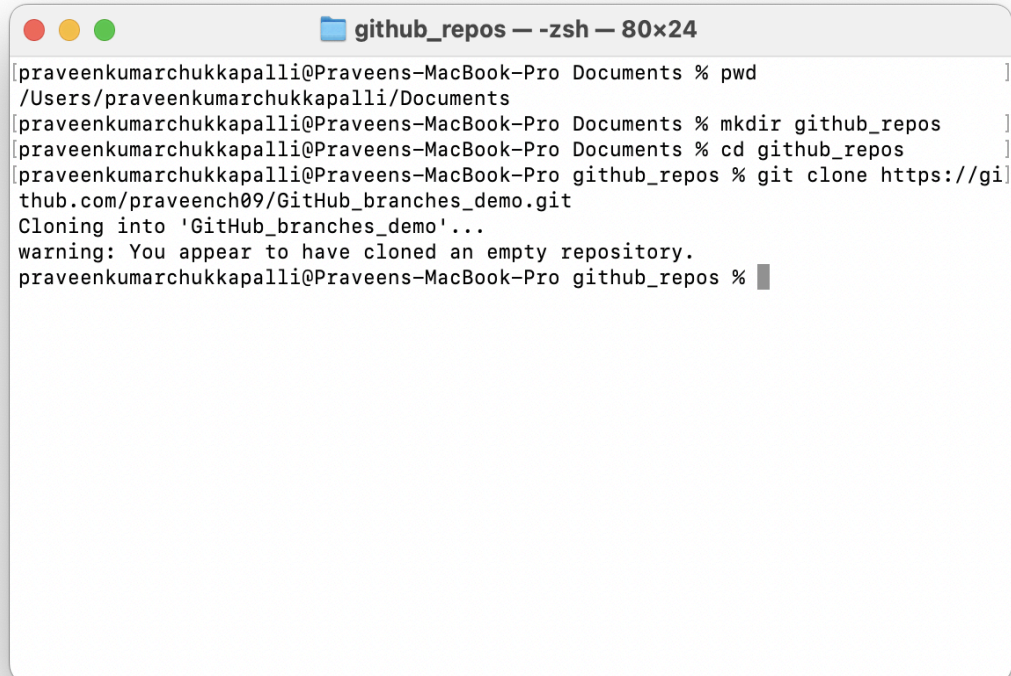
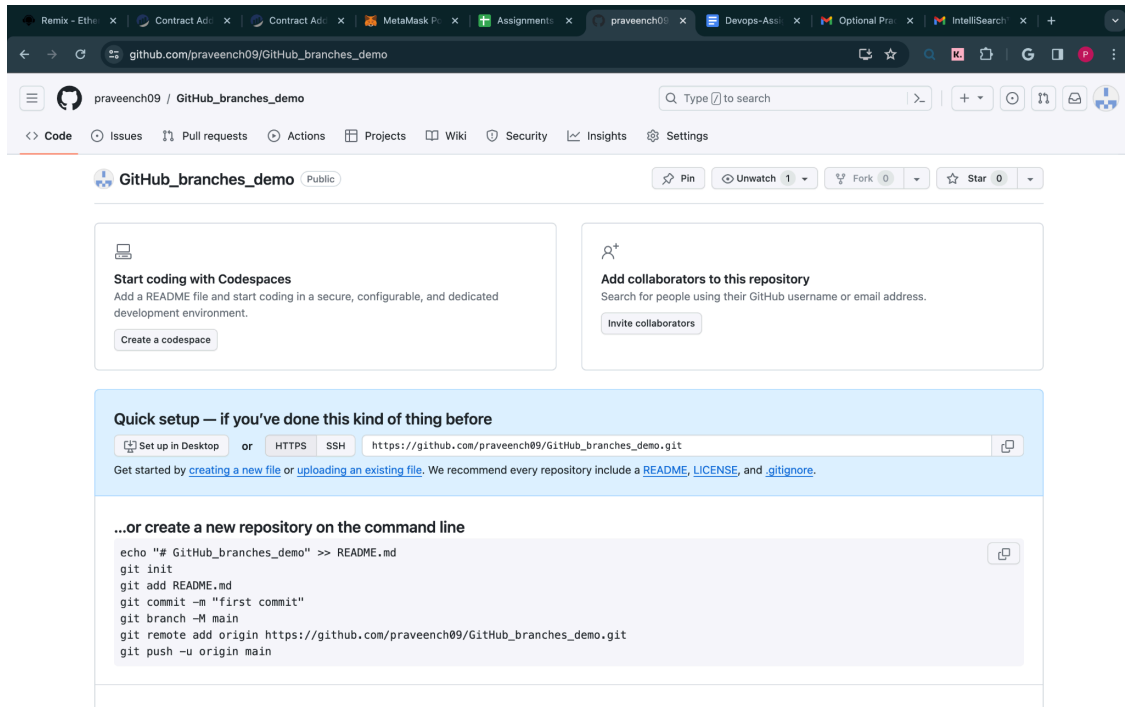


# Devops Assignment- 8

Praveen Kumar Chukkapalli

## 1.) Create Repo, Clone to Local

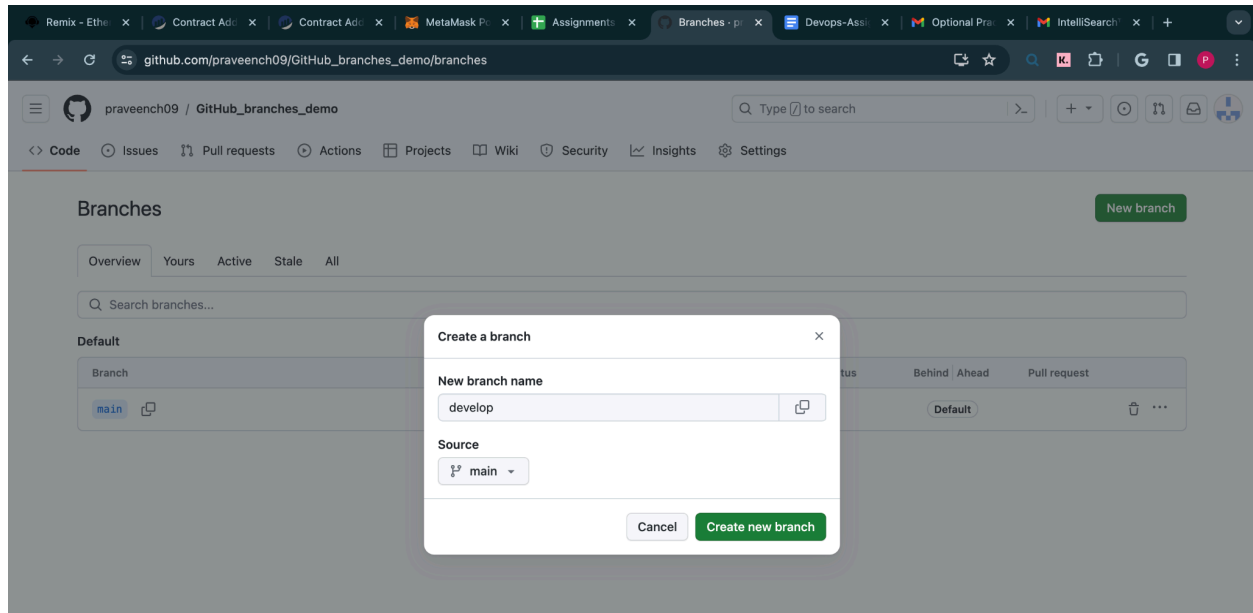


# Devops Assignment- 8

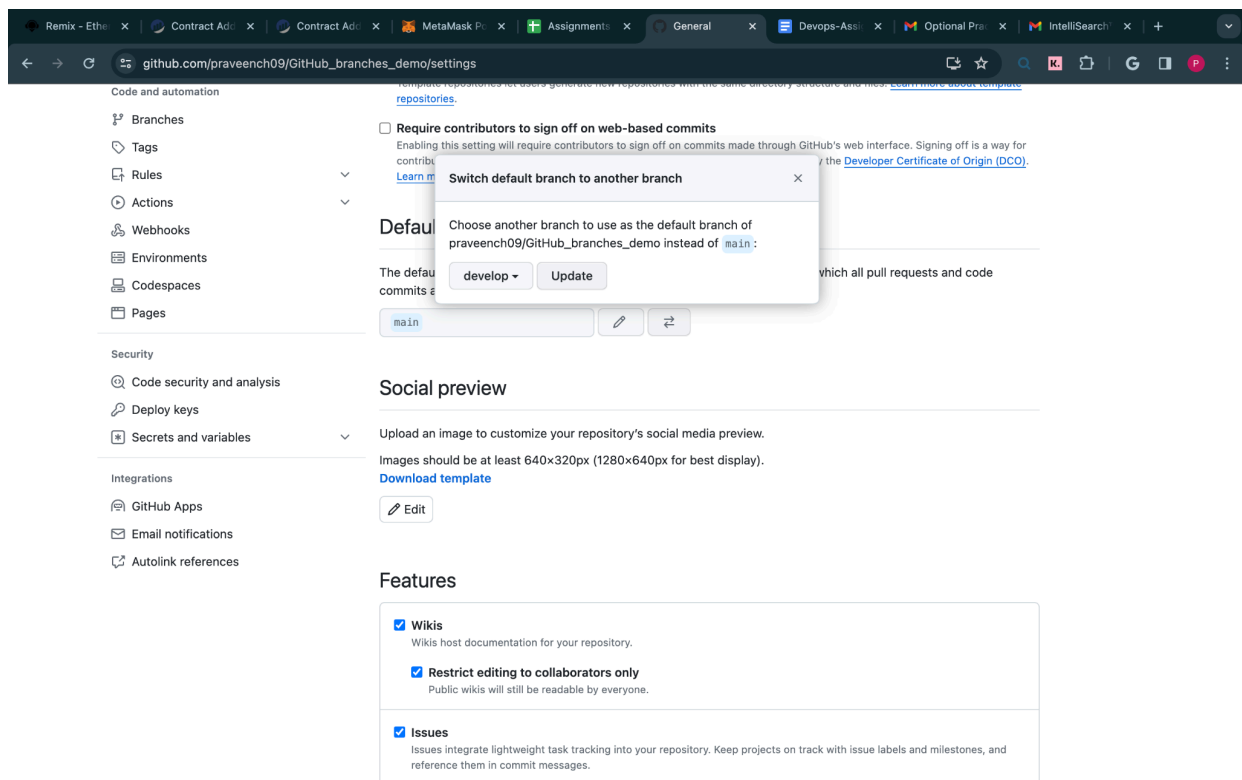
Praveen Kumar Chukkapalli

## 2.) Work on 2 Branches and Merge both Branches to develop using PR

### Creating new branch (develop branch)



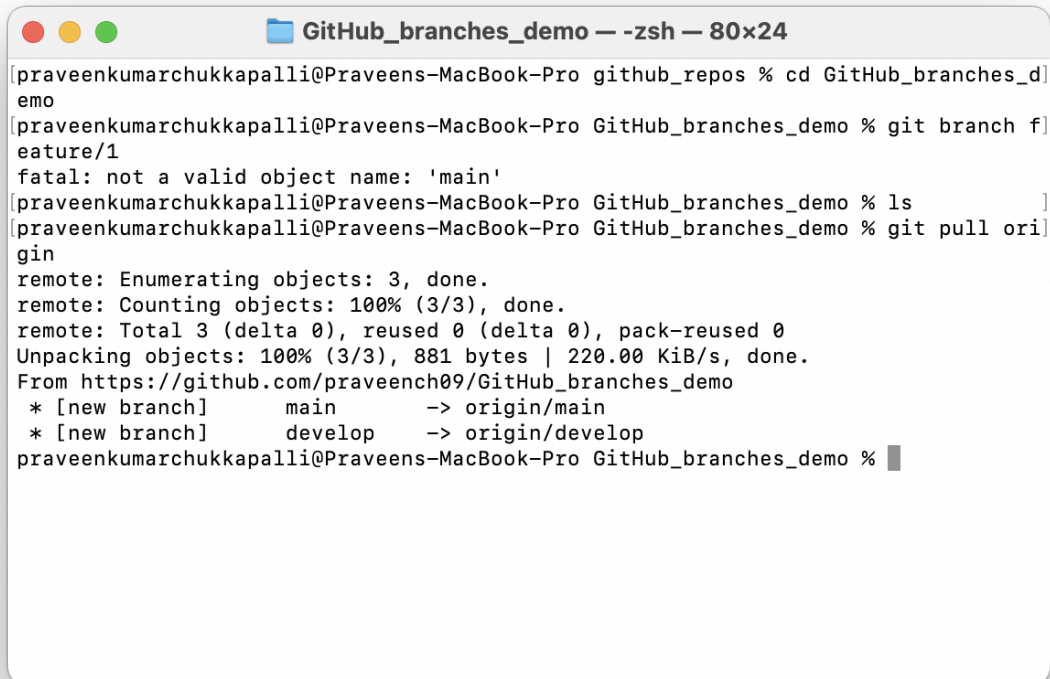
### Making the develop the default branch



# Devops Assignment- 8

Praveen Kumar Chukkapalli

Fetching the latest commits to local repo :



```
praveenkumarchukkapalli@Praveens-MacBook-Pro github_repos % cd GitHub_branches_demo
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git branch feature/1
fatal: not a valid object name: 'main'
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % ls
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git pull origin
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (3/3), 881 bytes | 220.00 KiB/s, done.
From https://github.com/praveench09/GitHub_branches_demo
* [new branch]      main      -> origin/main
* [new branch]      develop   -> origin/develop
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo %
```

Creating two feature branches



```
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git branch feature/1
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git branch feature/2
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo %
```

# Devops Assignment- 8

Praveen Kumar Chukkapalli

Pushing a forked Feature branch-1 to remote develop branch to merge by raising a Pull request .

```
GitHub_branches_demo — -zsh — 80x24

[praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % ls
README.md      feature1.txt
[praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git branch
* feature/1
  feature/2
  main
[praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo % git push -u
origin feature/1
branch 'feature/1' set up to track 'origin/feature/1'.
Everything up-to-date
praveenkumarchukkapalli@Praveens-MacBook-Pro GitHub_branches_demo %
```

The screenshot shows a web browser window displaying a GitHub pull request page. The browser's address bar shows the URL: `github.com/praveench09/GitHub_branches_demo/compare/feature/1?expand=1`. The page header includes the repository name 'praveench09 / GitHub\_branches\_demo' and a search bar. Below the header, there are navigation tabs for 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects', 'Wiki', 'Security', 'Insights', and 'Settings'. The main content area is titled 'Open a pull request' and includes a sub-header 'Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#). [Learn more about diff comparisons here](#).' Below this, there is a comparison bar showing 'base: develop' and 'compare: feature/1' with a green checkmark and the text 'Able to merge. These branches can be automatically merged.' The main form has two sections: 'Add a title' with a text input field containing 'adding feature 1', and 'Add a description' with a rich text editor containing the placeholder text 'Add your description here...'. To the right of the form, there are several sections: 'Reviewers' (No reviews), 'Assignees' (No one—assign yourself), 'Labels' (None yet), 'Projects' (None yet), 'Milestone' (No milestone), and 'Development' (Use [Closing keywords](#) in the description to automatically close issues). At the bottom right, there is a green button labeled 'Create pull request'. At the bottom left, there is a note: 'Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).'

# Devops Assignment- 8

Praveen Kumar Chukkapalli

Reviewed the PR and merged the feature branch -1

The screenshot shows a GitHub pull request (PR) titled "adding feature 1" in the repository "praveench09/GitHub\_branches\_demo". The PR is in the "Merged" state, with the message "praveench09 merged 1 commit into develop from feature/1 now". The PR description is "No description provided." and the commit hash is "b1e5322". The PR was merged by "praveench09" on "Jan 23, 2024". A message below the PR states "Pull request successfully merged and closed" and "You're all set—the feature/1 branch can be safely deleted." with a "Delete branch" button. The right sidebar shows settings for reviewers, assignees, labels, projects, milestones, development, notifications, and participants. The bottom of the page shows a comment box and a "Comment" button.

Merged another branch feature branch -2 similarly

The screenshot shows the "Commits" page for the "develop" branch in the repository "praveench09 / GitHub\_branches\_demo". The page lists the following commits:

- Merge pull request #2 from praveench09/feature/2** (Verified, 59cad26) - praveench09 committed 1 minute ago
- Pushing second feature** (aa65cdb) - praveenchukkapalli committed 2 minutes ago
- Merge pull request #1 from praveench09/feature/1** (Verified, 186682a) - praveench09 committed 5 minutes ago
- adding feature 1** (b1e5322) - praveenchukkapalli committed 2 hours ago
- Create README.md** (Verified, 23f37eb) - praveench09 committed 2 hours ago