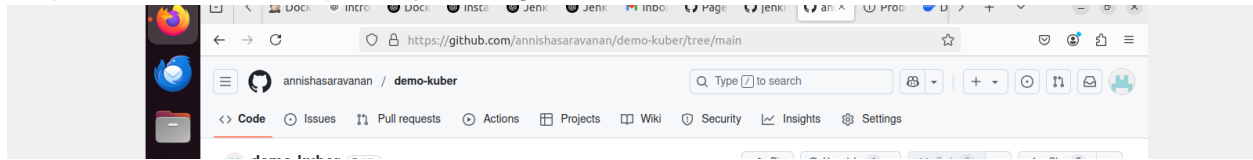
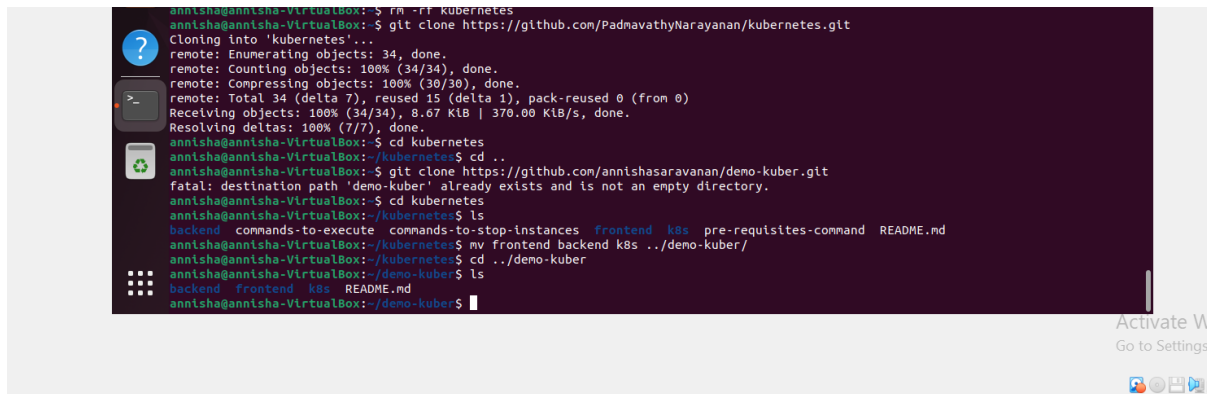


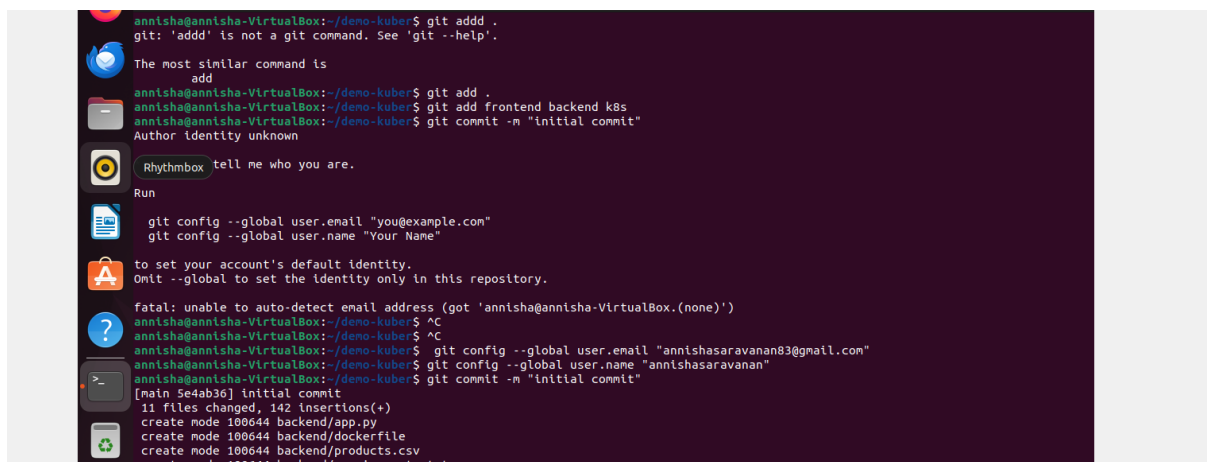
Step 1 : Create a new repository in the github



Step 2 : Move the **frontend**, **backend**, and **k8s** folders from the **kubernetes** directory to the **Dev** directory to organize project files.



Step 3 : Initialized a Git repository in the **Dev** folder, added the **frontend**, **backend**, and **k8s** folders, committed the changes, and attempted to push to GitHub. Authentication failed due to password authentication being removed; using a personal access token (PAT) is required.







Step 4 : Initialized a Git repository in the **Dev** folder, created a **Jenkinsfile**, added it to the repository, committed the changes, and successfully pushed the commit to the remote GitHub repository.

```
annishagannisha-VirtualBox:~/demo-kuber$ git add frontend backend k8s
annishagannisha-VirtualBox:~/demo-kuber$ git commit -m "Initial commit"
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
annishagannisha-VirtualBox:~/demo-kuber$ git push origin main
Username for 'https://github.com': annishasaravanan
Password for 'https://github.com':
Enumerating objects: 20, done.
Counting objects: 100% (20/20), done.
Delta compression using up to 4 threads
Compressing objects: 100% (18/18), done.
Writing objects: 100% (19/19), 3.26 KiB | 416.00 KiB/s, done.
Total 19 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), done.
To https://github.com/annishasaravanan/demo-kuber.git
d271a49..ef045bc main -> main
annishagannisha-VirtualBox:~/demo-kuber$
```

Step 5 : Create a new pipeline item in the jenkins



Build History

Project Relationship


Check File Fingerprint

Manage Jenkins

All

| S | W | Name ↓ | Last Success | Last Failure | Last Duration |
|---|----|--------|--------------|-----------------|---------------|
| ✖ | 🌤️ | Docker | N/A | 8 min 11 sec #1 | 38 sec |

Step 6 : The Jenkins dashboard displays the status of the "kubernetes" pipeline. The latest build (#5) was successful, while previous builds (#1 to #4) failed. The status section confirms that the last stable and successful build was #5, completed 3 hours and 37 minutes ago.

 **Jenkins**

Dashboard > kubernetes >

Status

</> Changes

▶ Build Now

⚙️ Configure

🗑️ Delete Pipeline

📁 Stages

✏️ Rename

❓ Pipeline Syntax

✓ kubernetes

Permalinks

- [Last build \(#5\), 3 hr 37 min ago](#)
- [Last stable build \(#5\), 3 hr 37 min ago](#)
- [Last successful build \(#5\), 3 hr 37 min ago](#)
- [Last failed build \(#4\), 3 hr 39 min ago](#)
- [Last unsuccessful build \(#4\), 3 hr 39 min ago](#)
- [Last completed build \(#5\), 3 hr 37 min ago](#)

Builds

⋮

🔍 Filter

📄

Today

✓ #5 04:47

✗ #4 04:45

✗ #3 04:31

✗ #2 04:30

✗ #1 04:30

localhost:8080