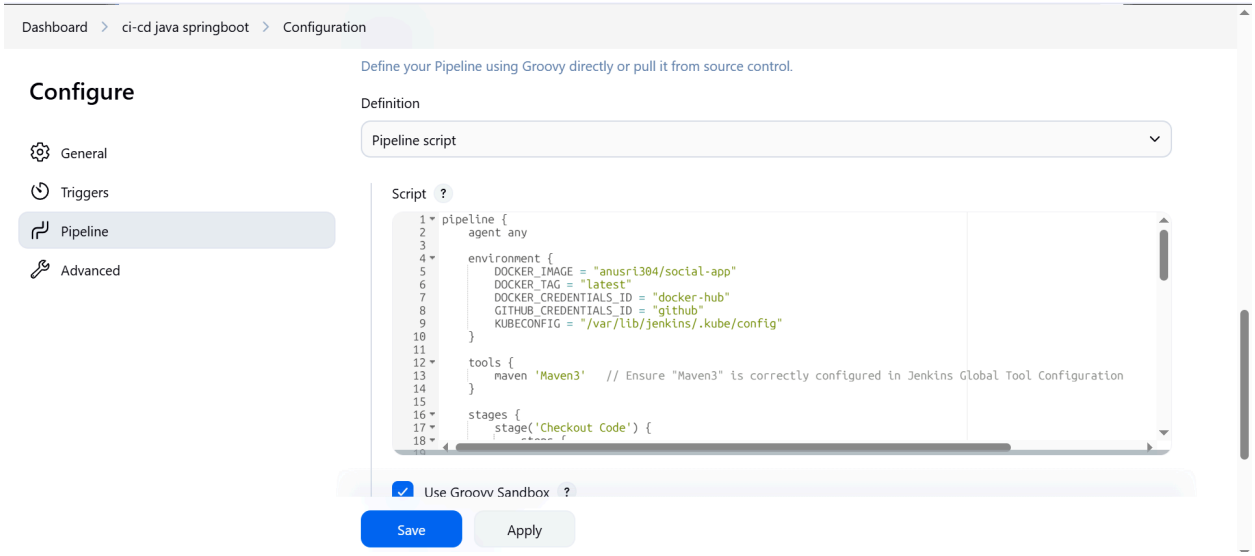


Step 7: Download the given jenkins file, add modify it.



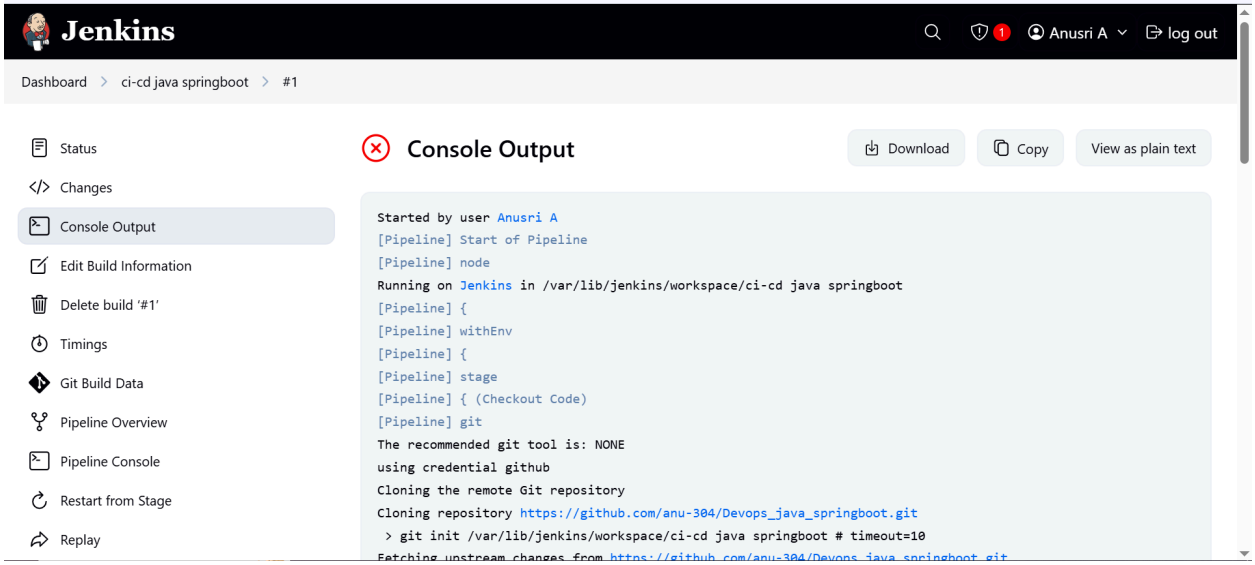
Step 8: Create a new item ci-cd java , pipeline project in jenkins.

Step 9: Go to **Configure** in ci-cd java item, and paste the edited jenkins file in the script with proper indentation.

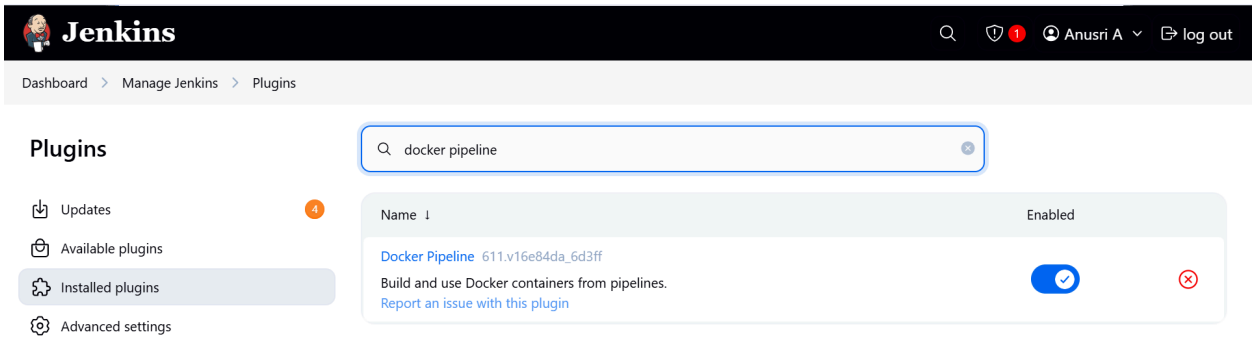


Step 10: Click on Save and Build now.

Step 11: This gives an error message and we need to install maven to overcome this error



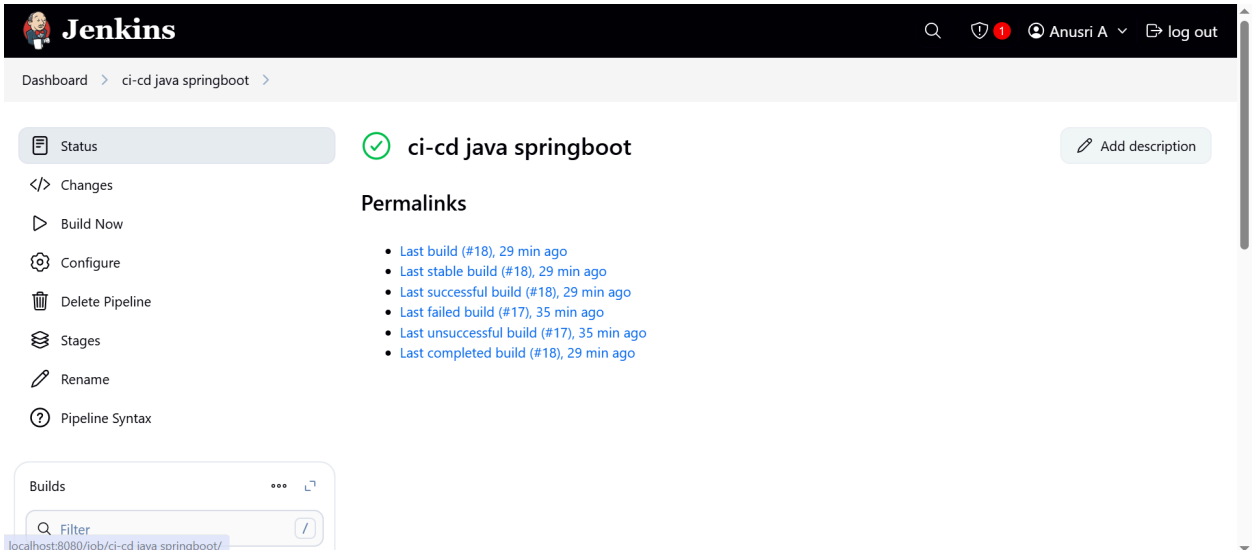
Step 12: Install maven and other necessary plugins in jenkins, give correct docker hub password and build again.

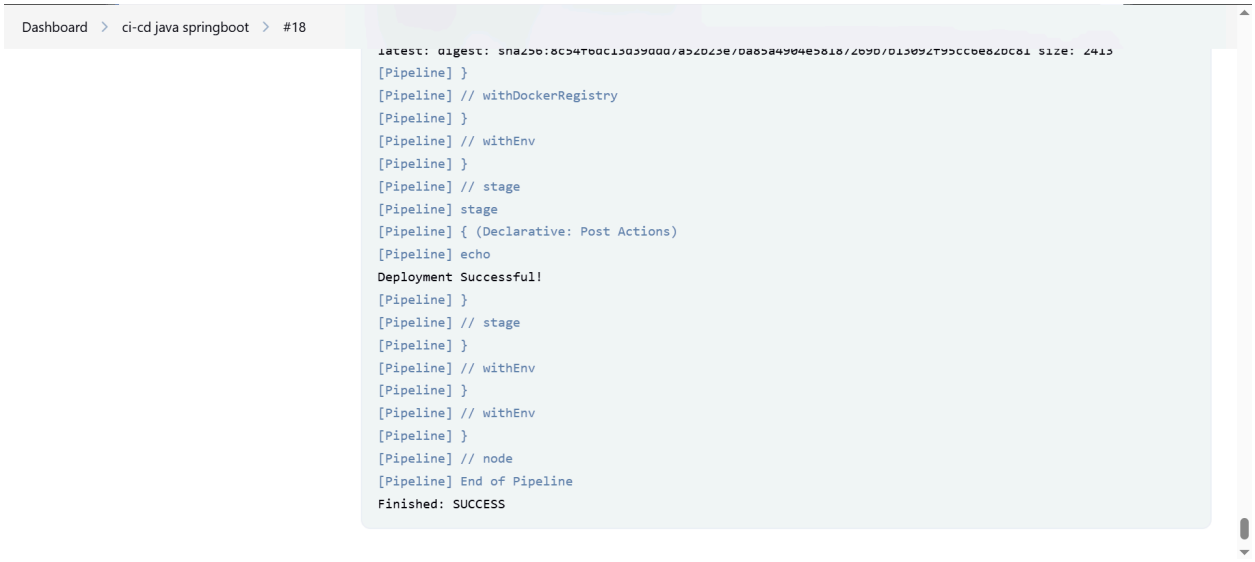


localhost:8080

root@AnusriCSD: /home/anusri

```
176  exit
177  rm -rf java_project
178  ls
179  cd /home/anusri/
180  ls
181  rm -rf java_project
182  ls
183  git clone https://github.com/Jervinjeno/spring-framework.git
184  cd spring-framework
185  ls
186  cd src
187  ls
188  cd..
189  cd main
190  ls
191  cd webapp
192  ls
193  cd..
194  cd ..
195  rm .gitignore
196  ls
197  cd /home/anusri/spring-framework
198  git init
199  git add .
200  git commit -m "Initial commit - Pushing Spring Framework project"
201  git branch -M main
202  git remote add origin https://github.com/anu-304/Devops_java_springboot.git
203  git push -u origin main
204  git remote -v
205  git remote set-url origin https://github.com/anu-304/Devops_java_springboot.git
206  git push -u origin main
207  sudo usermod -aG docker jenkins
208  sudo systemctl restart jenkins
209  sudo -u jenkins docker info
210  sudo systemctl status jenkins
211  sudo systemctl enable jenkins
212  sudo systemctl start jenkins
213  sudo systemctl status jenkins
214  mvn --version
215  mvn -version
216  history
```


Jenkins
Anusri A
log out
Dashboard
ci-cd java springboot
Status
Changes
Build Now
Configure
Delete Pipeline
Stages
Rename
Pipeline Syntax
Builds
Filter
ci-cd java springboot
Add description
Permalinks
Last build (#18), 29 min ago
Last stable build (#18), 29 min ago
Last successful build (#18), 29 min ago
Last failed build (#17), 35 min ago
Last unsuccessful build (#17), 35 min ago
Last completed build (#18), 29 min ago


Dashboard
ci-cd java springboot
#18
[Pipeline] }
[Pipeline] // withDockerRegistry
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // stage
[Pipeline] stage
[Pipeline] { (Declarative: Post Actions)
[Pipeline] echo
Deployment Successful!
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // withEnv
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS