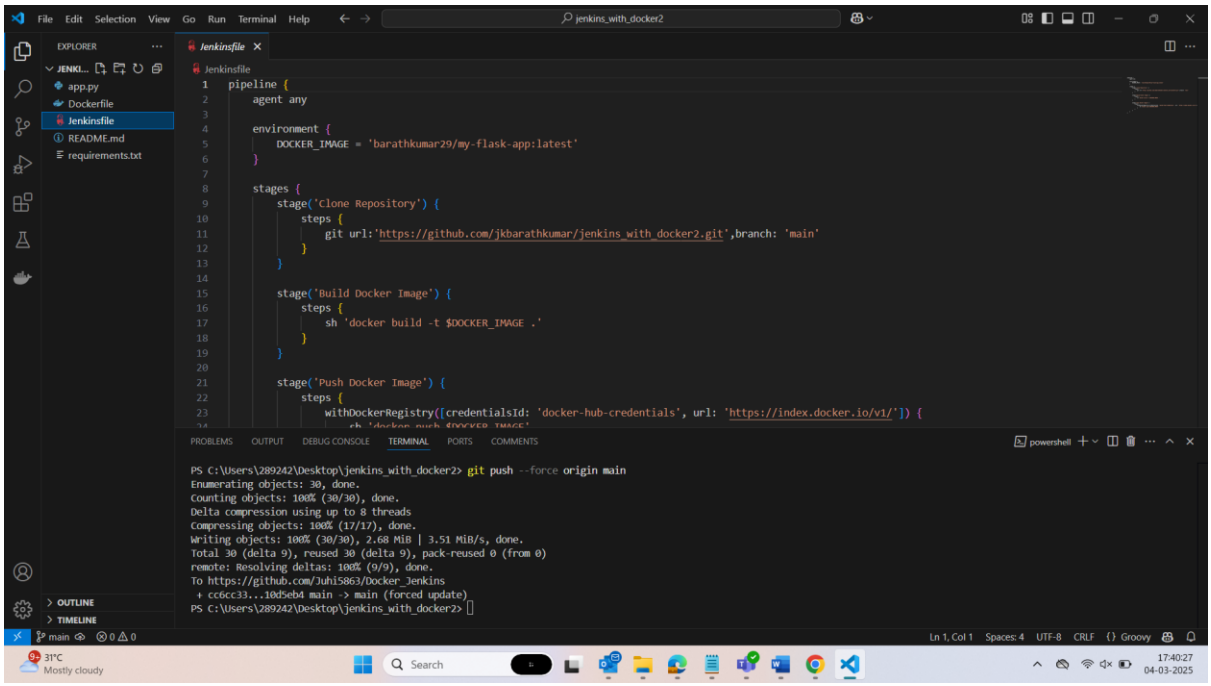
Assignment - 1

Automate docker built and push using Jenkinsfile

1. Setup a Simple Flask App

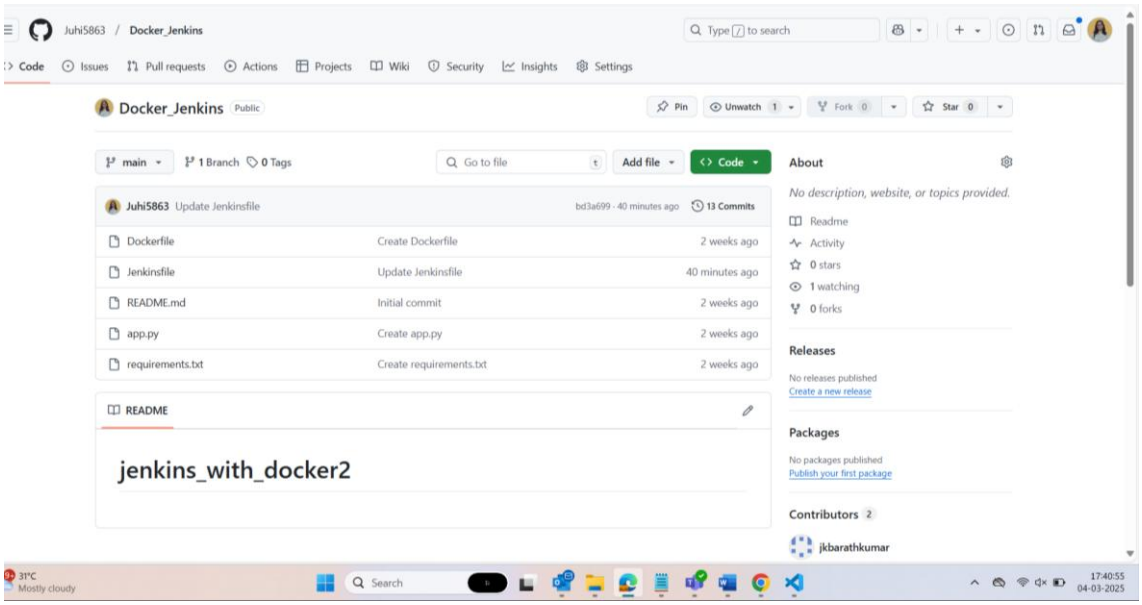
DEMO

- App.py
- Requirement.txt
- Dockerfile
- Jenkinsfile

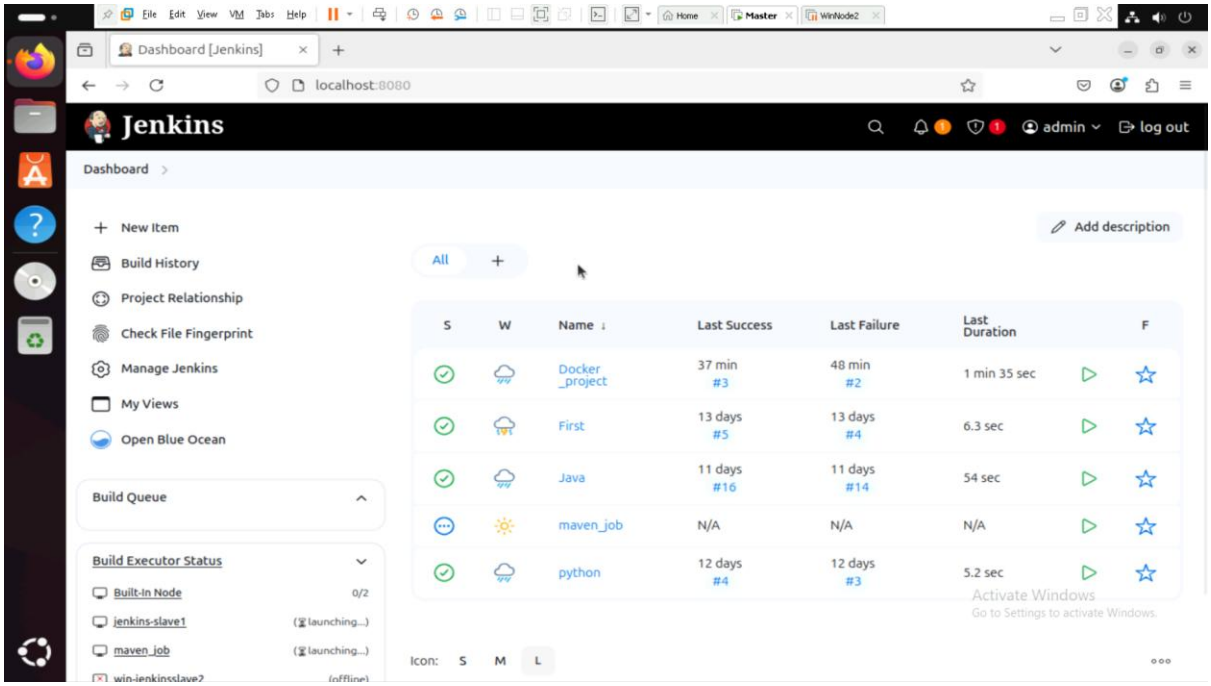


GitHub link for the code: https://github.com/Juhi5863/Docker_jenkins

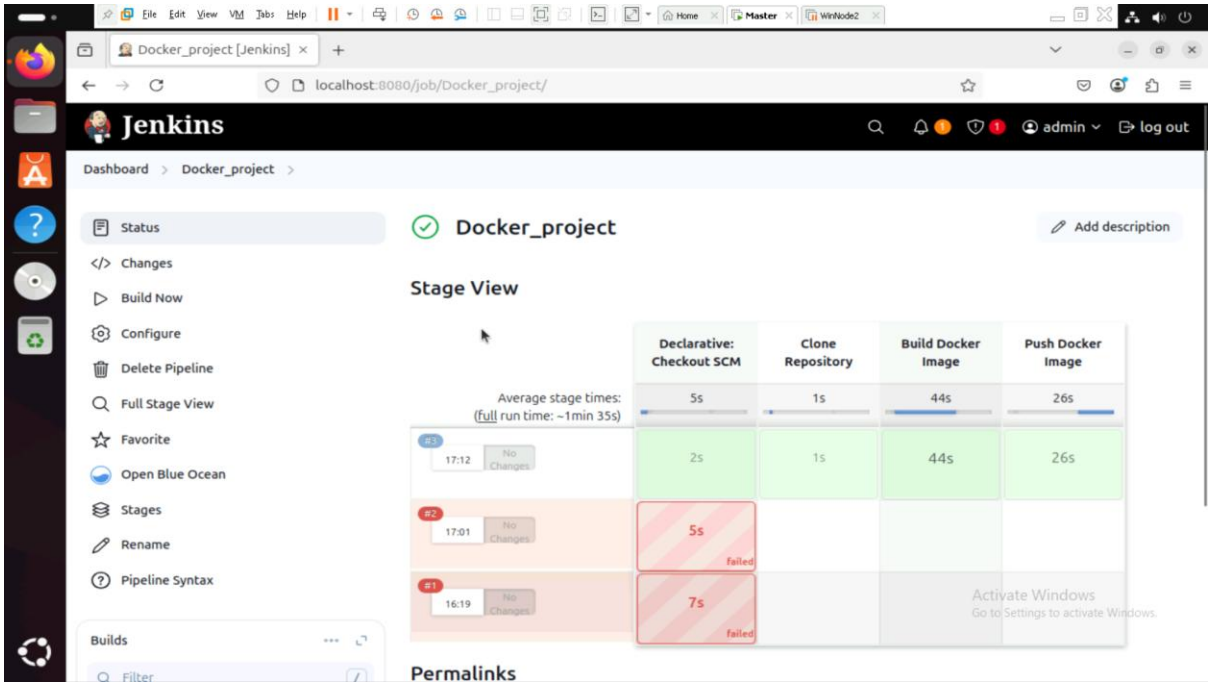
2. Push the code to the GITHUB

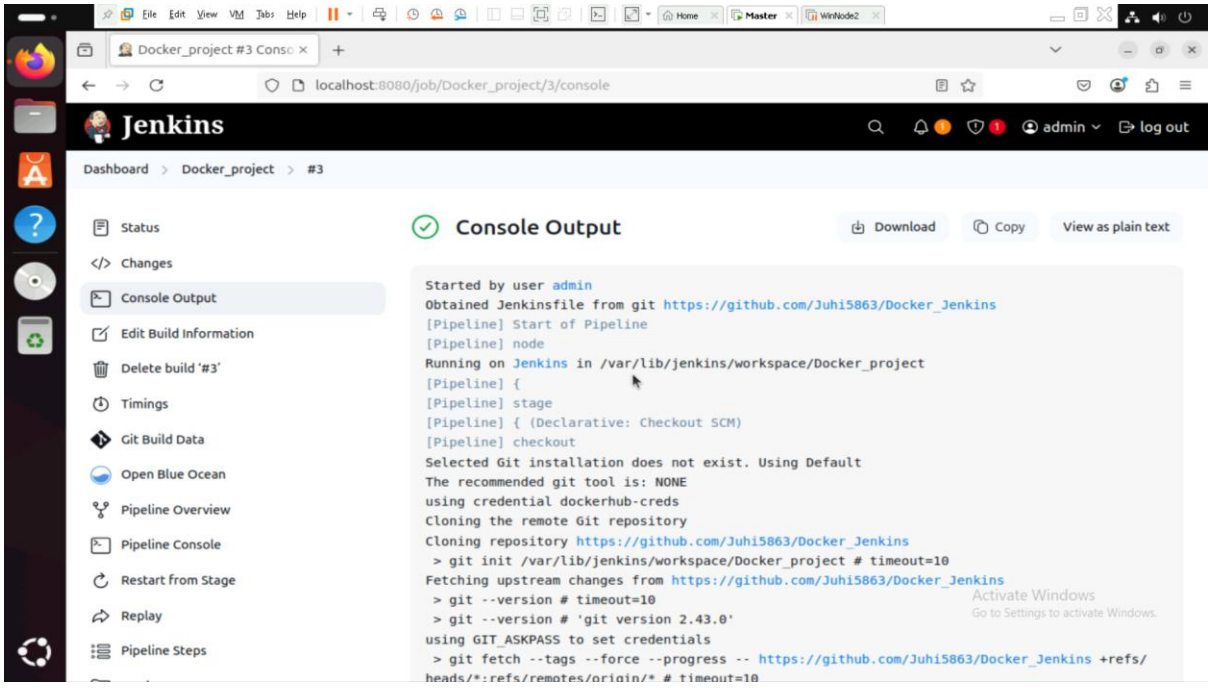


3. **Configure Docker Hub Credentials in Jenkins**
4. **Create a New Pipeline in Jenkins**

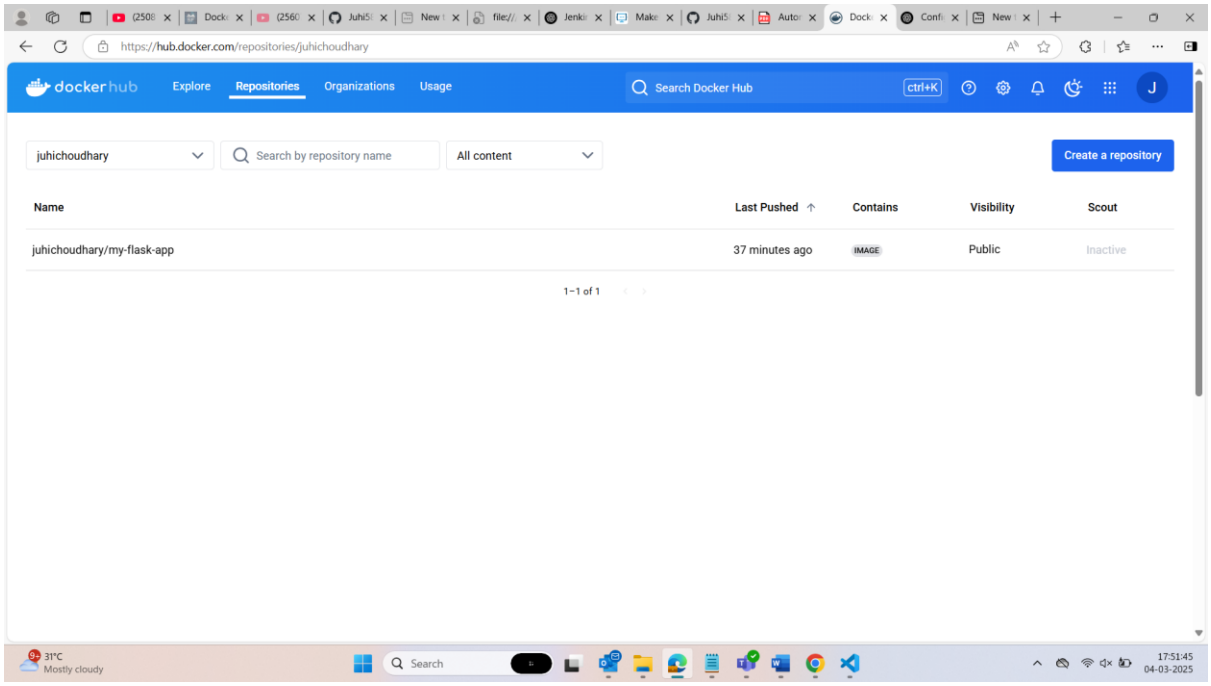


5. **Click Build Now:**





6. Verify Docker Image on Docker Hub


https://hub.docker.com/repositories/juhichoudhary
dockerhub
Explore
Repositories
Organizations
Usage
Search Docker Hub
ctrl+K
J
juhichoudhary
Search by repository name
All content
Create a repository
Name
Last Pushed
Contains
Visibility
Scout
juhichoudhary/my-flask-app
37 minutes ago
IMAGE
Public
Inactive
1–1 of 1
31°C
Mostly cloudy
Search
17:51:45
04-03-2025