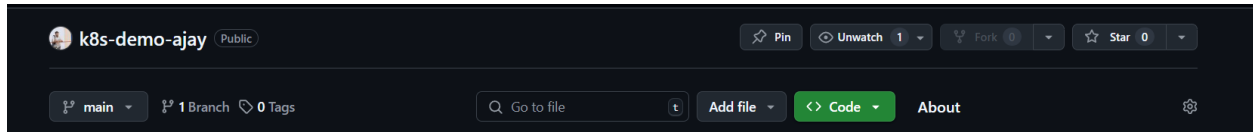Day-5

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.
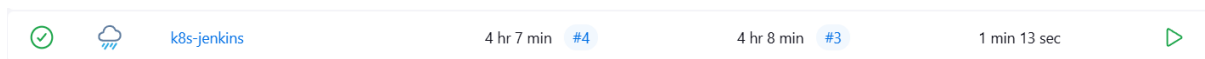

Step 3 : Initialized a Git repository in the `Dev` folder, added the `frontend`, `backend`, and `k8s` folders, committed the changes, and attempted to push to GitHub. Authentication failed due to password authentication being removed; using a personal access token (PAT) is required.
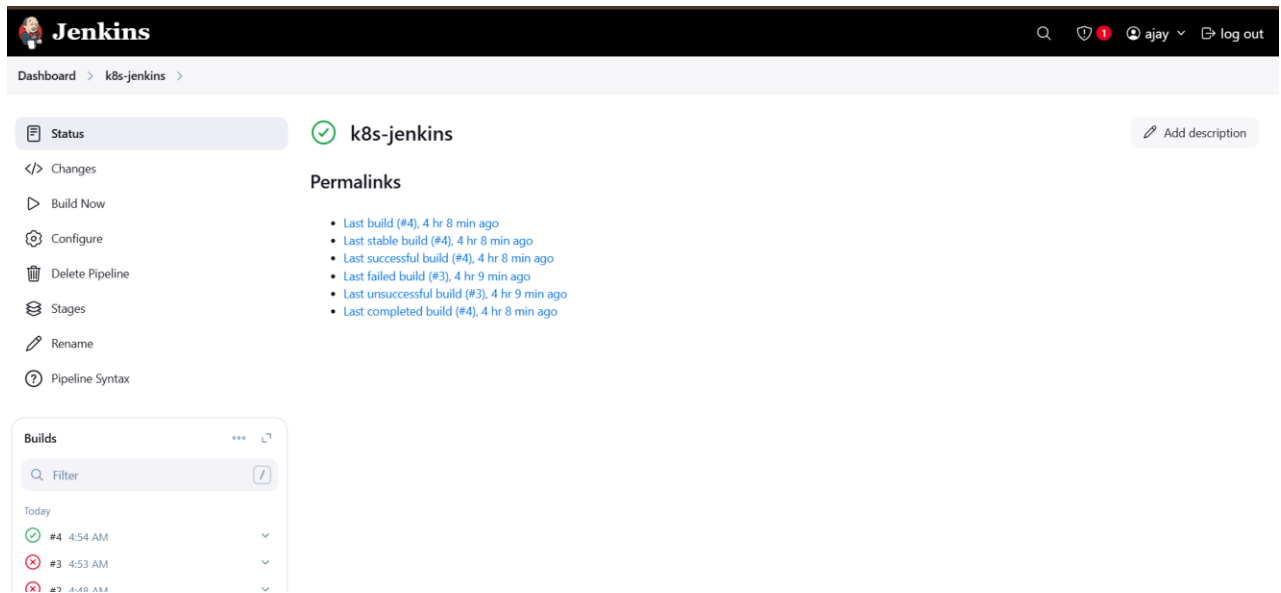
Step 4 : Initialized a Git repository in the Dev folder, created a Jenkinsfile, added it to the repository, committed the changes, and successfully pushed the commit to the remote GitHub repository.

```
sowmiya@LAPTOP-E2BCEK44:~/Dev$ nano Jenkinsfile
sowmiya@LAPTOP-E2BCEK44:~/Dev$ git init
Reinitialized existing Git repository in /home/sowmiya/Dev/.git/
sowmiya@LAPTOP-E2BCEK44:~/Dev$ git add .
sowmiya@LAPTOP-E2BCEK44:~/Dev$ git add Jenkinsfile
sowmiya@LAPTOP-E2BCEK44:~/Dev$ git commit -m "initial commit"
[main 1028f89] initial commit
 1 file changed, 66 insertions(+)
 create mode 100644 Jenkinsfile
sowmiya@LAPTOP-E2BCEK44:~/Dev$ git push origin main
Username for 'https://github.com': Sowmiya-2024-git
Password for 'https://Sowmiya-2024-git@github.com':
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 962 bytes | 962.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Sowmiya-2024-git/Dev.git
   3ebe6ab..1028f89  main -> main
```

Step 5 : Create a new pipeline item in the jenkins

| ⊘ | ☁ | k8s-jenkins | 4 hr 7 min #4 | 4 hr 8 min #3 | 1 min 13 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 > k8s-jenkins >

- Status
- Changes
- Build Now
- Configure
- Delete Pipeline
- Stages
- Rename
- Pipeline Syntax

✓ k8s-jenkins

Permalinks

- Last build (#4), 4 hr 8 min ago
- Last stable build (#4), 4 hr 8 min ago
- Last successful build (#4), 4 hr 8 min ago
- Last failed build (#3), 4 hr 9 min ago
- Last unsuccessful build (#3), 4 hr 9 min ago
- Last completed build (#4), 4 hr 8 min ago

Add description

Builds

Filter

Today

✓ #4 4:54 AM
✗ #3 4:53 AM
✗ #2 4:48 AM