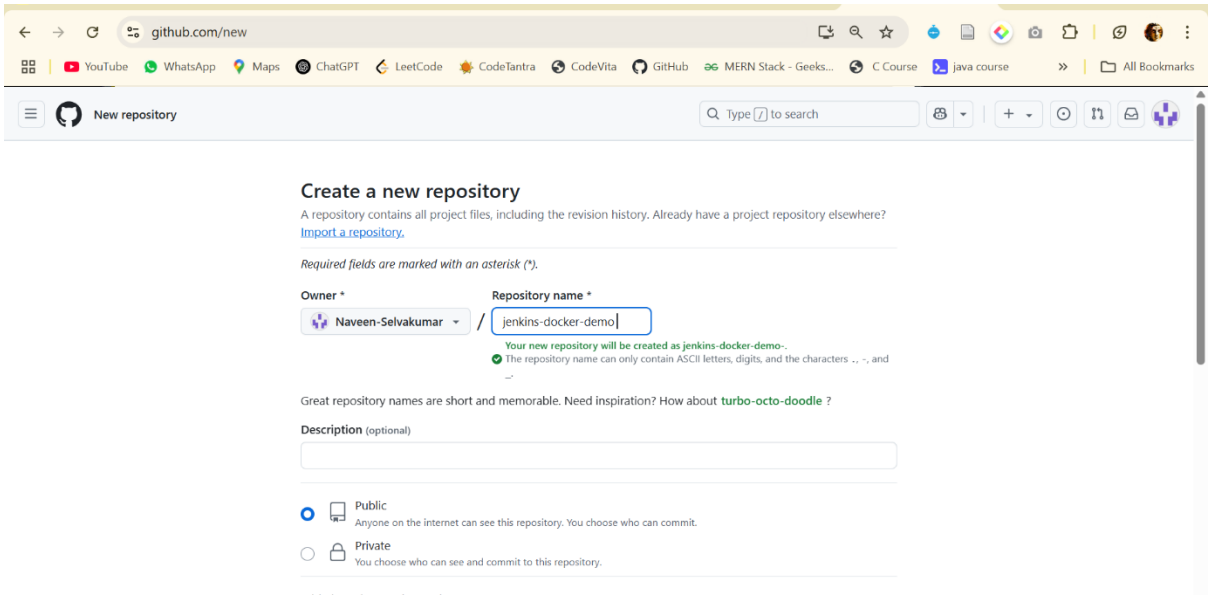
DEVOPS TRAINING

DAY 2-Naveen-S

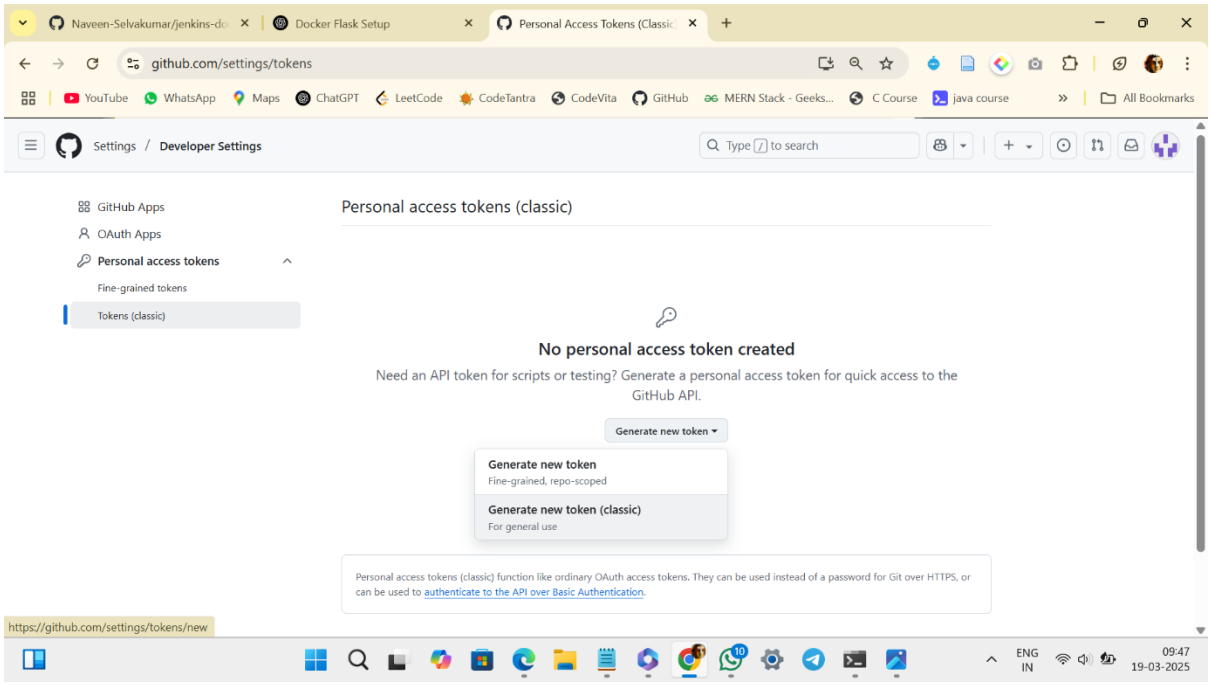
Step 1: create repository in github

Go to GitHub and create a new repository.



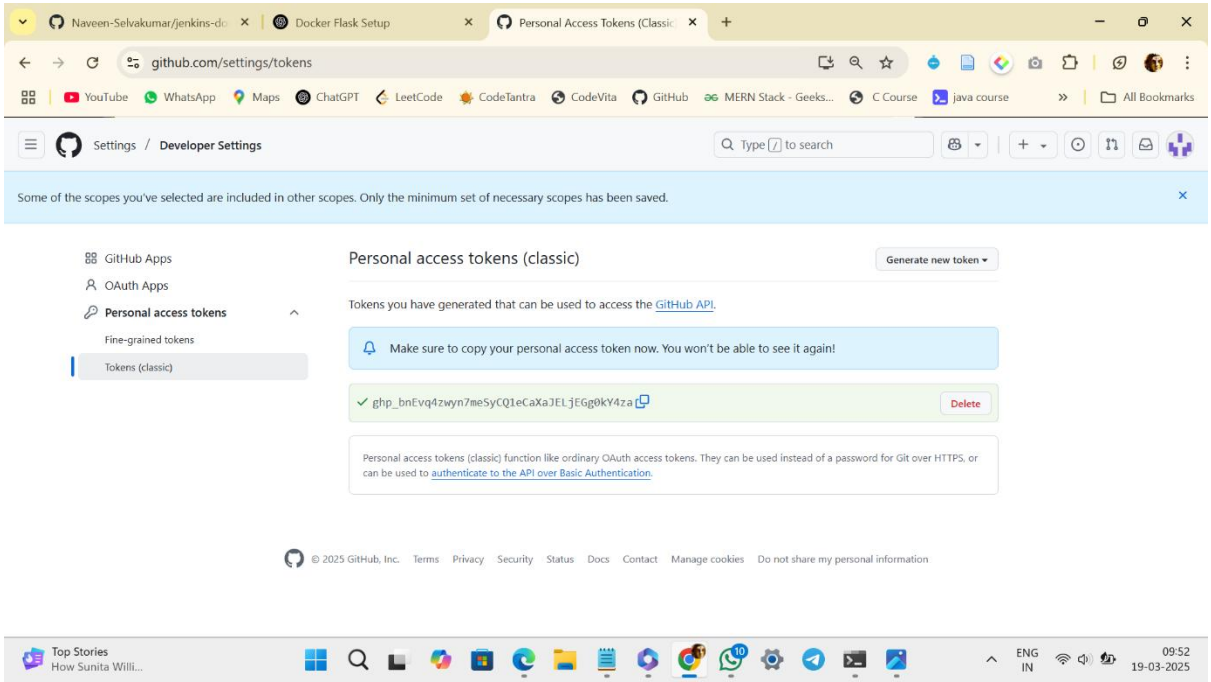
Step 2: go to developer settings

- Navigate to **Settings > Developer Settings > Personal Access Tokens**
- Click **Generate New Token (Classic)**
- Copy and store the token securely



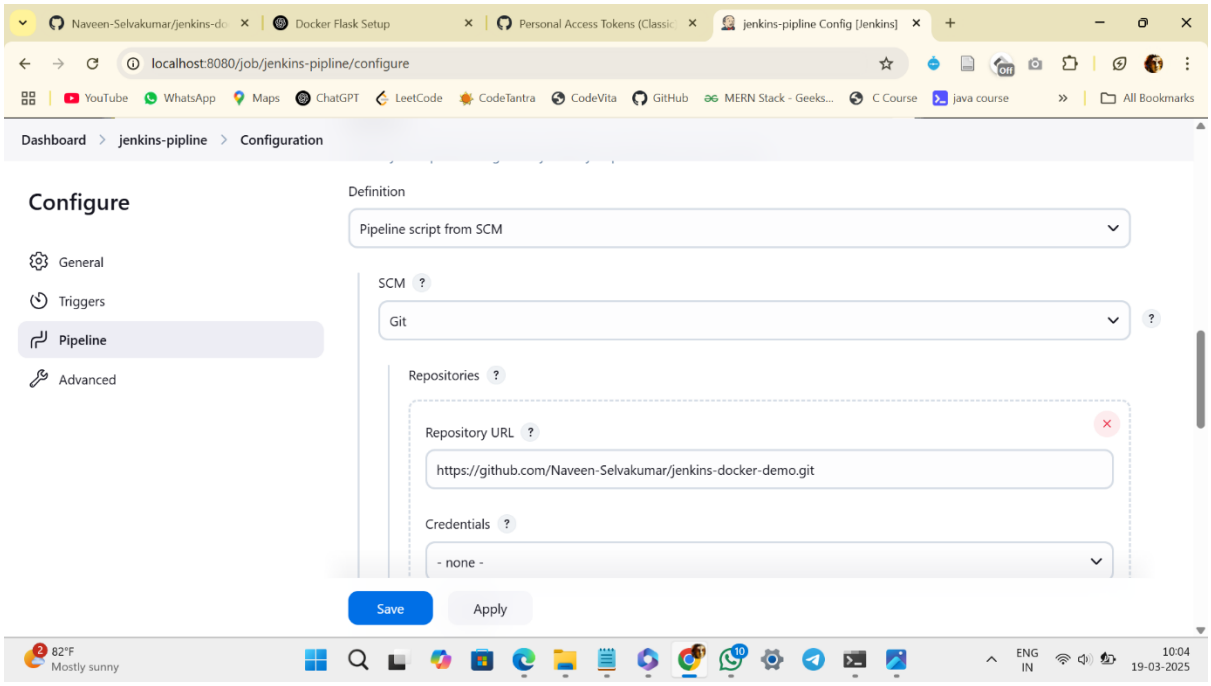
Step 3: generate and copy the token (classic)

- Open Jenkins
- Click **New Item > Pipeline**
- In **Configuration**, add the GitHub repository URL
- Save the configuration

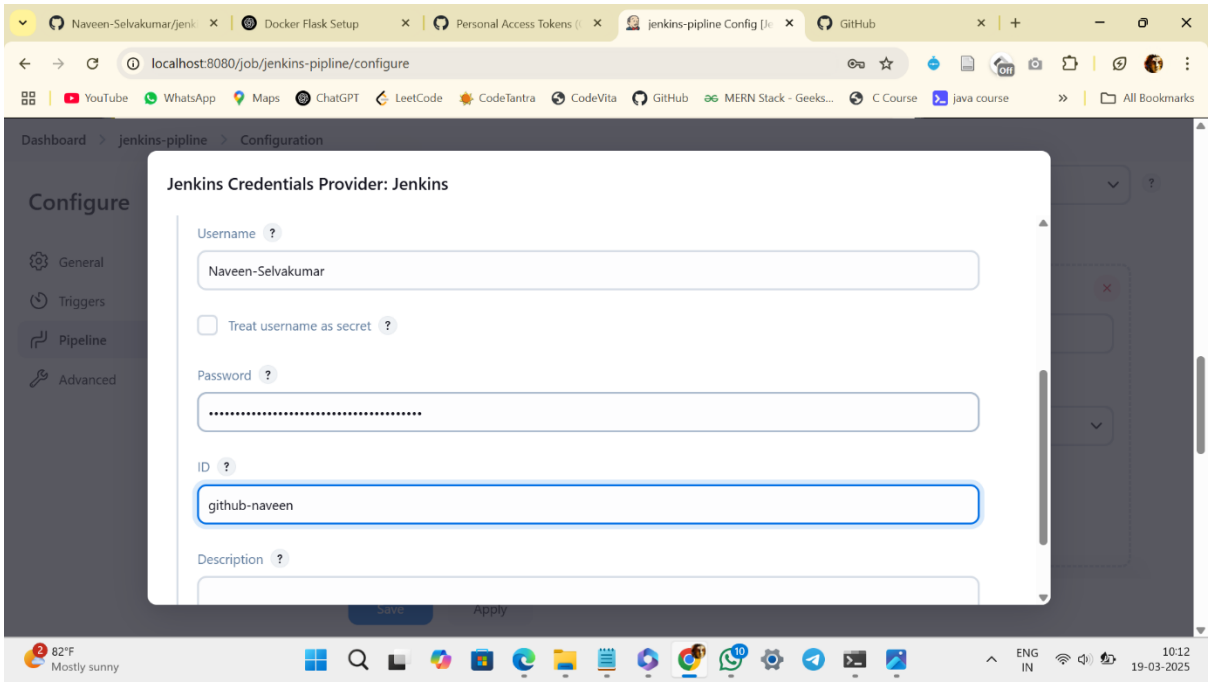


Step 4: open Jenkins and create new item and select pipeline in that go to configuration add github repository url into it.

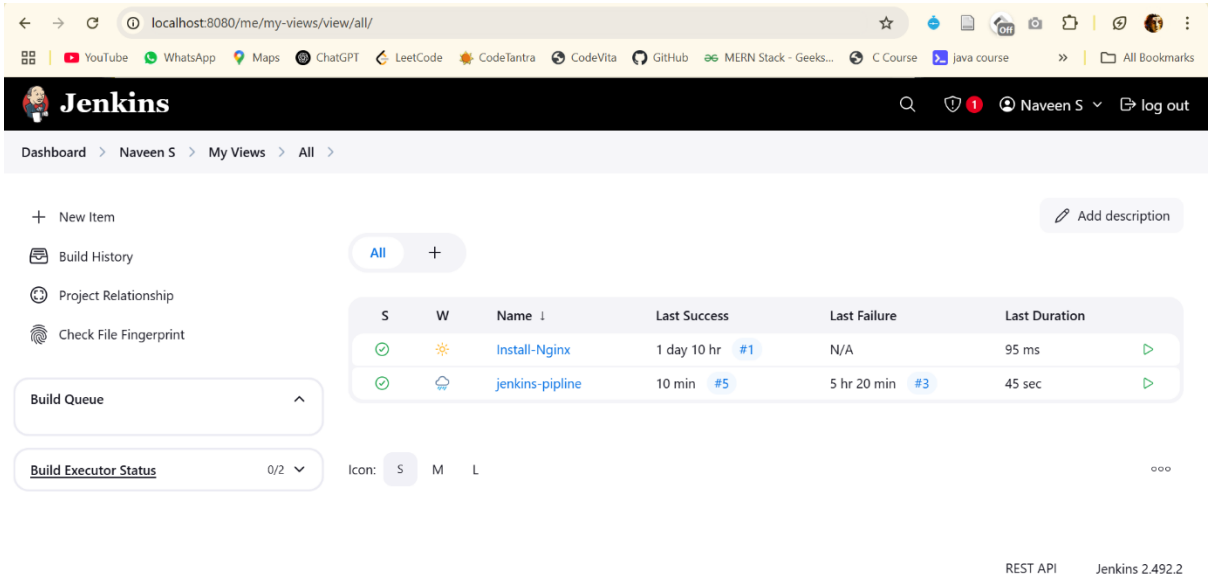
Check the **Jenkins Status Page** to confirm that the setup is successful



Step 5: in Jenkins configure save it



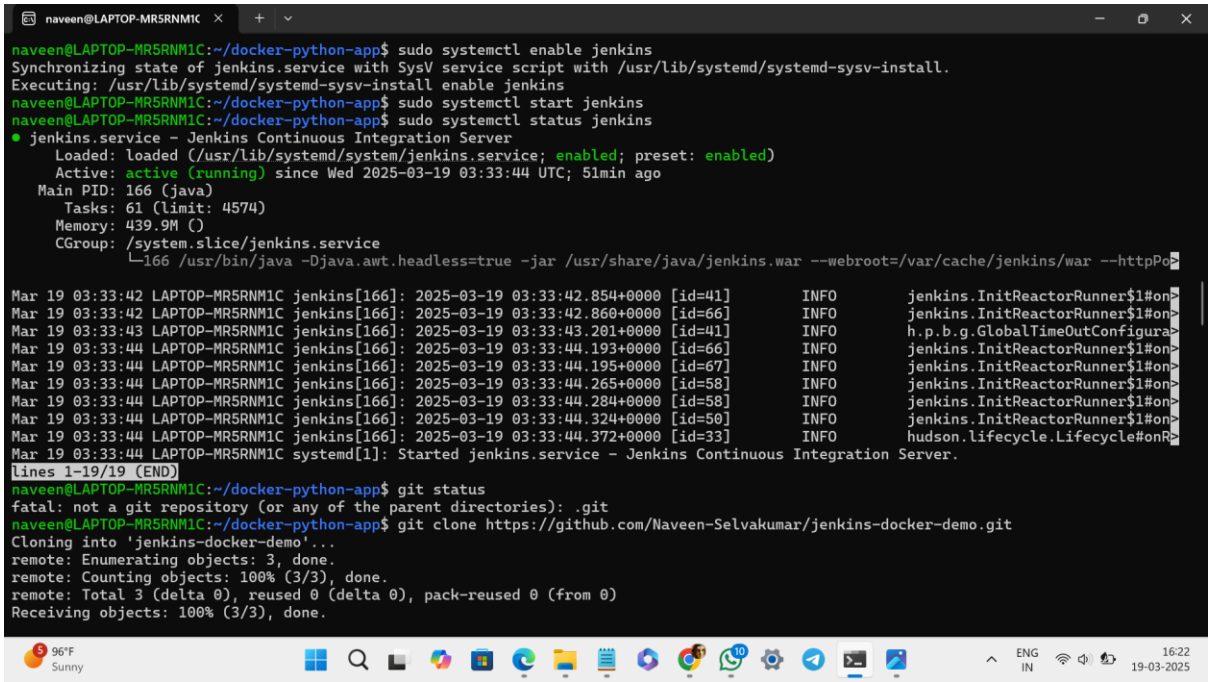
Step 6: verify the status page



Step 7: clone the git repository

git clone https://github.com/your-username/your-repository.git

cd your-repository

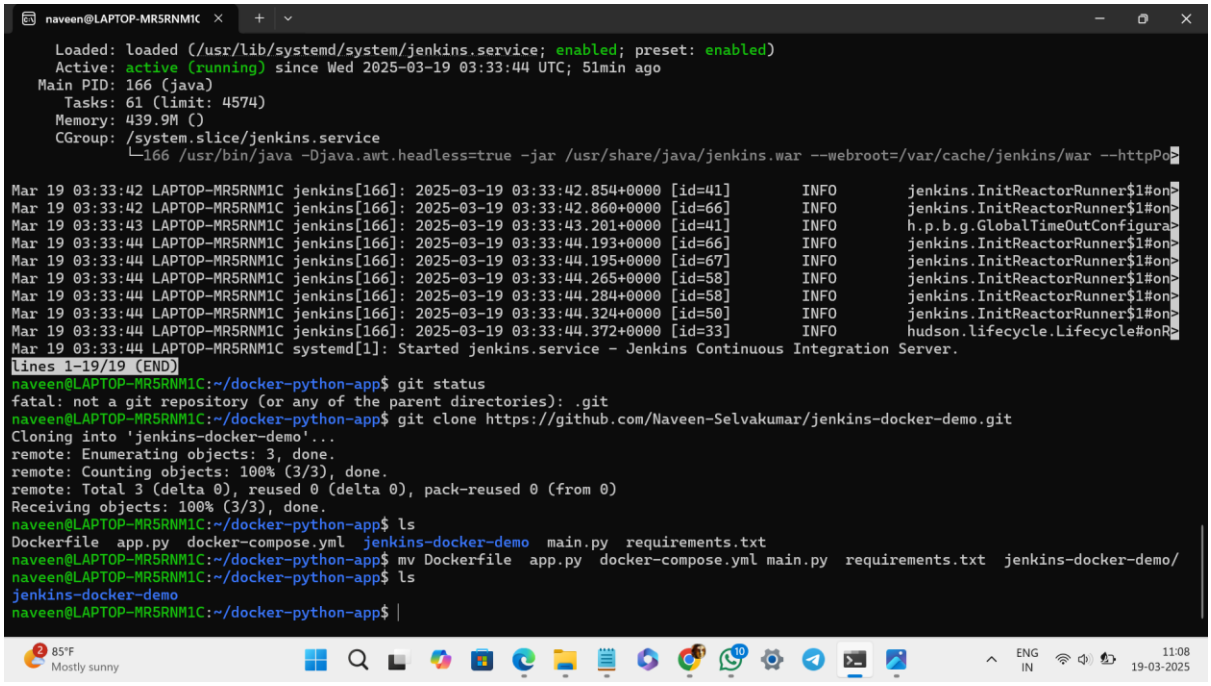


Step 8: using cd add the repository into it

git add .

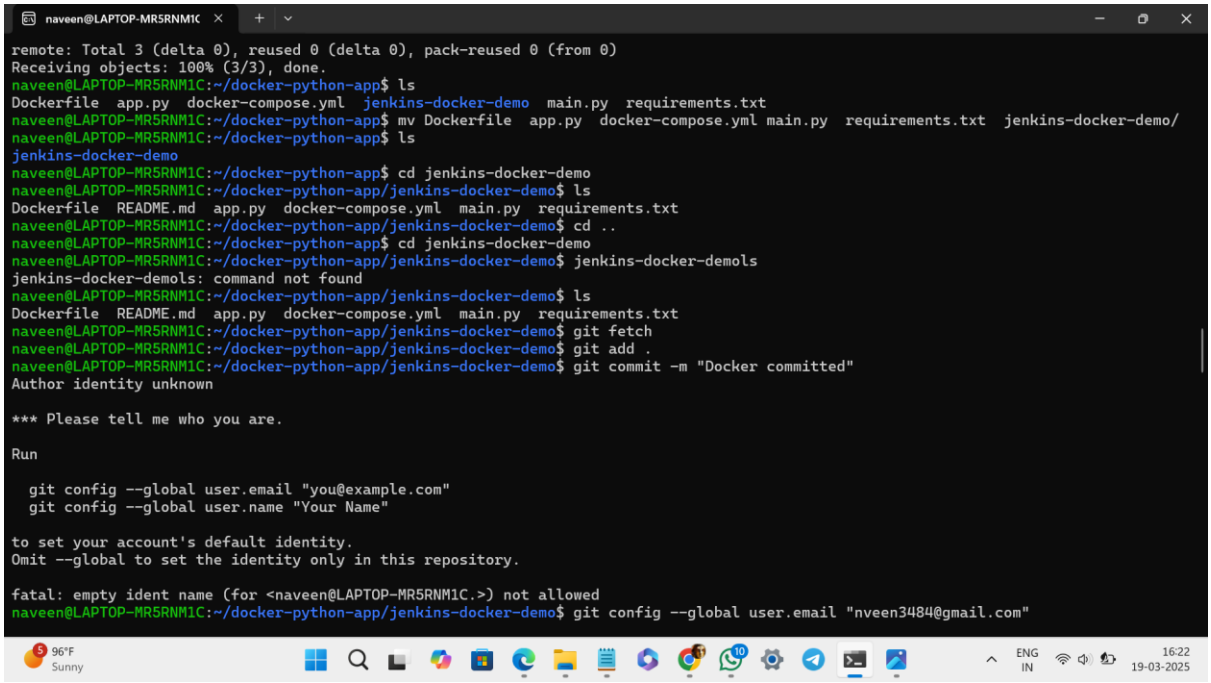
git commit -m "Initial commit"

git push origin main

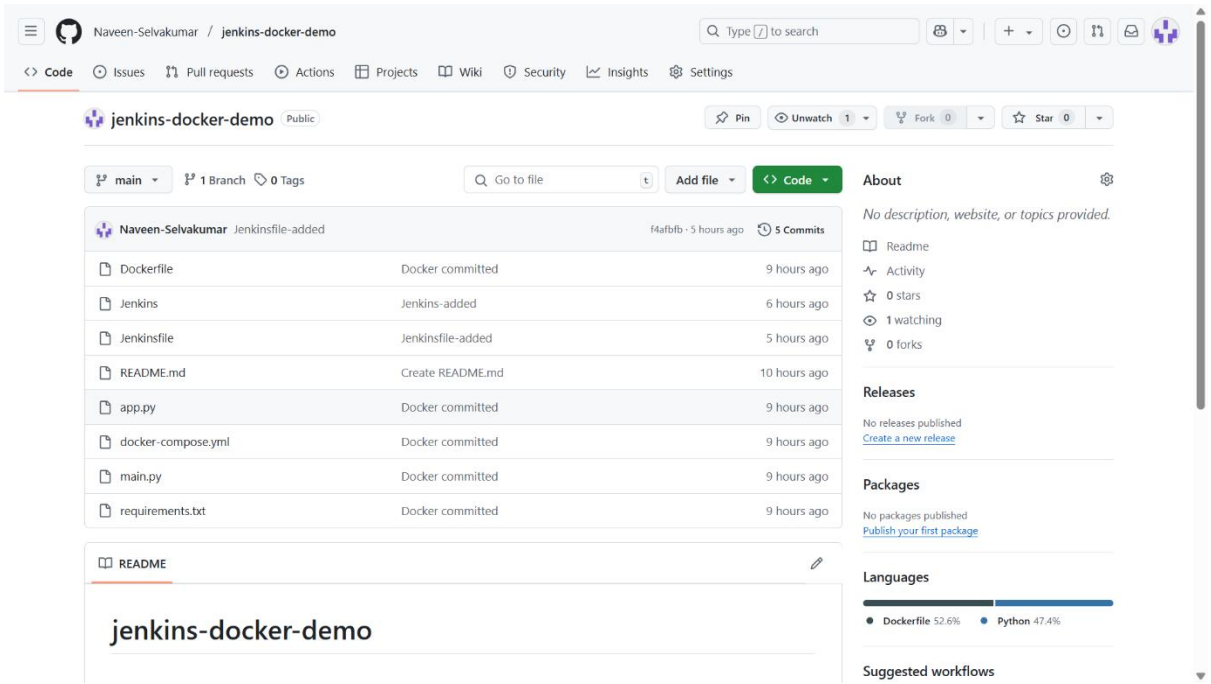


Step 9: using git push command to push all the files into github

git push https://Naveen-Selvakumar: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@github.com/Naveen-Selvakumar/jenkins-docker-demo.git



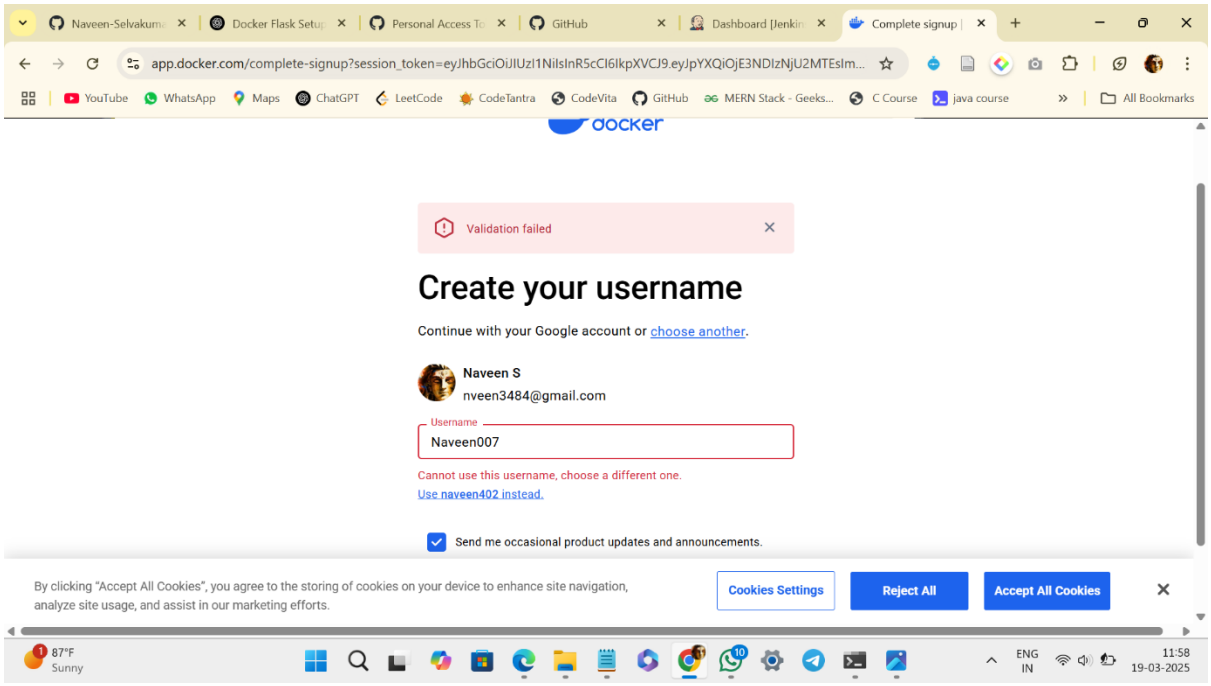
Step 10: check the docker all the files are uploaded in the github repository



Step 11: go to the docker and login in

docker login

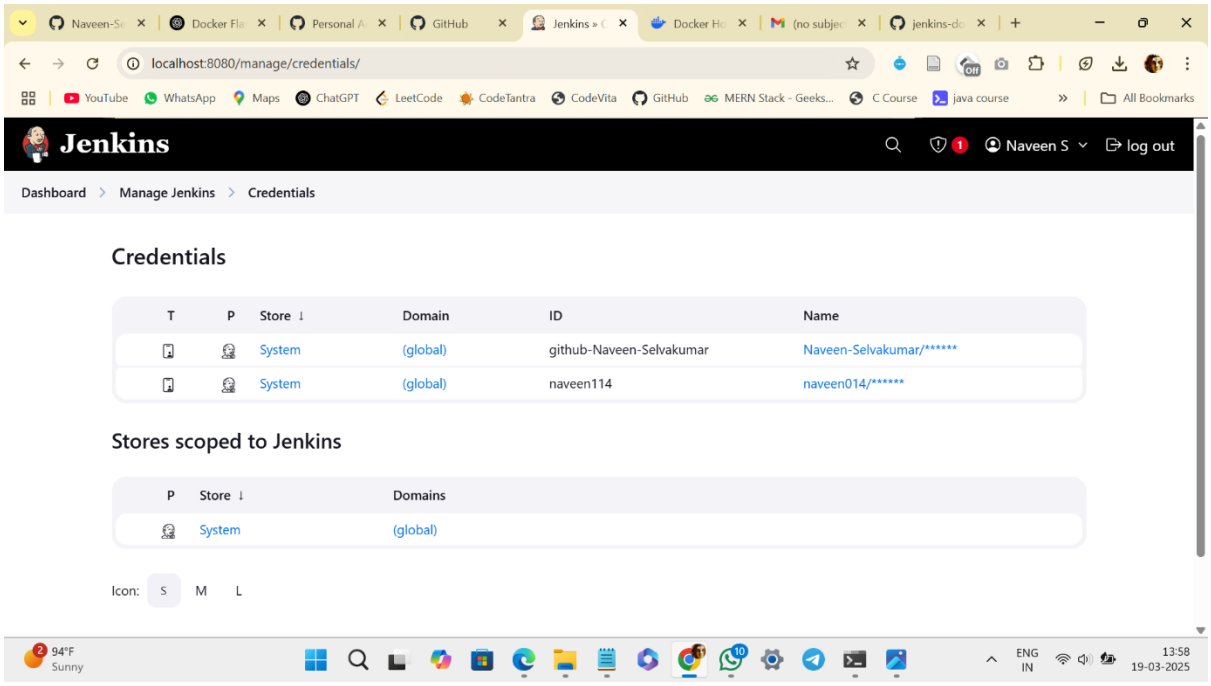
Enter your **Docker Hub username** and **password/token** when prompted



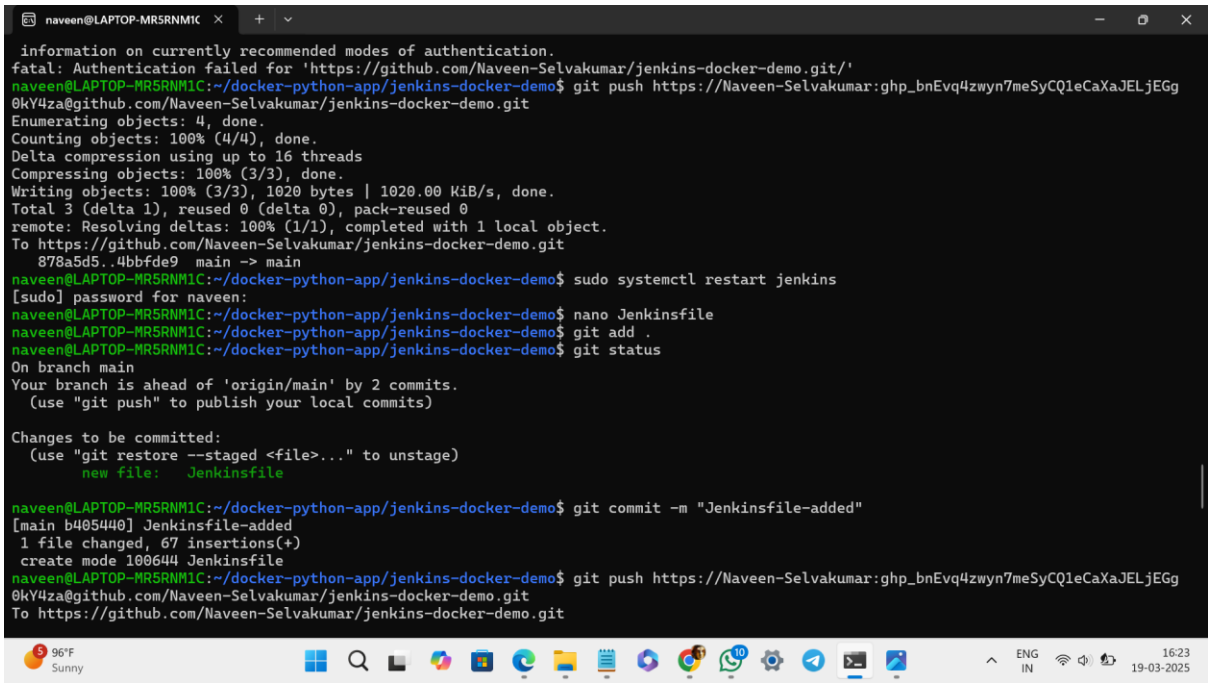
Step 12: in jenkins copy the global credentials and change in the jenkins file

sudo usermod -aG docker jenkins

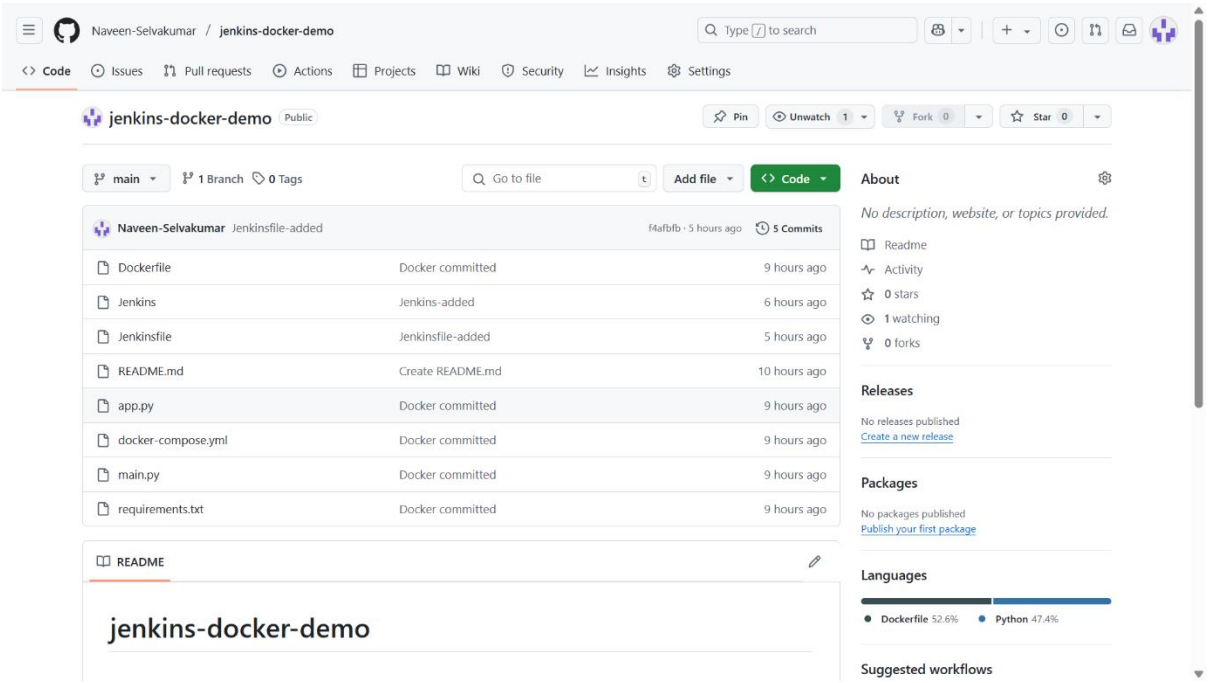
sudo systemctl restart jenkins



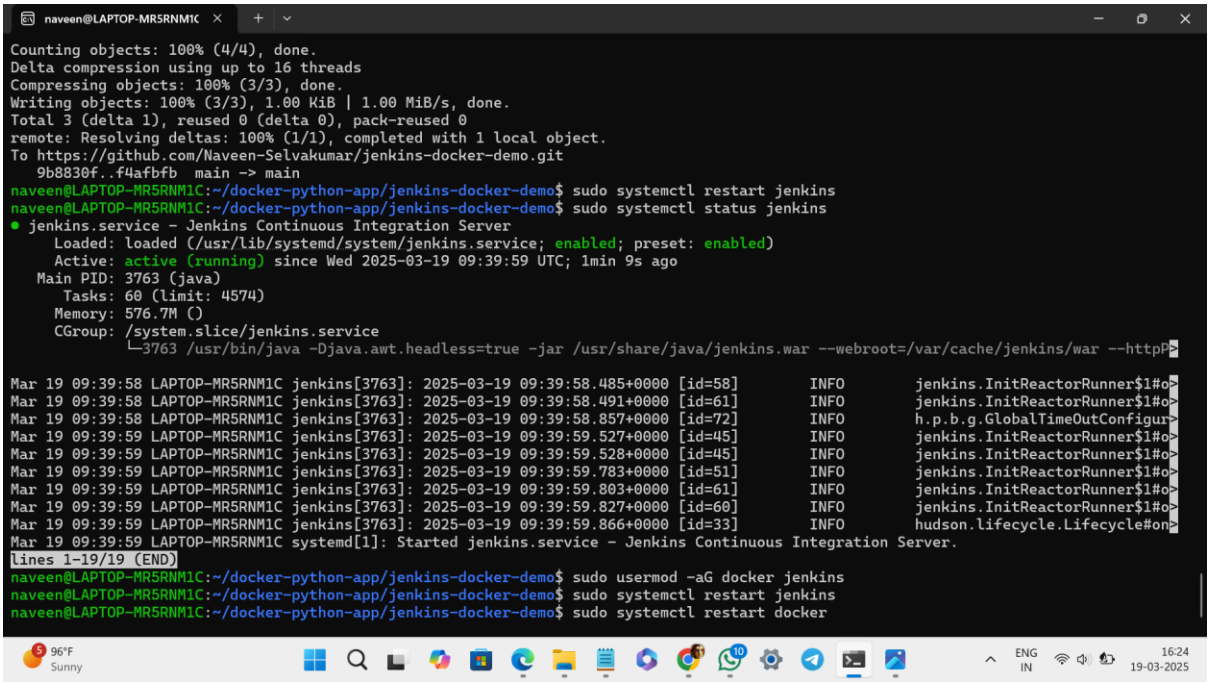
Step 13: commit the jenkinsfile into github



Step 14: verify the jenkins file is pushed in the github

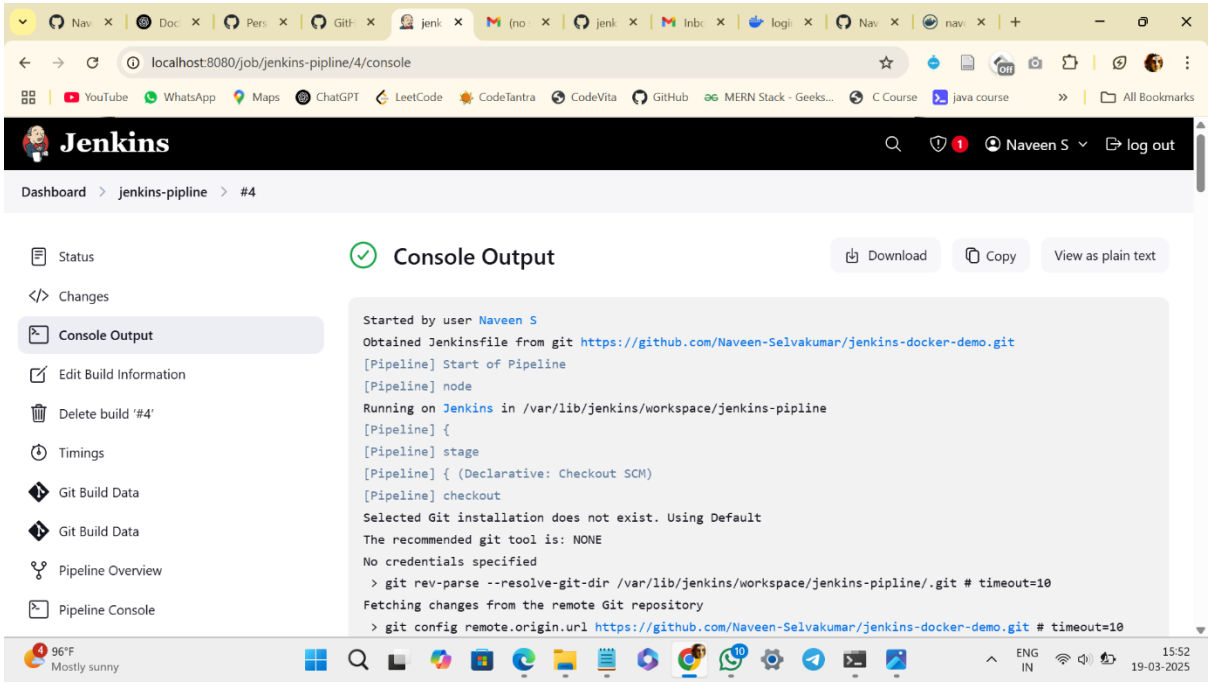


Step 15 : using “sudo usermod –aG docker jenkins” and restart the jenkins

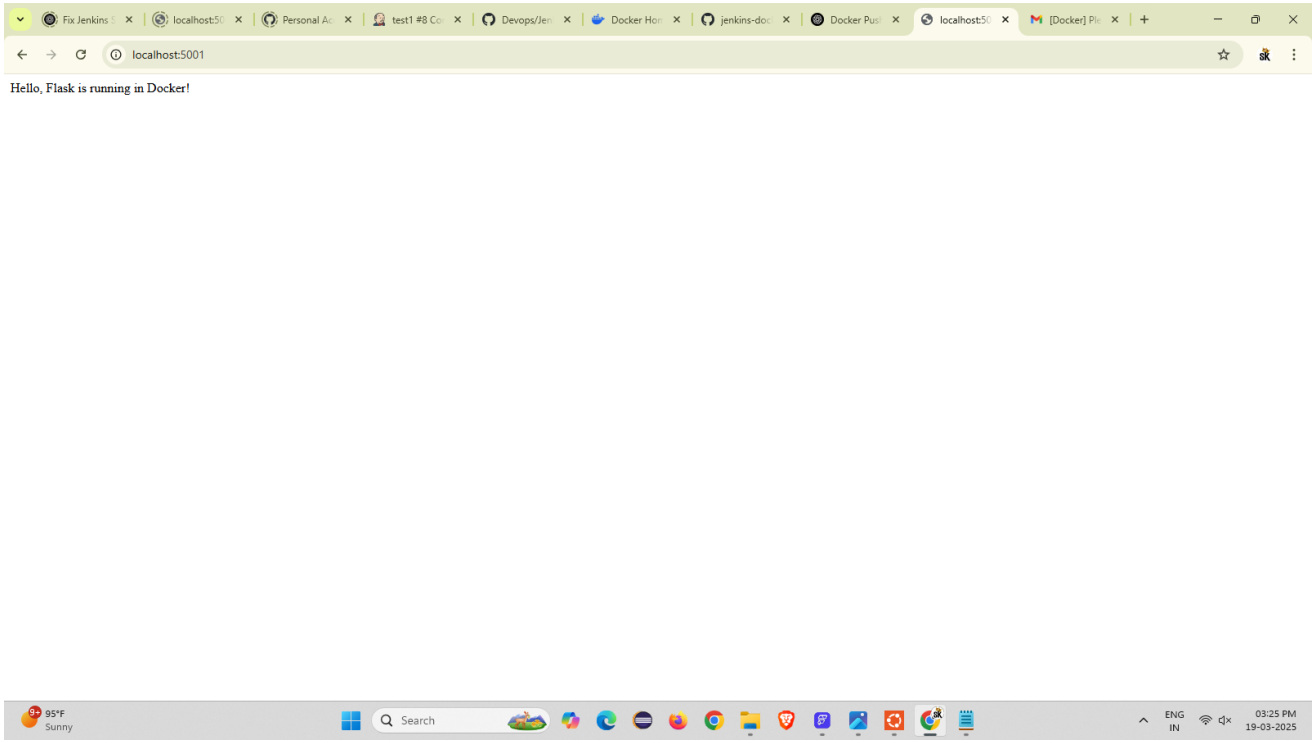


Step 16 : build the item and check the output in console output

- In **Jenkins**, click **Build Now**
- Monitor the **Console Output**



Step 17 : run the localhost:5001



Step 18 : check the image repository in docker