

Branching and Merging in Github

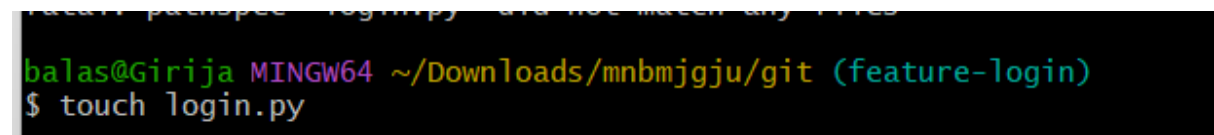
1. Open the main branch folder and create a new branch as shown below.



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

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

2. Create a new python file in the current folder by using touch command.

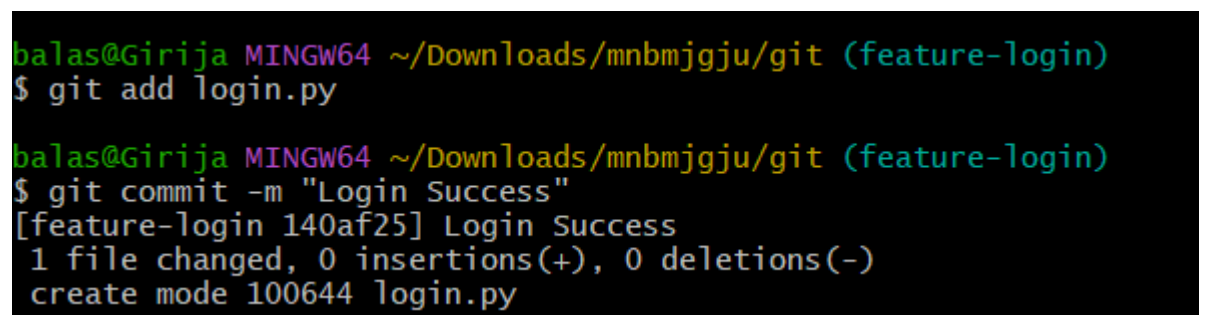


```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-login)
$ touch login.py
```

3. Verify the creation of new file.



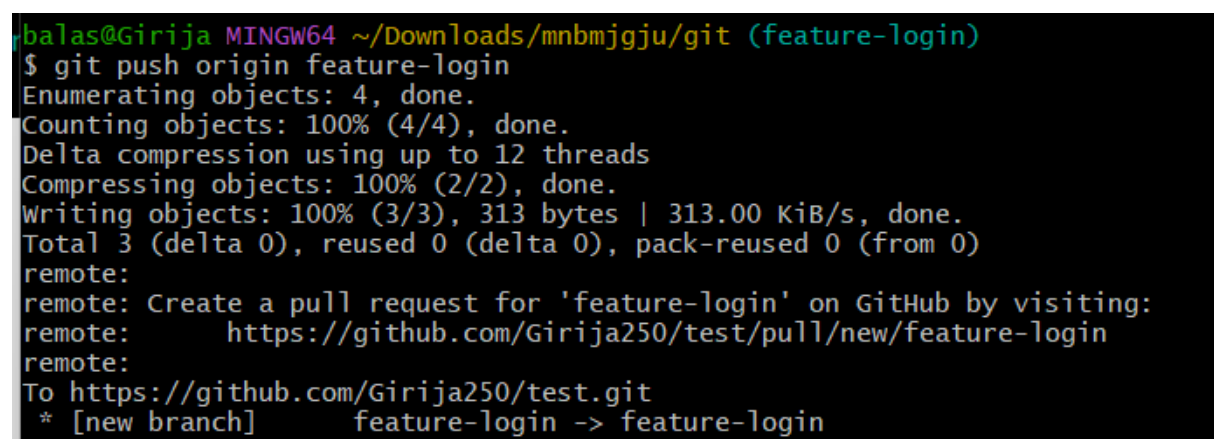
4. Commit the changes in the python file as shown.



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

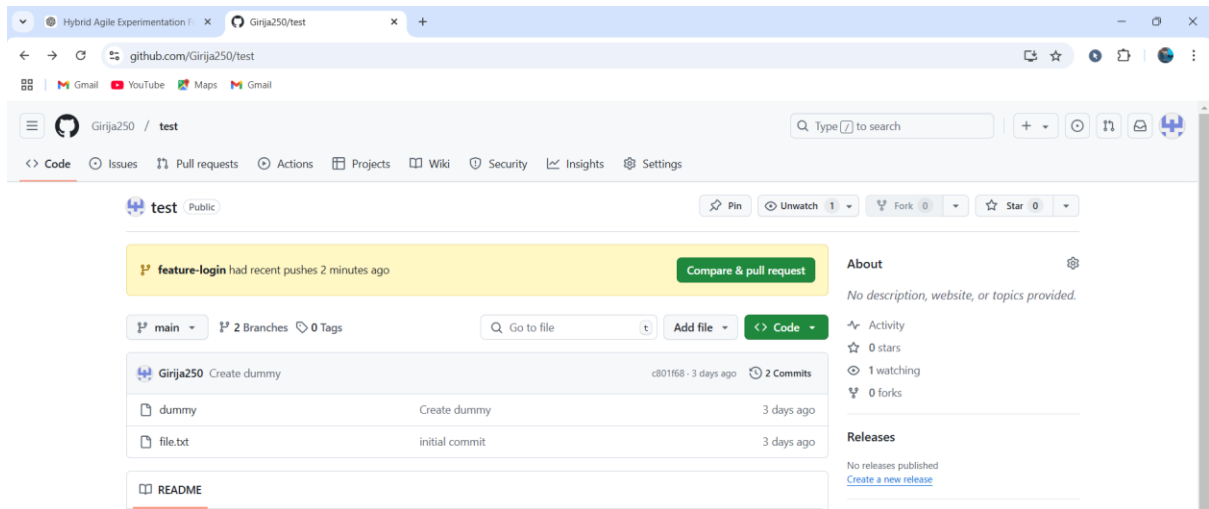
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-login)
$ git commit -m "Login Success"
[feature-login 140af25] Login Success
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 login.py
```

5. Push the origin branch created now into the repository using git push command.

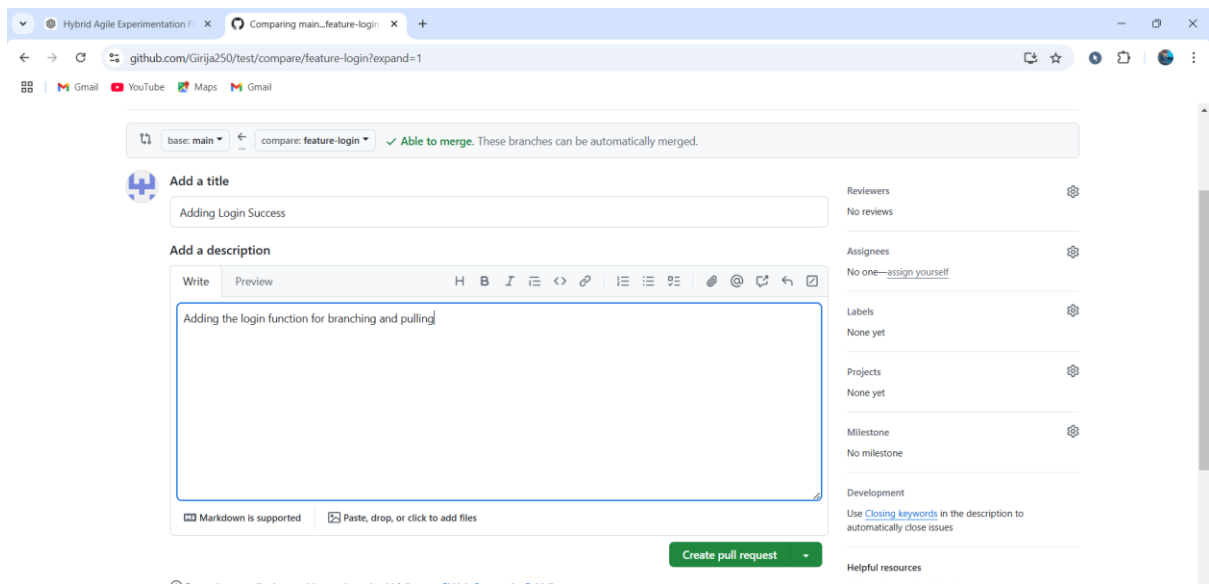


```
balas@Girija MINGW64 ~/Downloads/mnbmjgju/git (feature-login)
$ git push origin feature-login
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 313 bytes | 313.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature-login' on GitHub by visiting:
remote:   https://github.com/Girija250/test/pull/new/feature-login
remote:
To https://github.com/Girija250/test.git
* [new branch]      feature-login -> feature-login
```

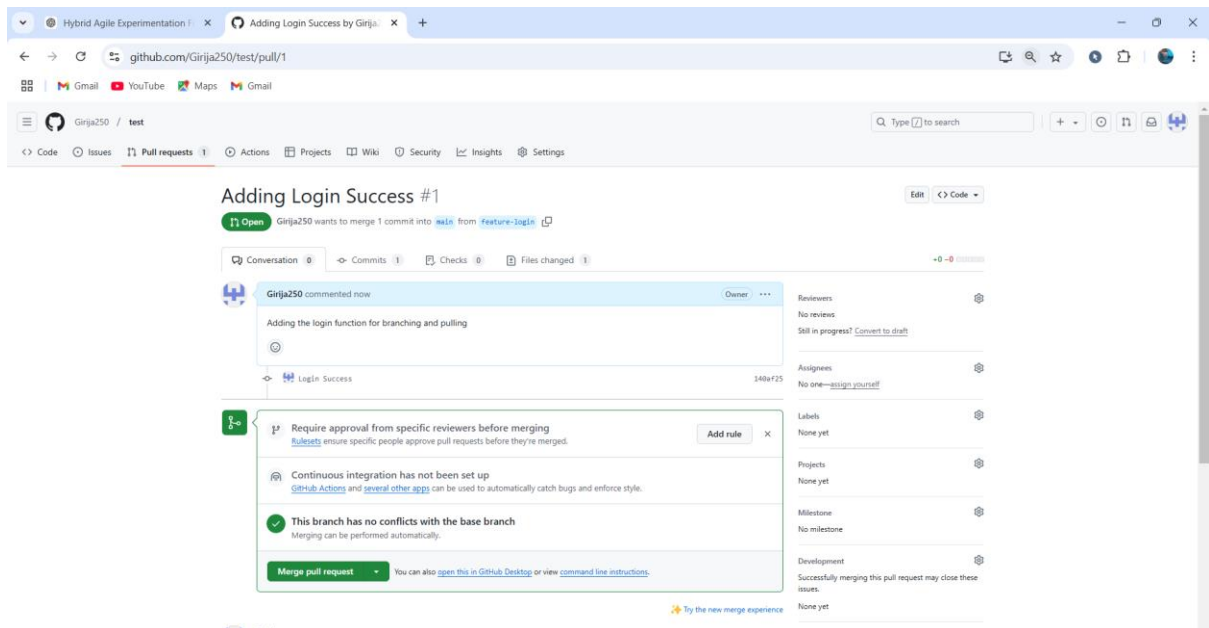
6. Open the specific repository in github and notice the popup message as compare and pull request. Click it.



7. Add the title and description for the pull request. And click create pull request.



8. Once the pull request is success, click on merge pull request button.



9. Notice the Branching and Merging is successful.

