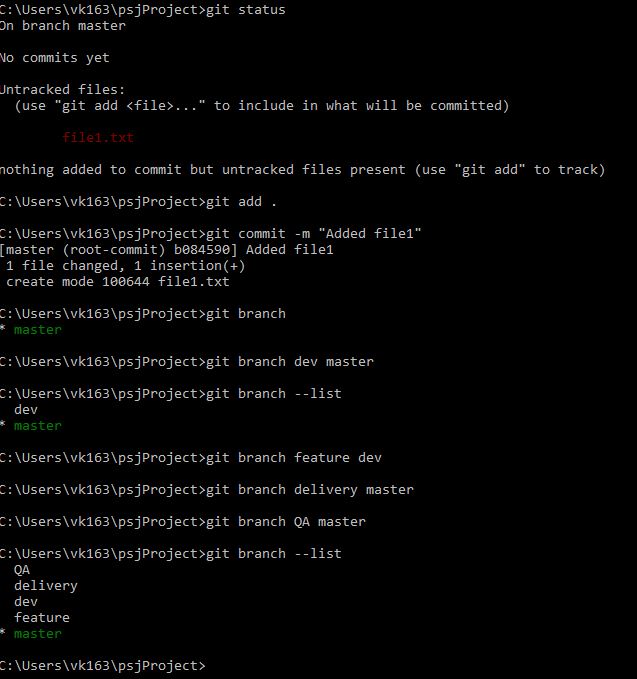
**WEEK 1 assignment**

**Vivek Kumar(vk16309@gmail.com)**

**Setup local repo**

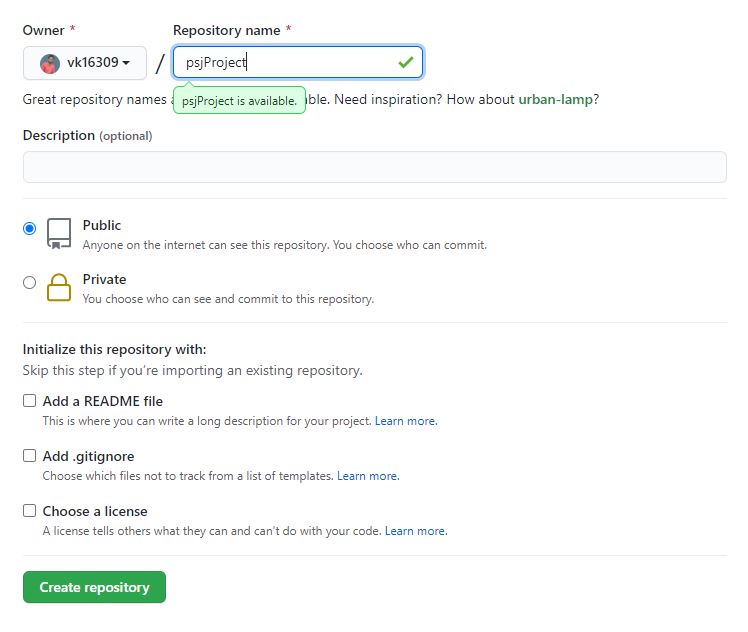
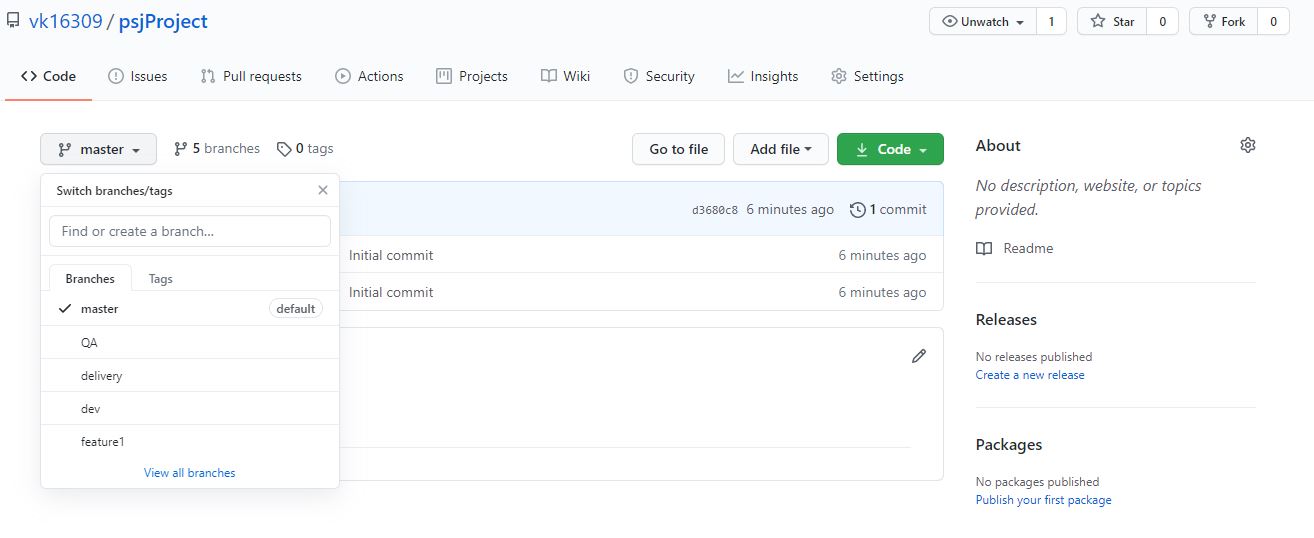
git init

git branch

git branch <branchName>

git branch –list

**Setup remote repo**

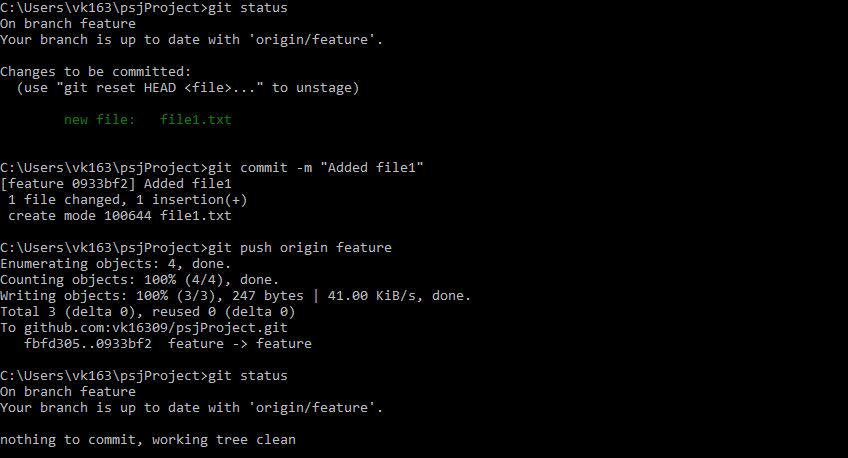


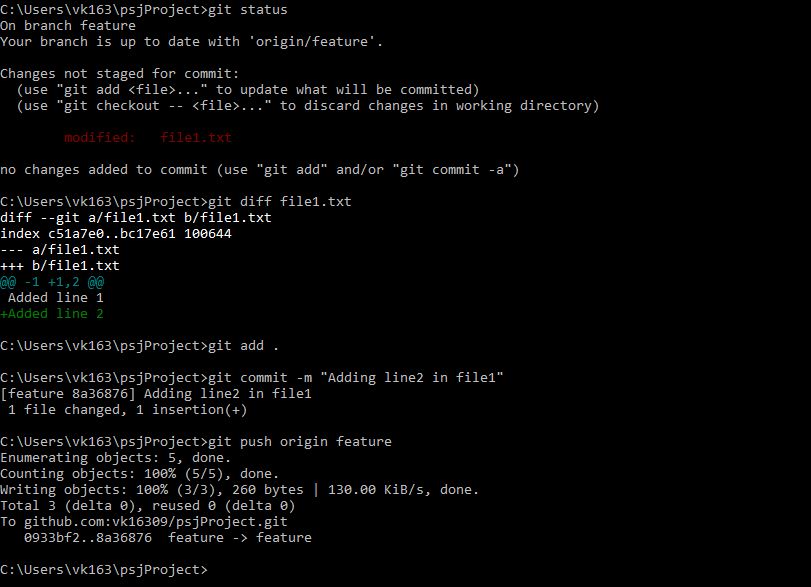
**Adding file**

git status

git add .

git commit -m <message>

**Changing file**



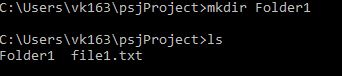
**Create and delete folder**

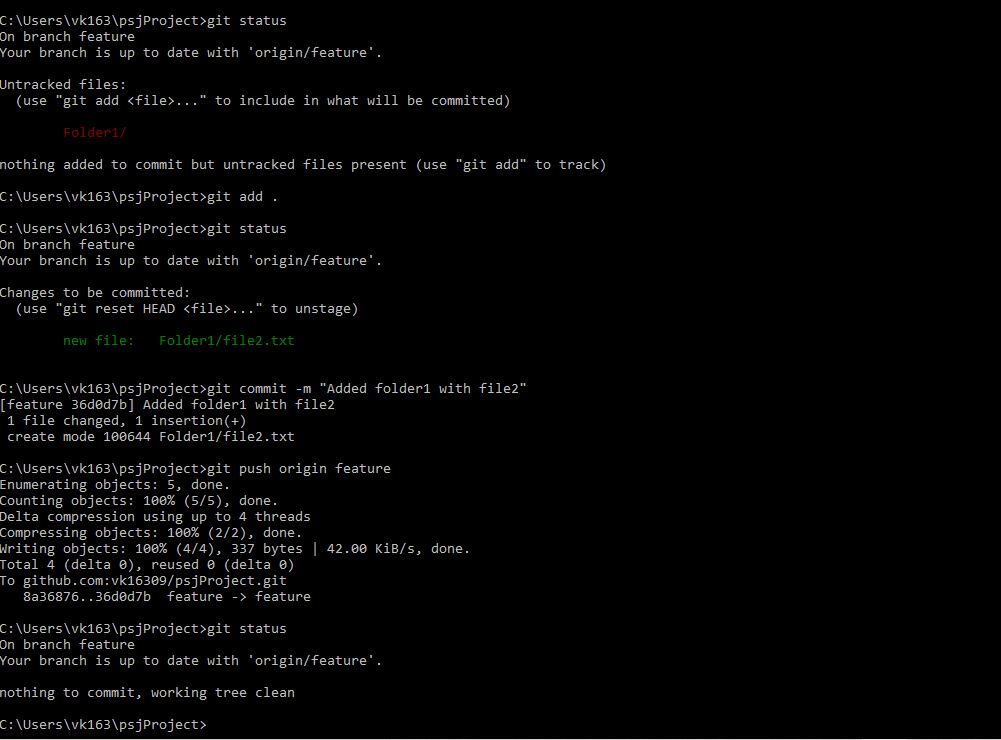
git status

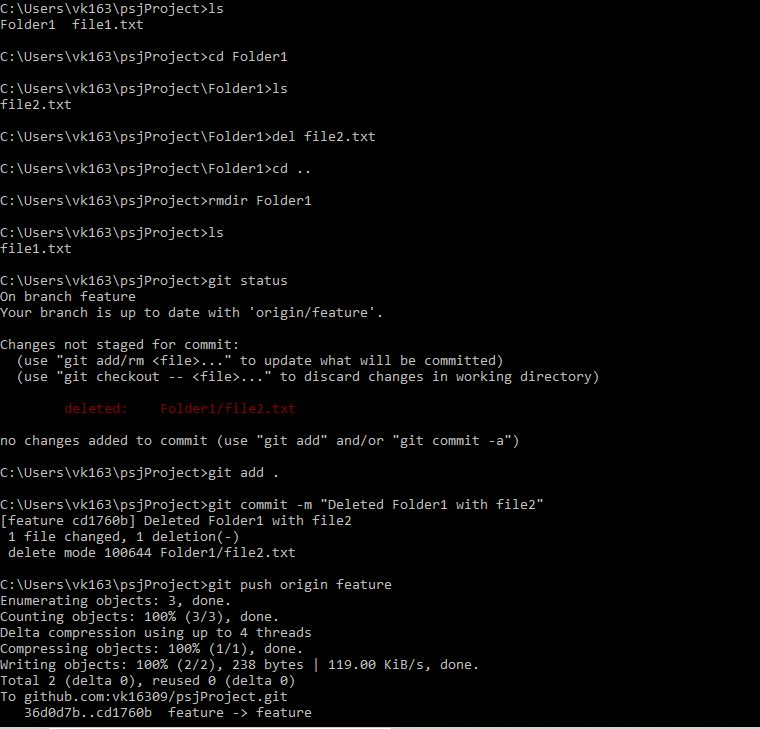
git add .

git commit -m <message>

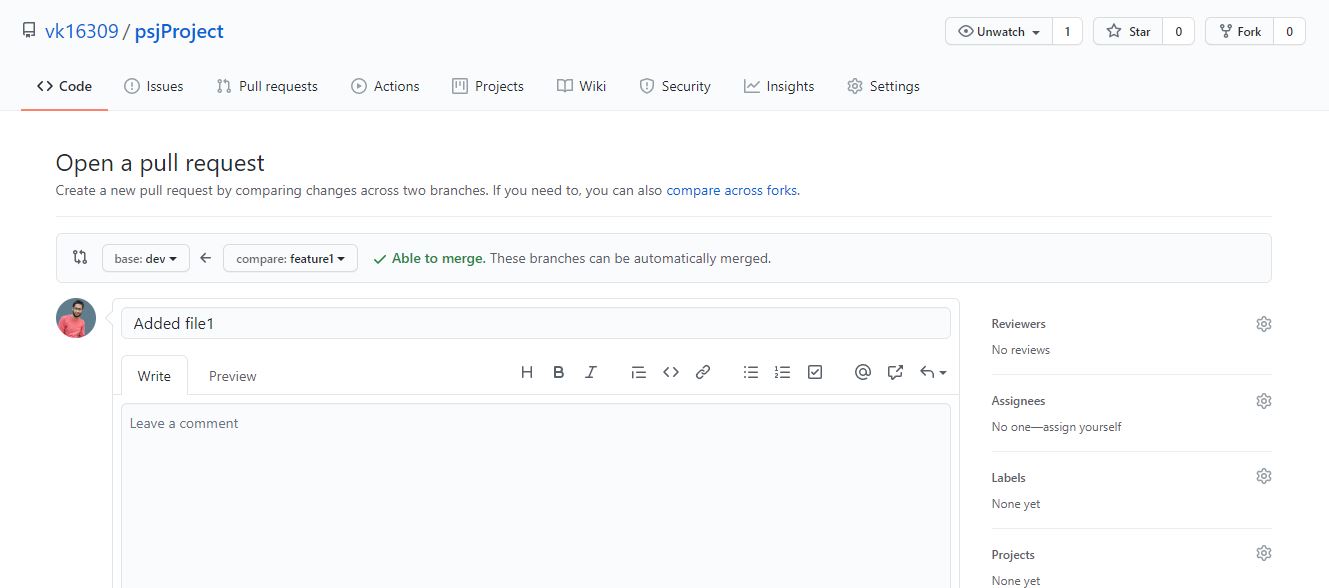
git push origin <branch>

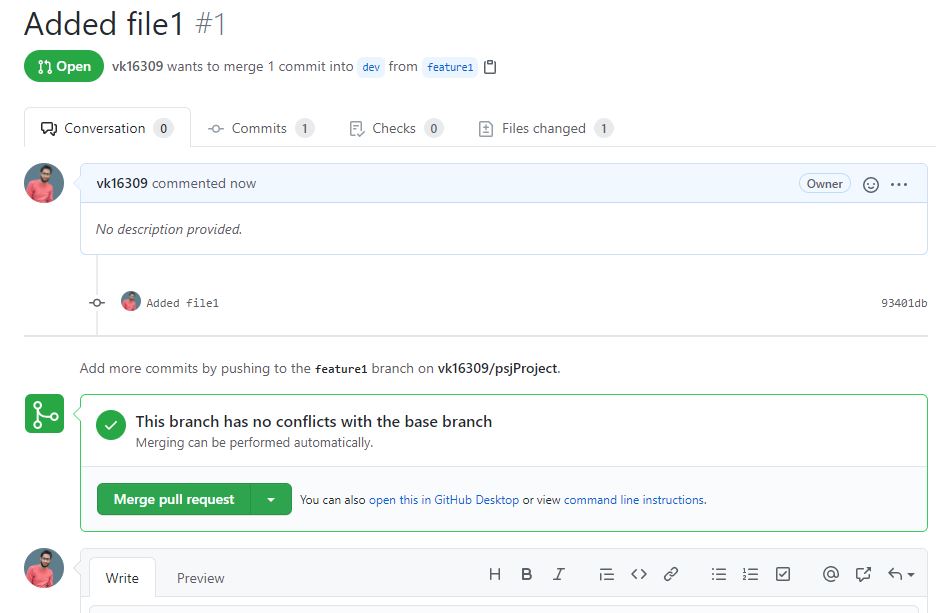


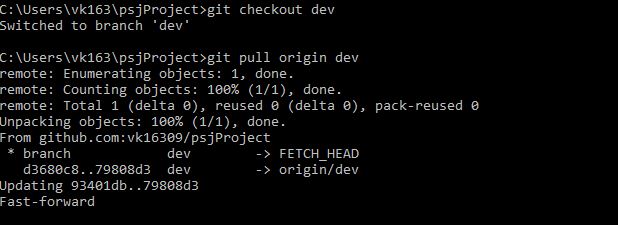




**Merge feature to dev**



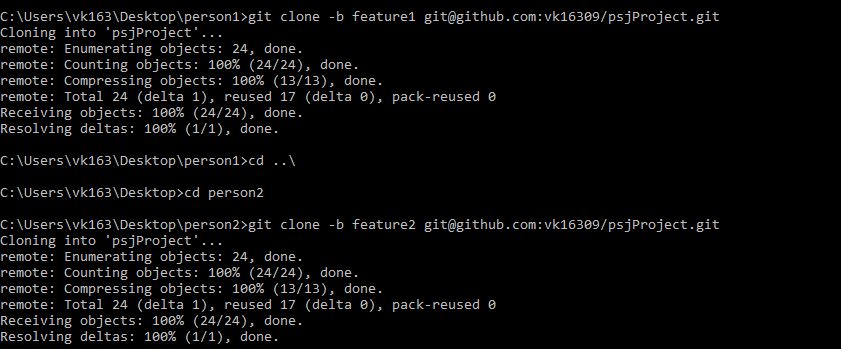


**Checkout latest code from remote to local**

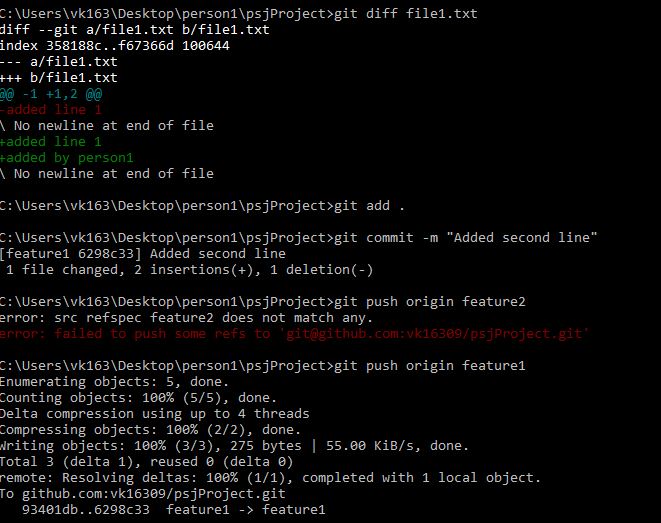
Checkout: Fetches the latest changes. You should already have this repo downloaded. It does not merge those new changes but makes your working directory reflect them. You can merge them at your leisure later.

Pull: Fetches the changes AND merges them into the local branch of the same name.

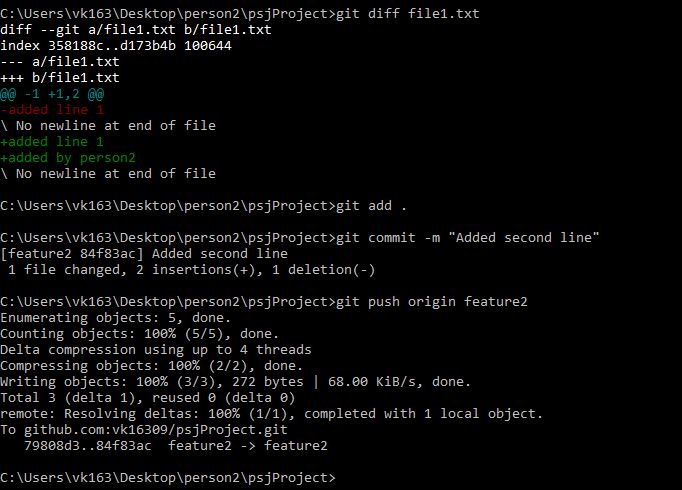
**Create 2 persons and merge**



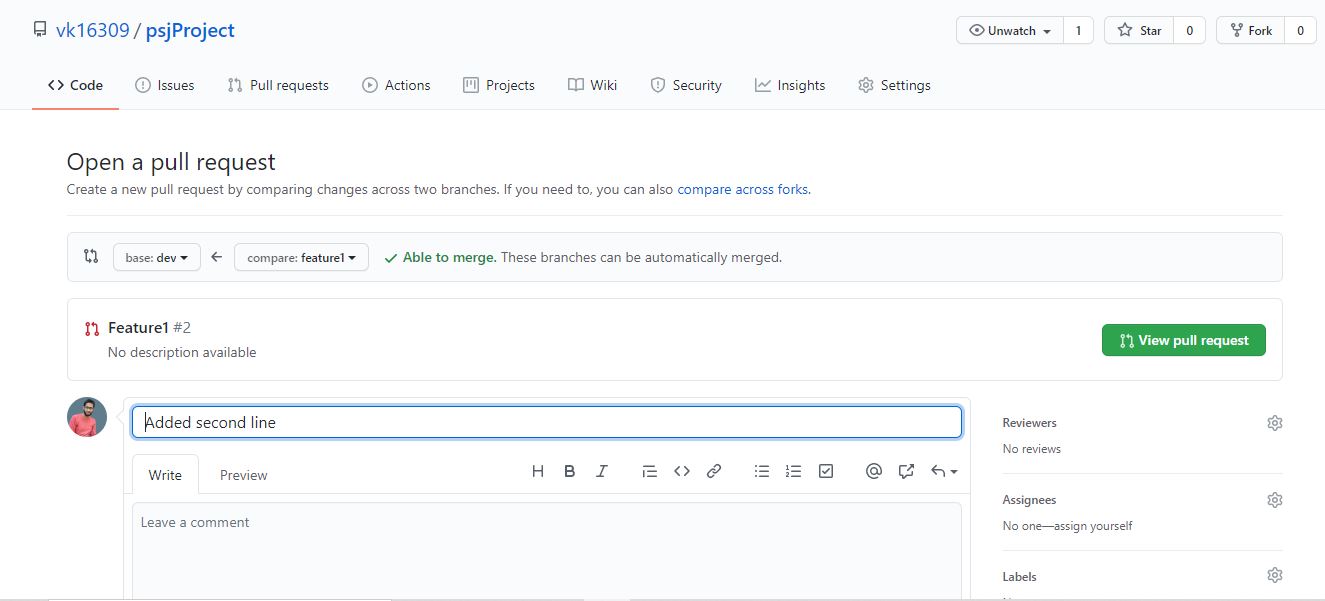
**Pushed by Person1**



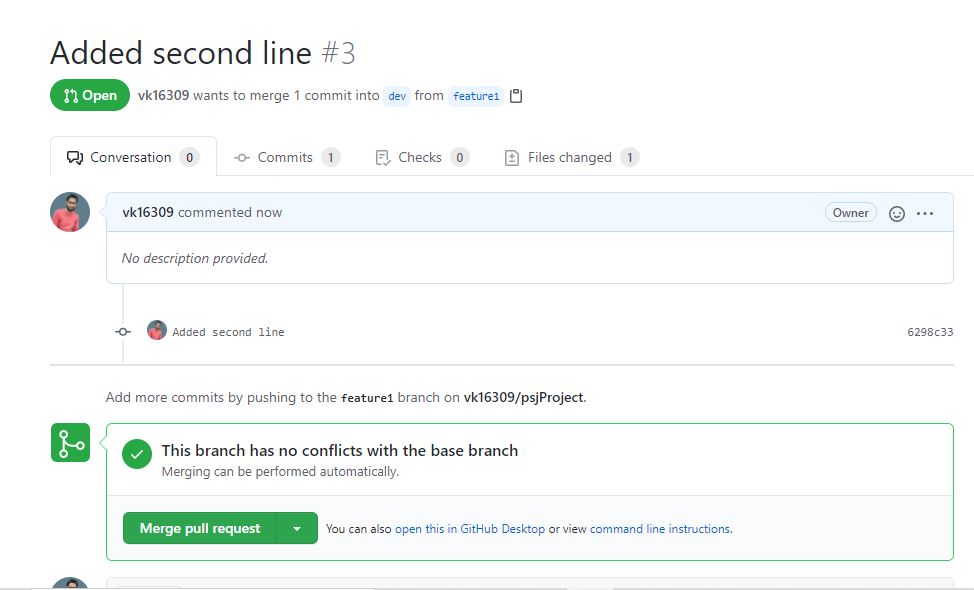
**Pushed by Person2**

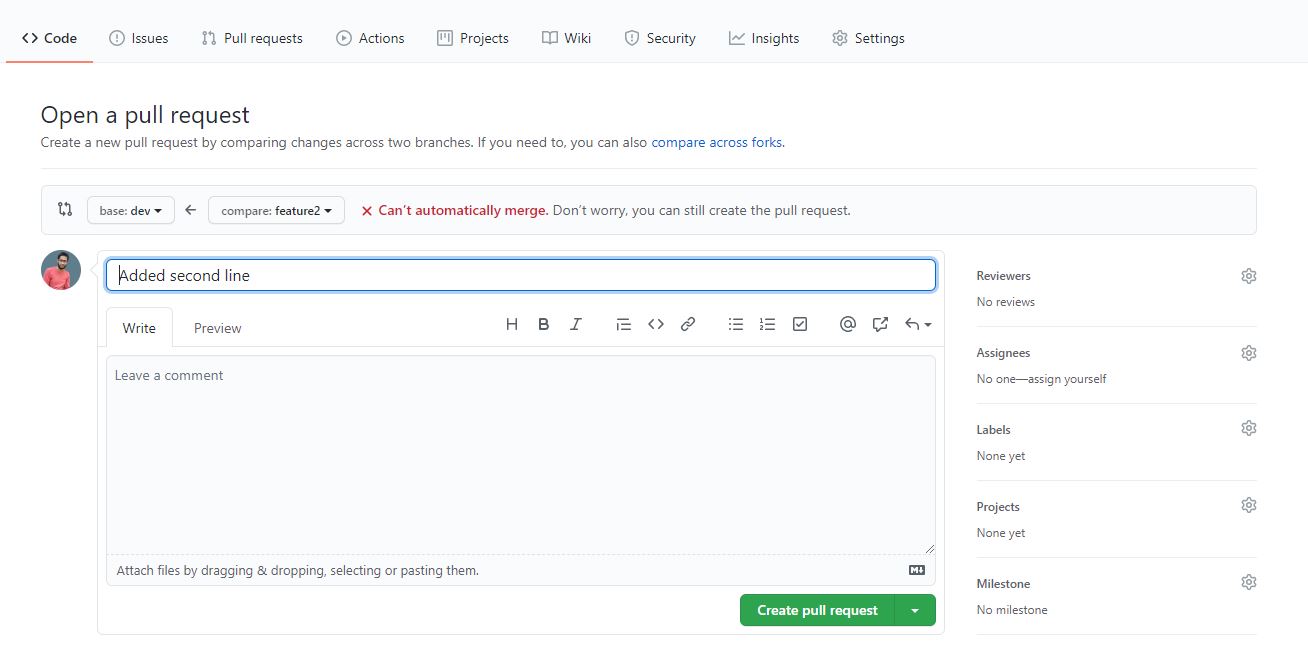


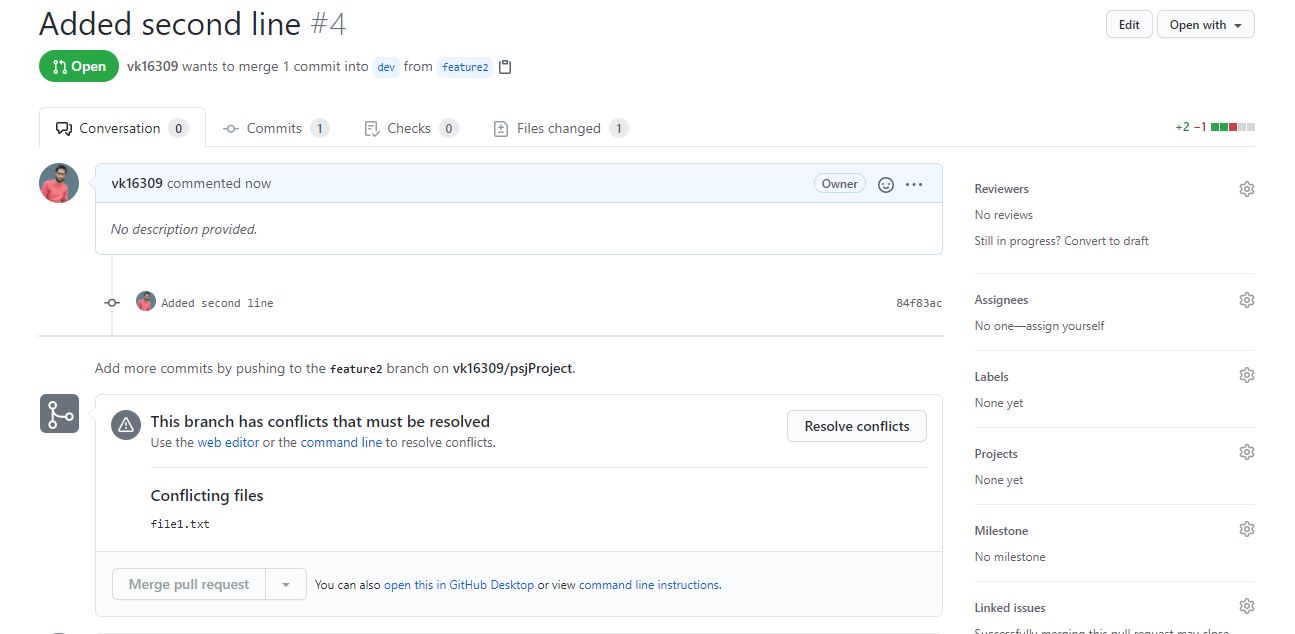
**Pull request by Person1**

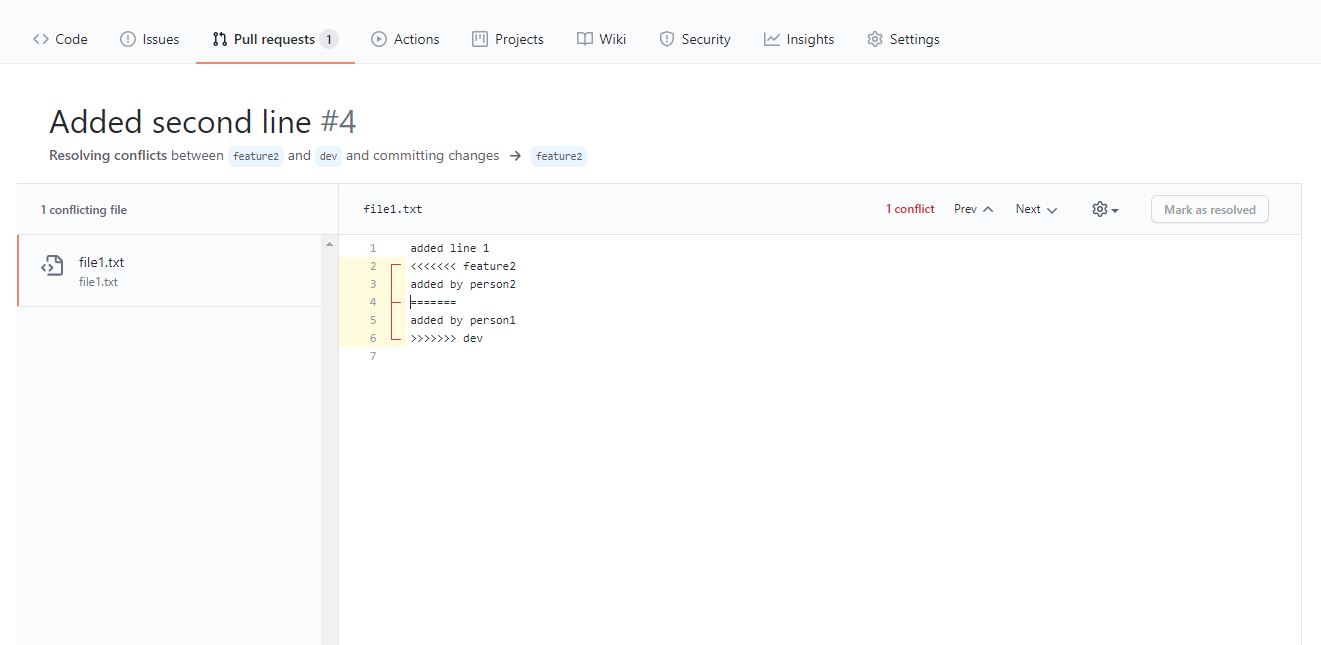


**Merge Person1**

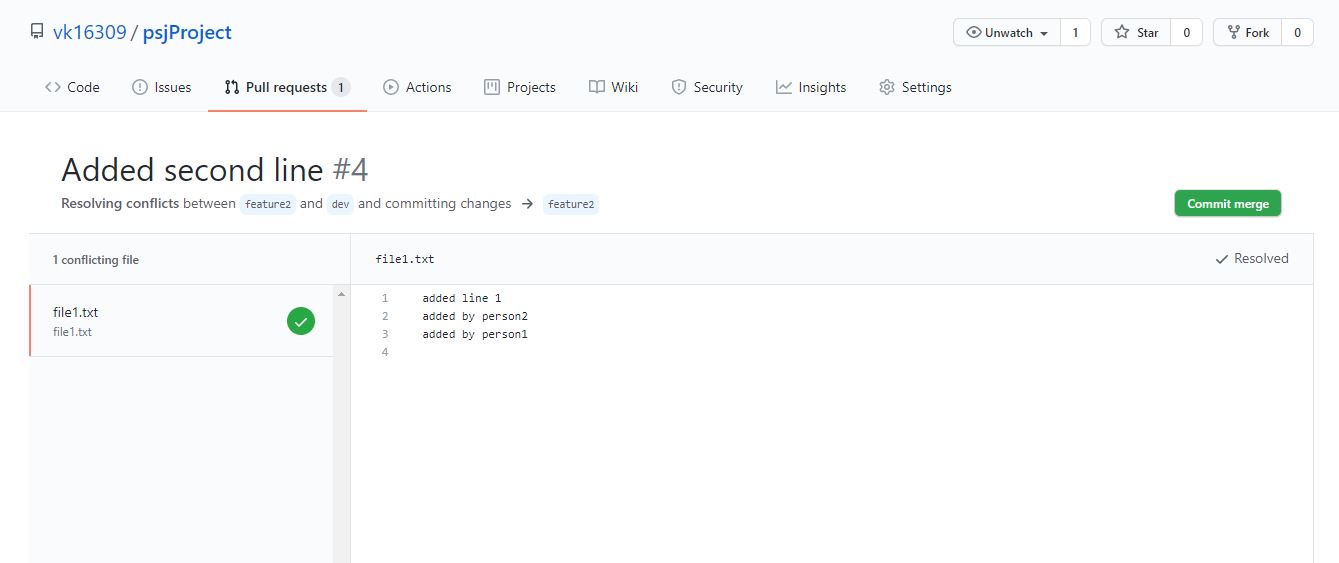
**Pull Request by Person2**

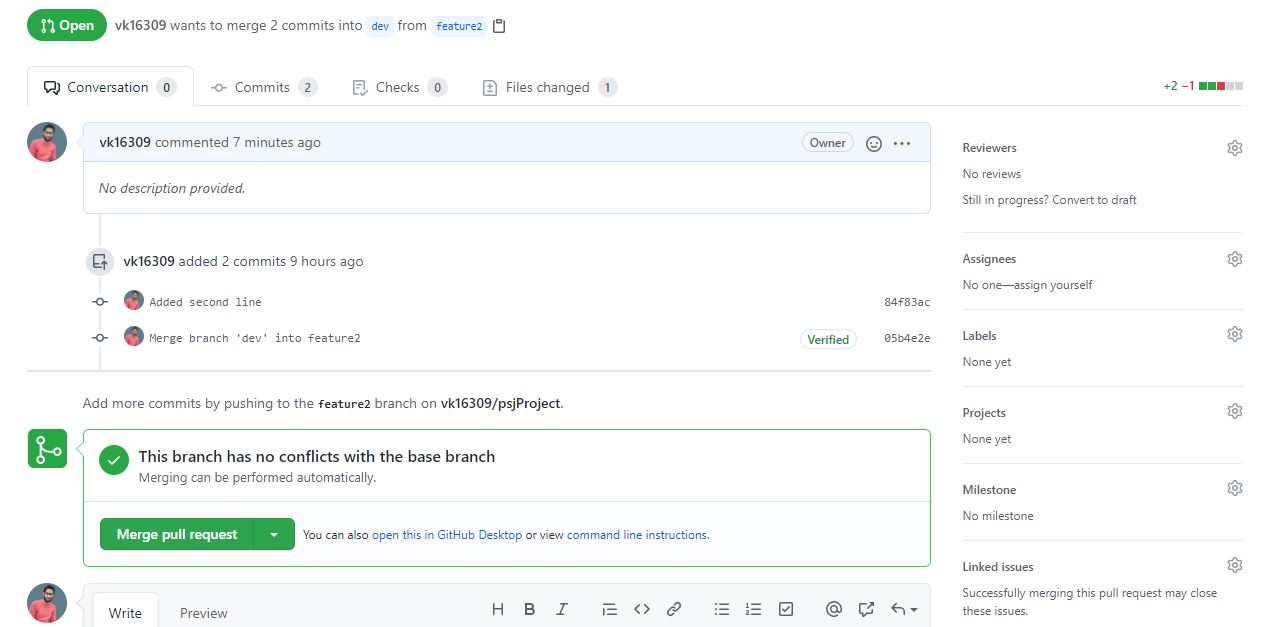


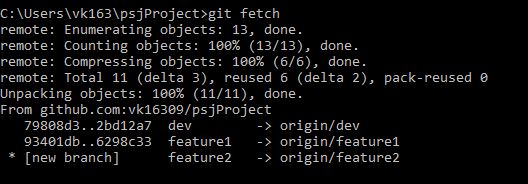
**Merge Conflict**

****

**Resolved Conflict**

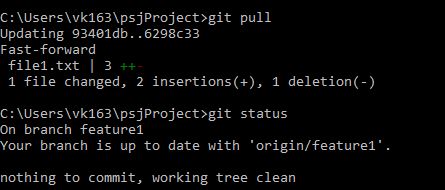


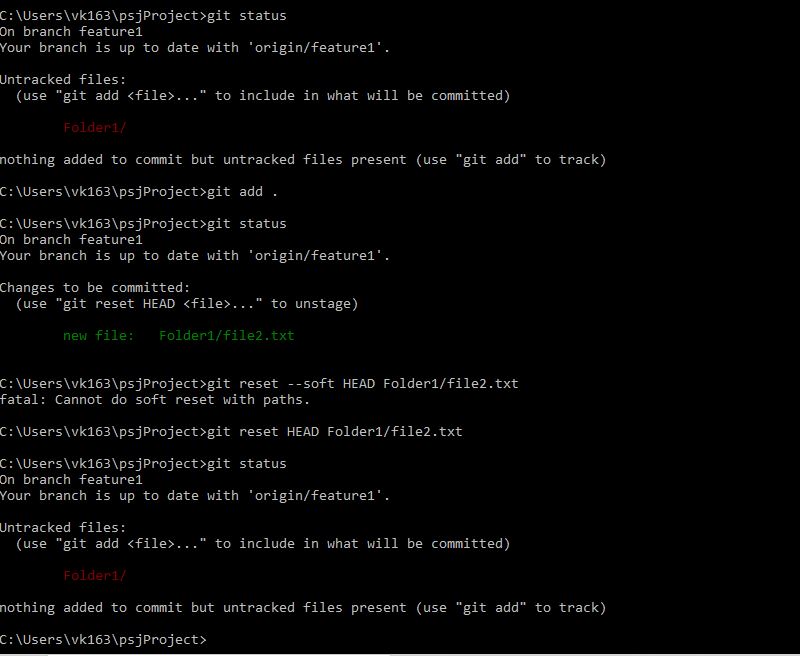
**Merge Person 2**

**Synchronization**

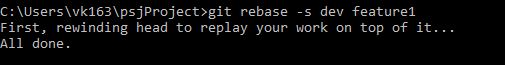
git fech

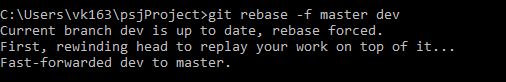
git pull



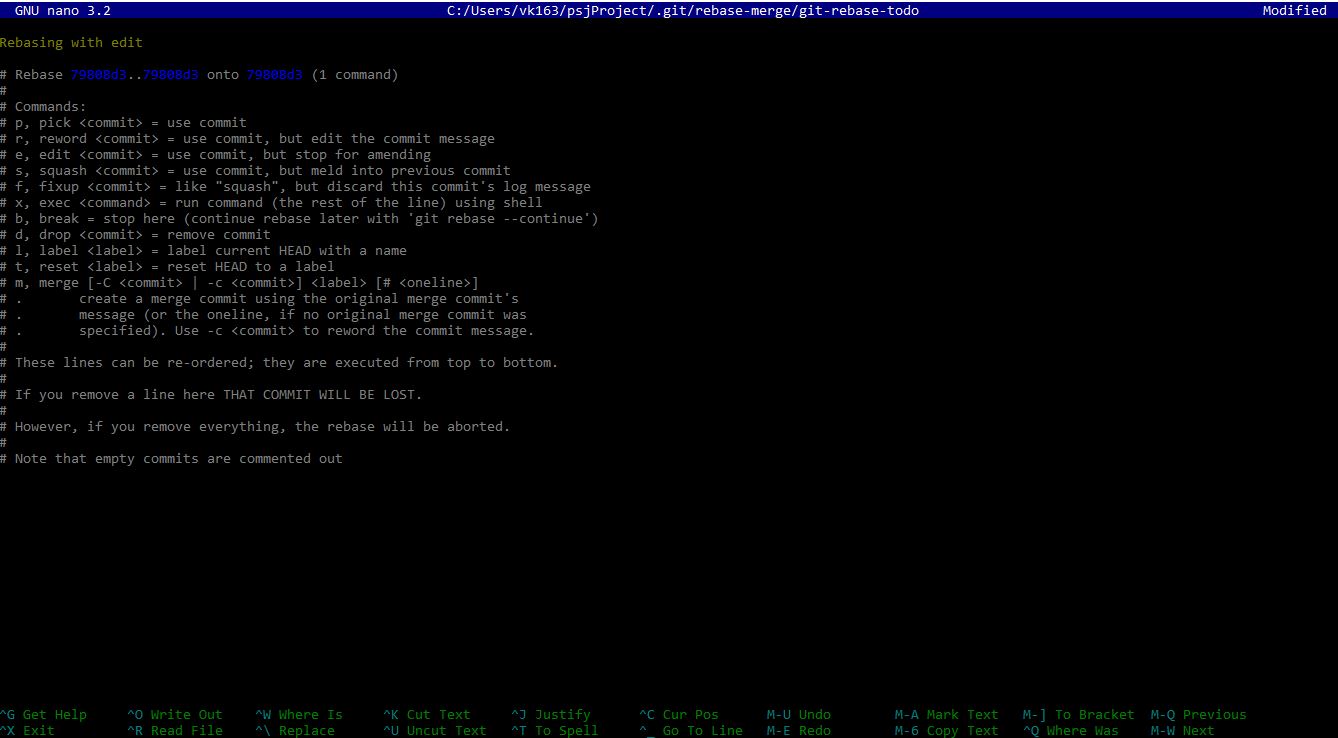
**Reset staged changes**

**Rebase**





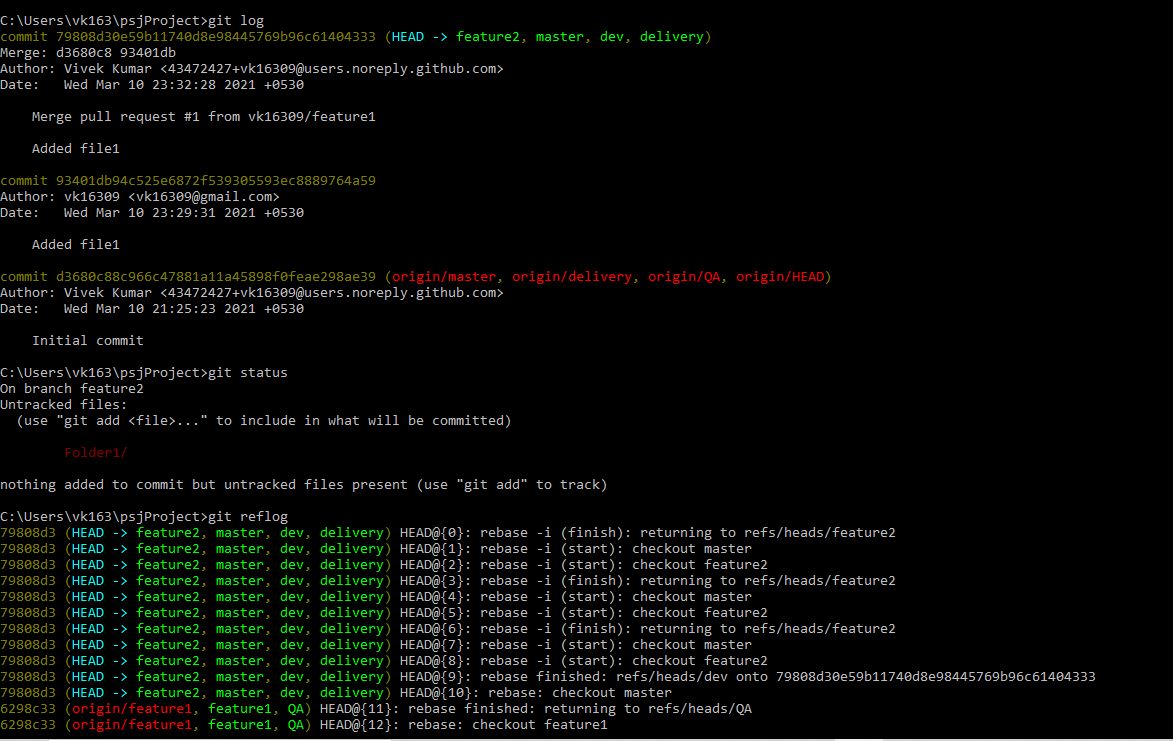
Git rebase -i



git log

git status

git reflog



**Using Git GUI**

Staging

Commit

Push

