

Collaborating on GitHub

1. Open the local repository of the github repository and change from feature-login to main branch.

```
MINGW64:/c/Users/balas/Downloads/mnbmjgju/git
balas@Girija MINGW64 ~/Downloads/mnbmjgju
$ cd git

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-login)
$ git fetch origin
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 905 bytes | 181.00 KiB/s, done.
From https://github.com/Girija250/test
 c801f68..fa6bd47  main      -> origin/main

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-login)
$ git checkout main
Switched to branch 'main'
Your branch is behind 'origin/main' by 2 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)
```

2. Check the changes made in the branch.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (main)
$ git pull origin main
From https://github.com/Girija250/test
 * branch                main          -> FETCH_HEAD
Updating c801f68..fa6bd47
Fast-forward
 login.py | 0
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 login.py
```

3. Now create a new branch named feature-new.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (main)
$ git checkout -b feature-new
Switched to a new branch 'feature-new'
```

4. Now commit the changes in the repository by creating a new file or updating the file.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (main)
$ git checkout -b feature-new
Switched to a new branch 'feature-new'

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
$ touch login_new.py

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
$ git add login_new.py

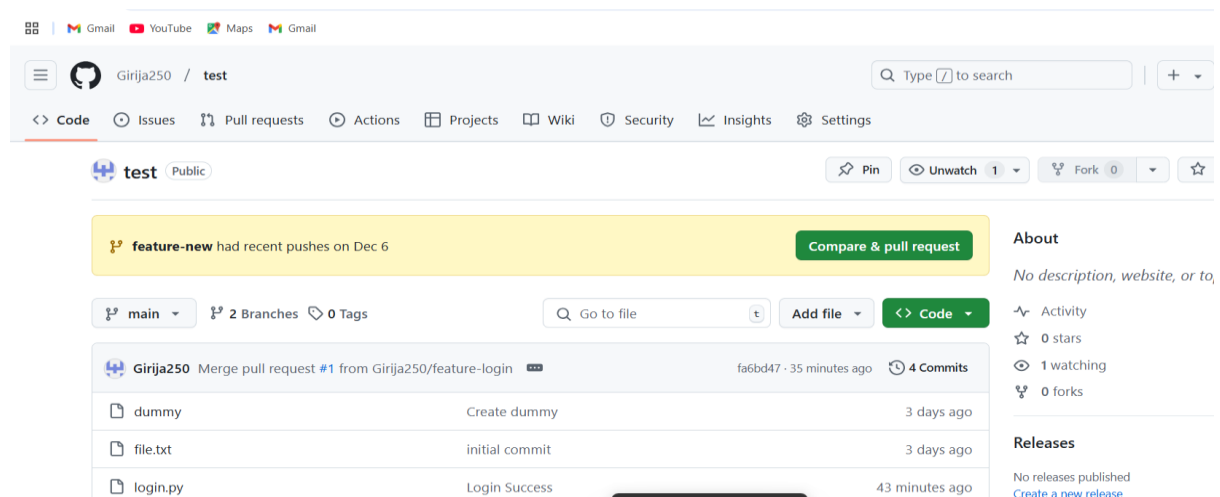
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
$ git commit -m "Welcome"
[feature-new 4568e4a] Welcome
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 login_new.py

balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
$
```

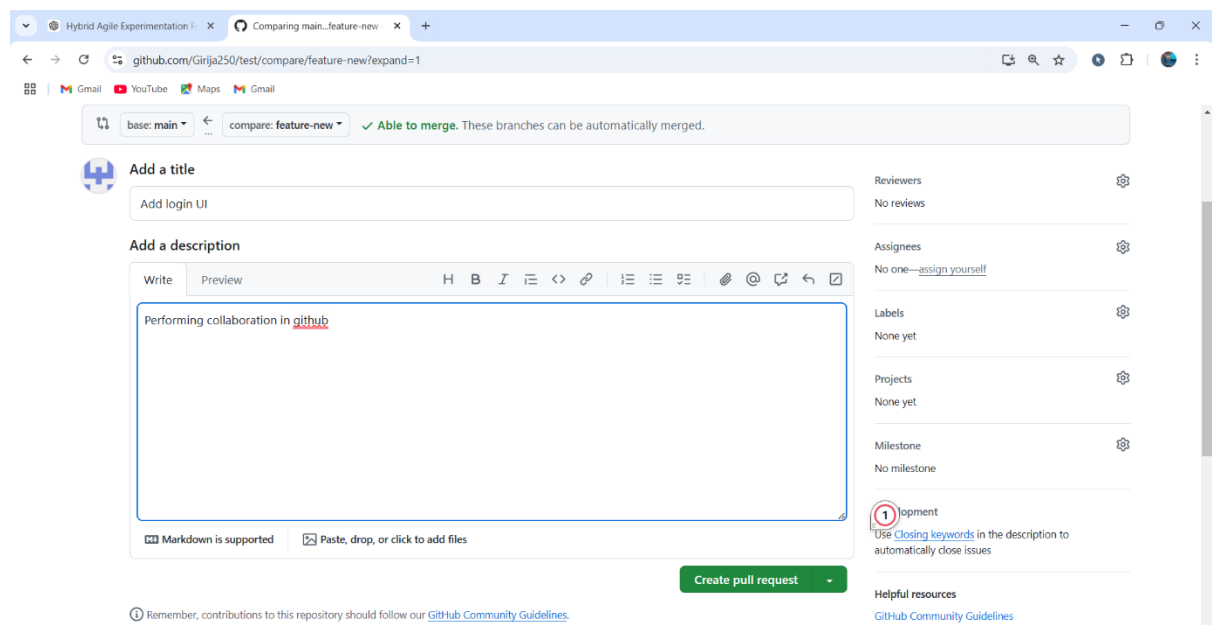
5. Push the changes to the github repository.

```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
$ git push origin feature-new
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 244 bytes | 244.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'feature-new' on GitHub by visiting:
remote:   https://github.com/Girija250/test/pull/new/feature-new
remote:
To https://github.com/Girija250/test.git
 * [new branch]      feature-new -> feature-new
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-new)
```

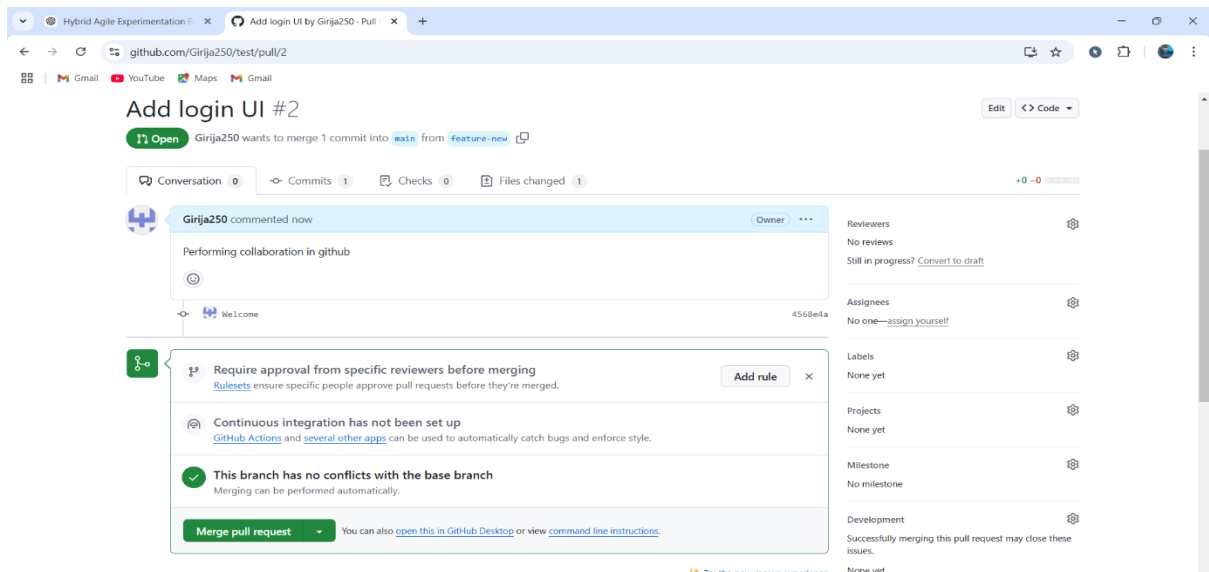
6. Open the specific repository in github and click on popup notification of pull request.



7. Give title and description for the pull request. Click on the create pull request.



8. Observe successful pull request and click on merge pull request.



9. Verify the successful pull and merge of collaboration.

