Download git from gitSCM.Configure git on git-bash terminal:(This required for self identity)

1. git config --global user.name “Neeraj Kumar”
2. git config --global user.email “nkurmbanshi@yahoo.com”
3. git config –list

Create project on our desktop:-------

1. git init #initialize git repositiry

2. git status
    I. untracked (new file created.....)
    II. modified (file already exit but new changes detected...)
    III. staged (file is ready for committed.....)
    IV. unmodified (file already exit but no change found.....)
3. git add file_name
4. git add . (add all file with single command)
5. git commit -m "remark according changes"
6. git remote add origin <-------github repo link------>(for linking our desktop project to github repo)
7. git remote -v (for checking remote repo link)
8. git branch -M main (Rename current branch name(Change our master branch into main branch as default))
9. git push origin main(Push our code to github)

Branching commands:-----

1. git branch (To check current working branch)
2. git branch -M <branch-name> (Rename current working branch)
3. git checkout <branch-name> (switch to given branch-name)
4. git checkout -b <new-branch-name> (create new branch)
5. git checkout -d <branch-name>

Marging code:---

1. git diff <---branch-name---->
2. git merge <---branch-name---->

Resetting files:-------

1. for stages changes:--
    1. git reset <file-name>
    2. git reset

2. for commited changes(for one commit)
    1. git reset HEAD-1

3. For commited changes (for many commits)
    1. git reset <----commit hash----->
2. git reset --hard <----commit hash----->

Open git-bash :---

1. git –version
2. ls (show all list)
3. clear
4. pwd (present working directory)

Configure git on git-bash terminal:----

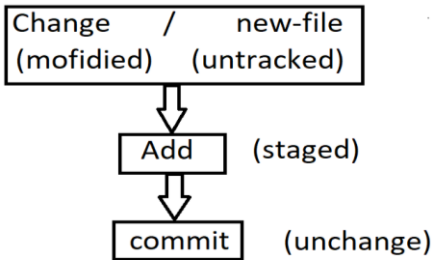
1. git config --global user.name “Neeraj Kumar”
2. git config --global user.email “nkurmbanshi@yahoo.com”
3. git config --list

Open vs-code in your system:---

1. **clone :---**
   1. git clone < repo----------link>
   2. git remote add origin < repo----------link>

   remote(github) or local(laptop/desktop):--- it is used to clone our got repo to our laptop.
   (git clone https://github.com/neerajpatel2505/methods.git)

2. **status :--- (git status)**
   1. untracked (new file created….)
   2. modified (file already exit but new changes detected)
   3. staged (file is ready for committed)
   4. unmodified (file already exit but no change found)



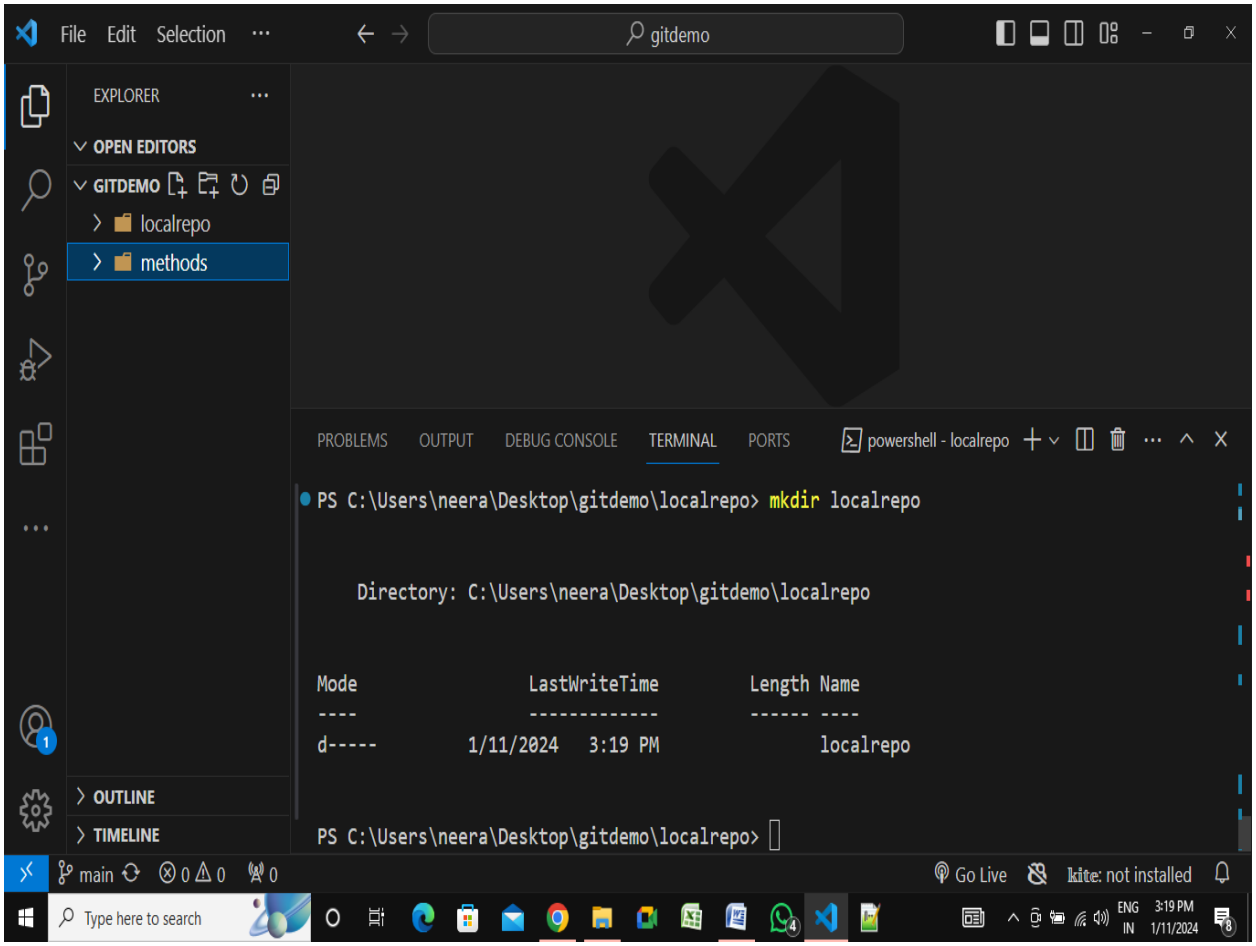
3. **add :---**
   1. git add <file_name>
   2. git add . ----------(add all files)

4. **commit :---**
   1. git commit –m “change description…….”
   2. git commit –am “Change description……”(add and commit both at a time)

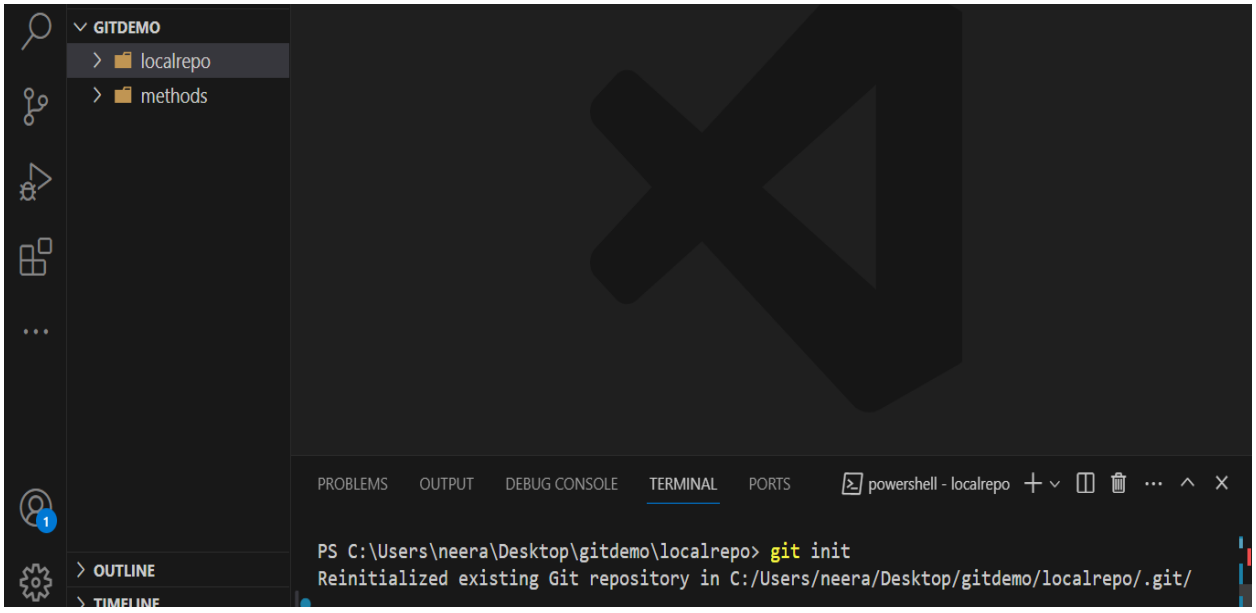
5. **Push :--**
   1. git branch –M main
   2. git push origin main

Upload Project from laptop to Github:---

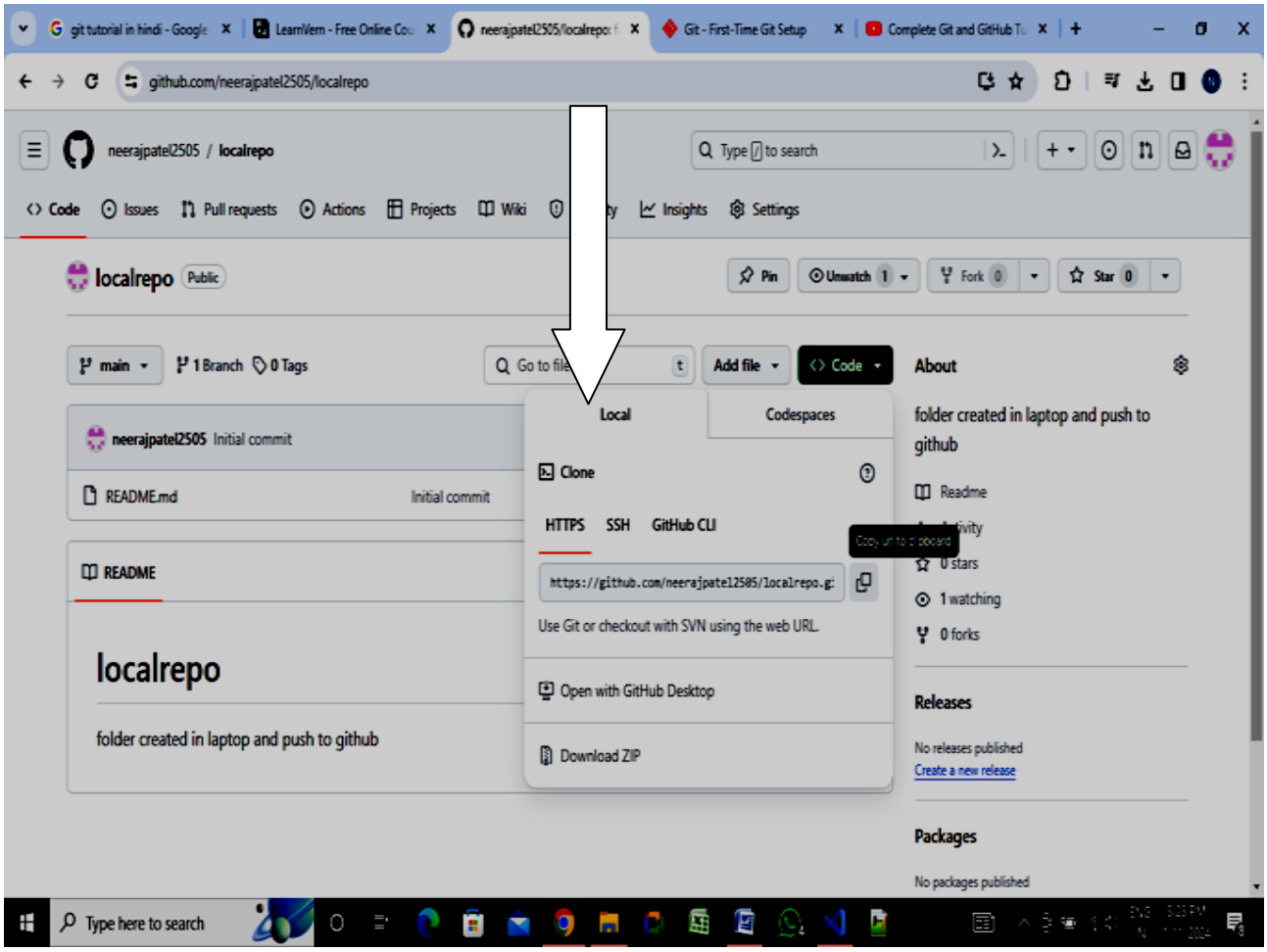
Create new repo in through laptop/our-system



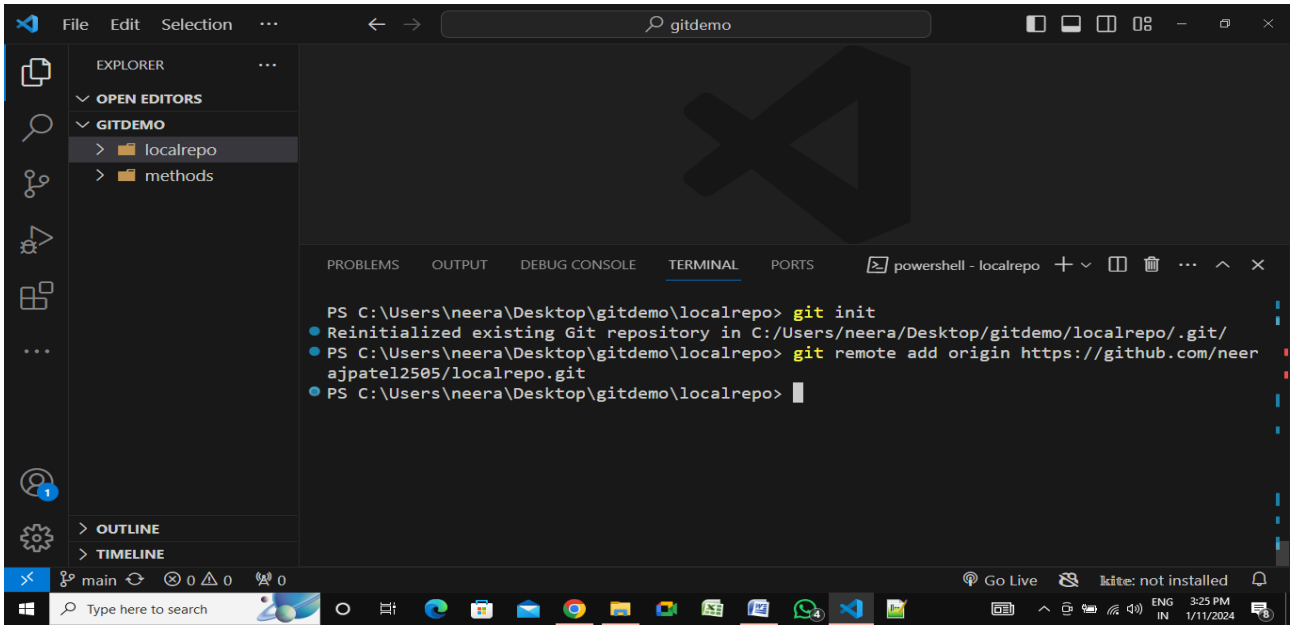
git init :---------



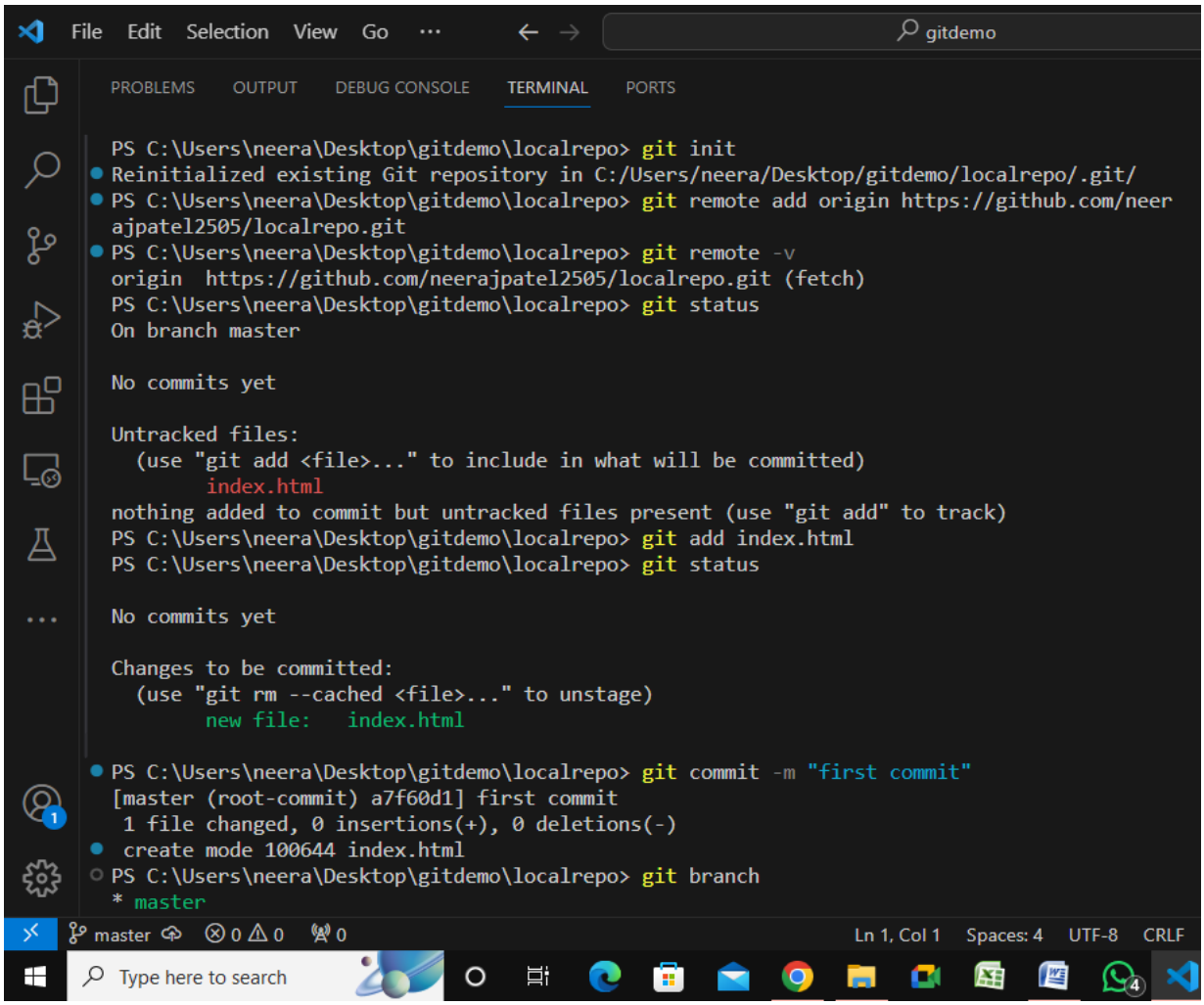
Create new repo in github and copy the link :--



git remote add origin < repo-link>

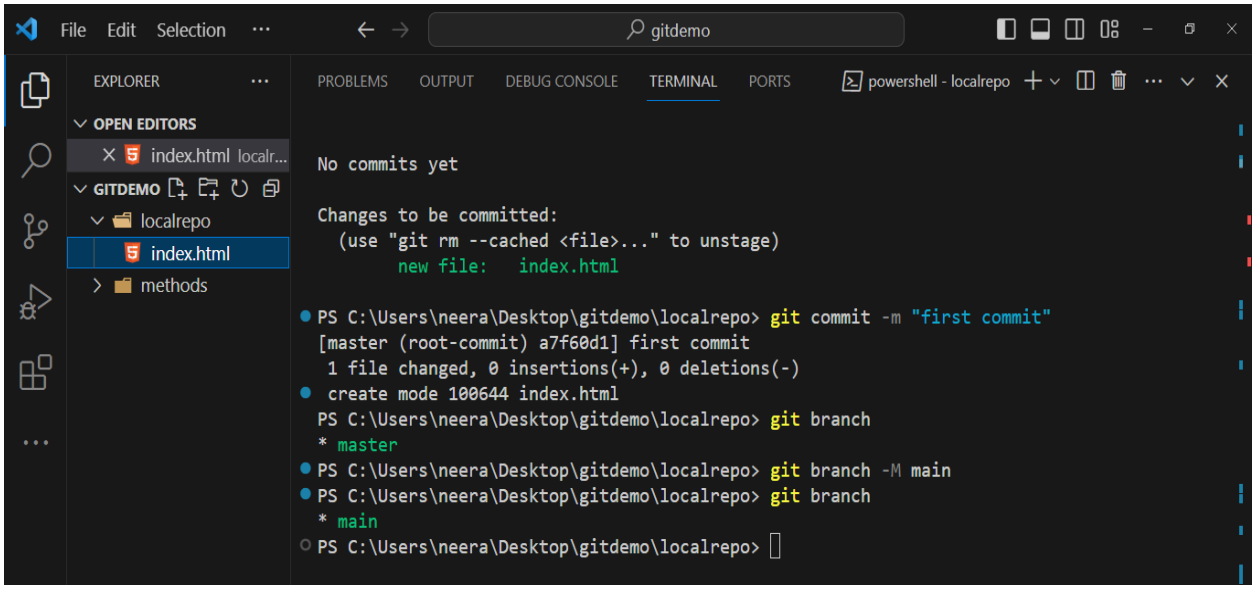


Check remote added or not:--- (git remote –v)



Change master name to main :---

1. **git branch (check branch name)**
2. **git branch –M main (Change into master to main)**

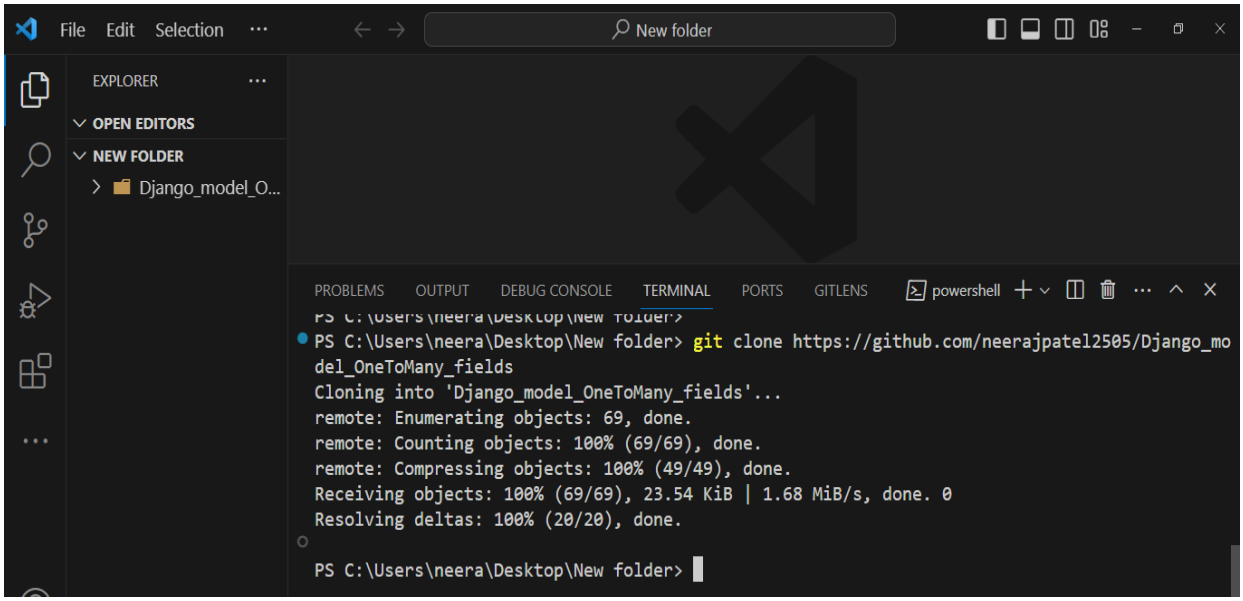


Now, finally push into github : -----

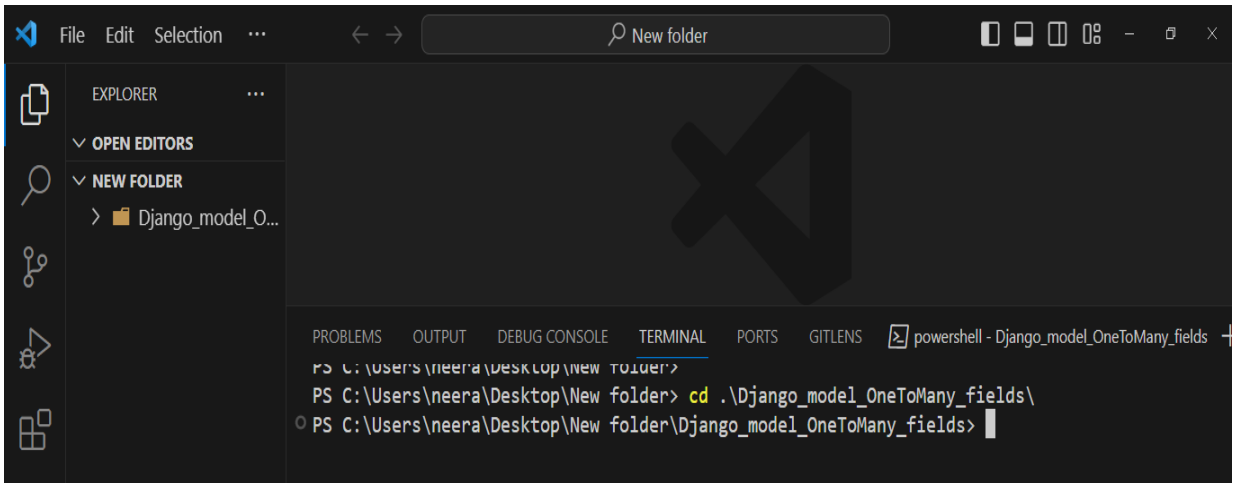
1. **git push origin main / git push -u origin main----------**
2. **git push origin master --force**

-----:Working with git repo by creating own branch:-----

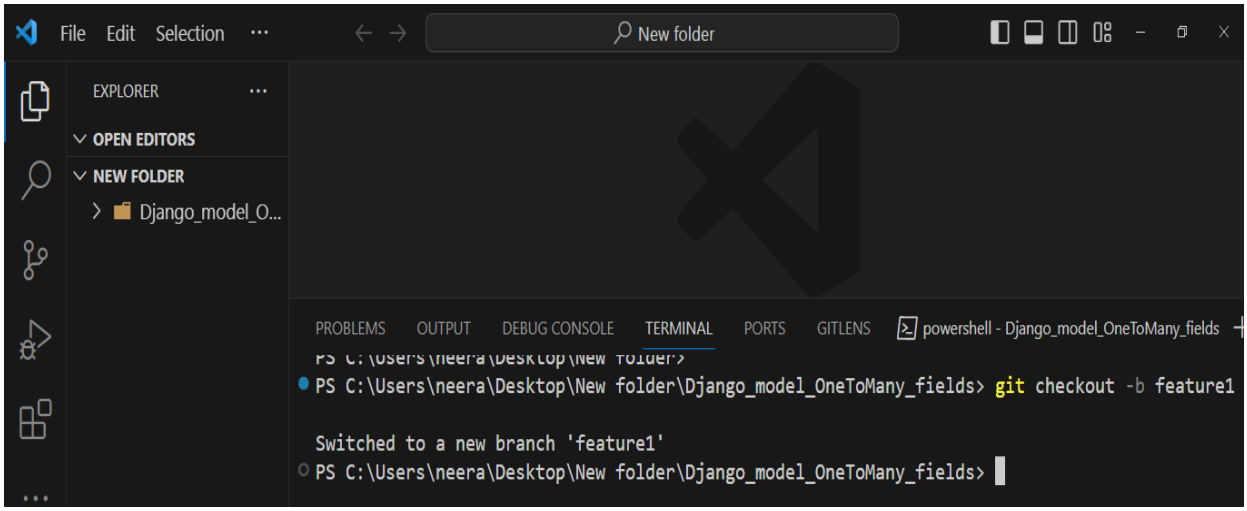
1. **git clone <repo link from github>**



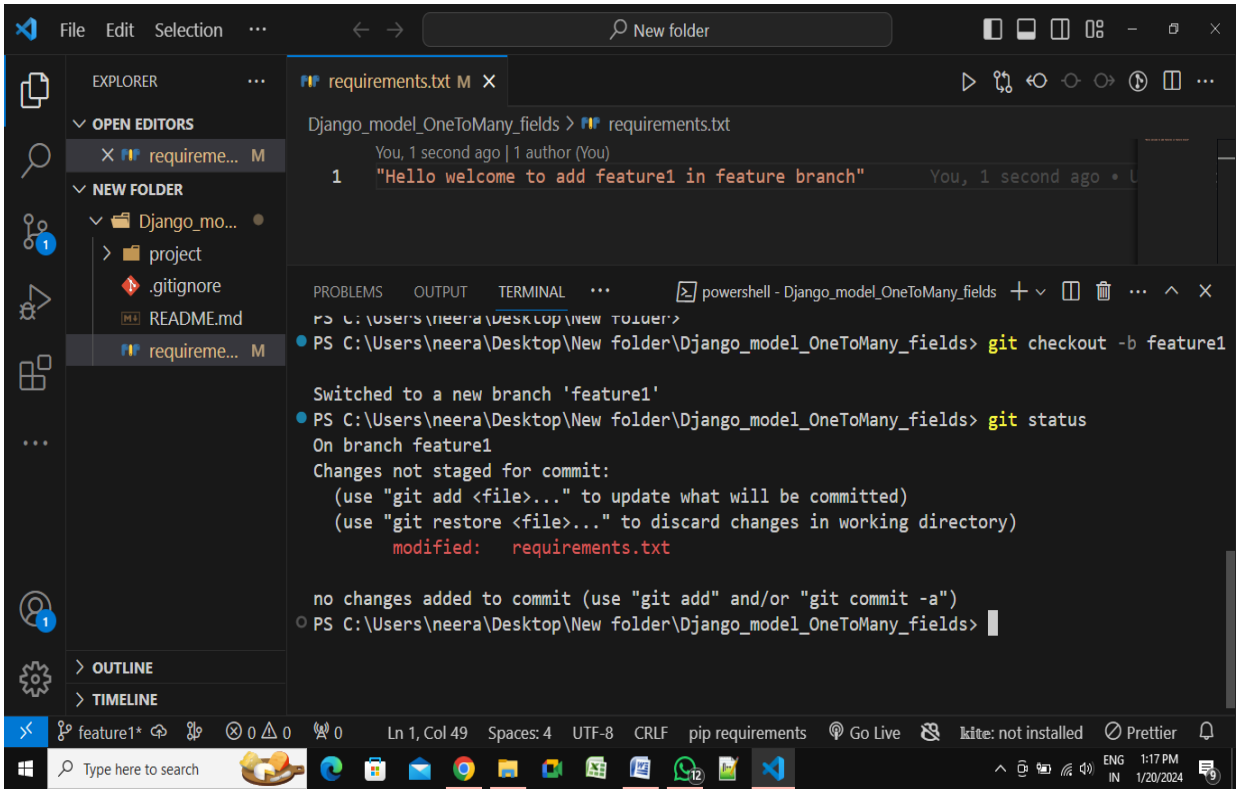
2. **enter clone folder:--- by using cd folder_name**



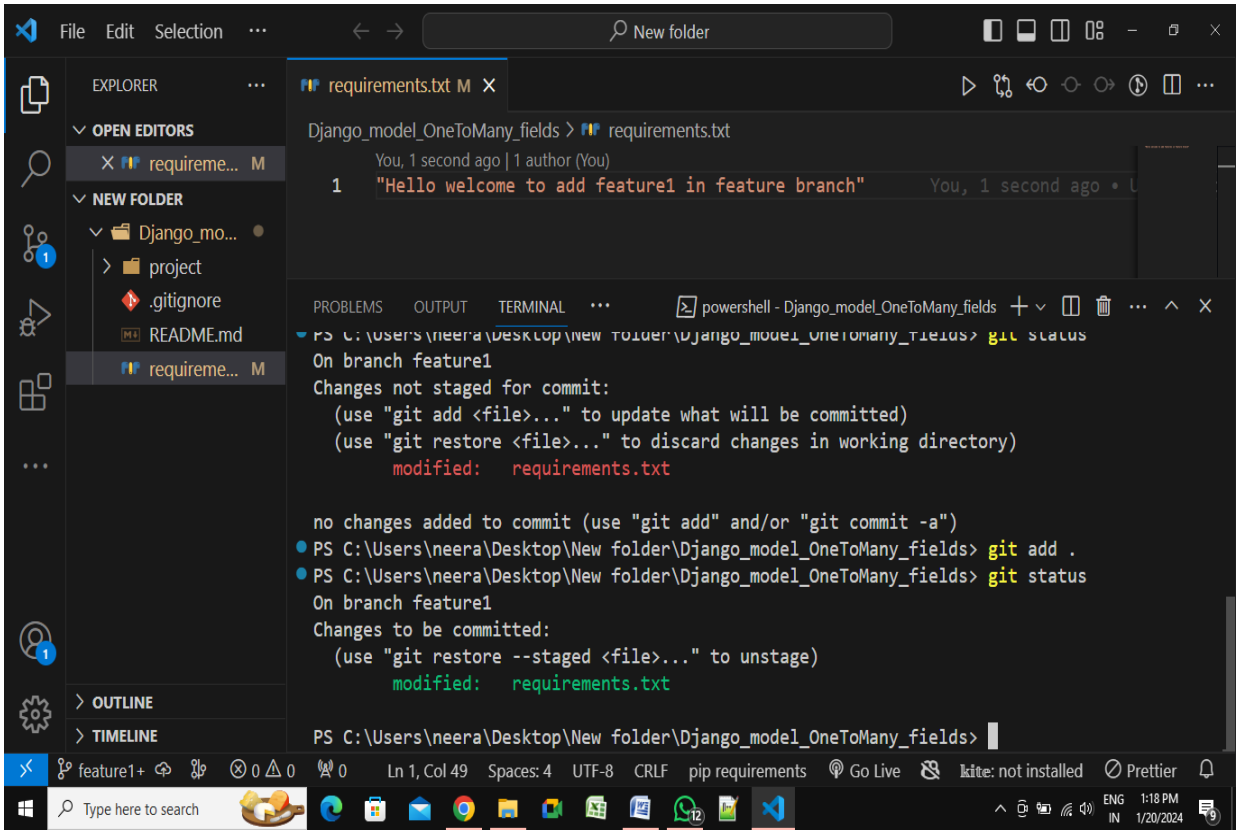
3. **create own branch:---------(git checkout –b branchname)**



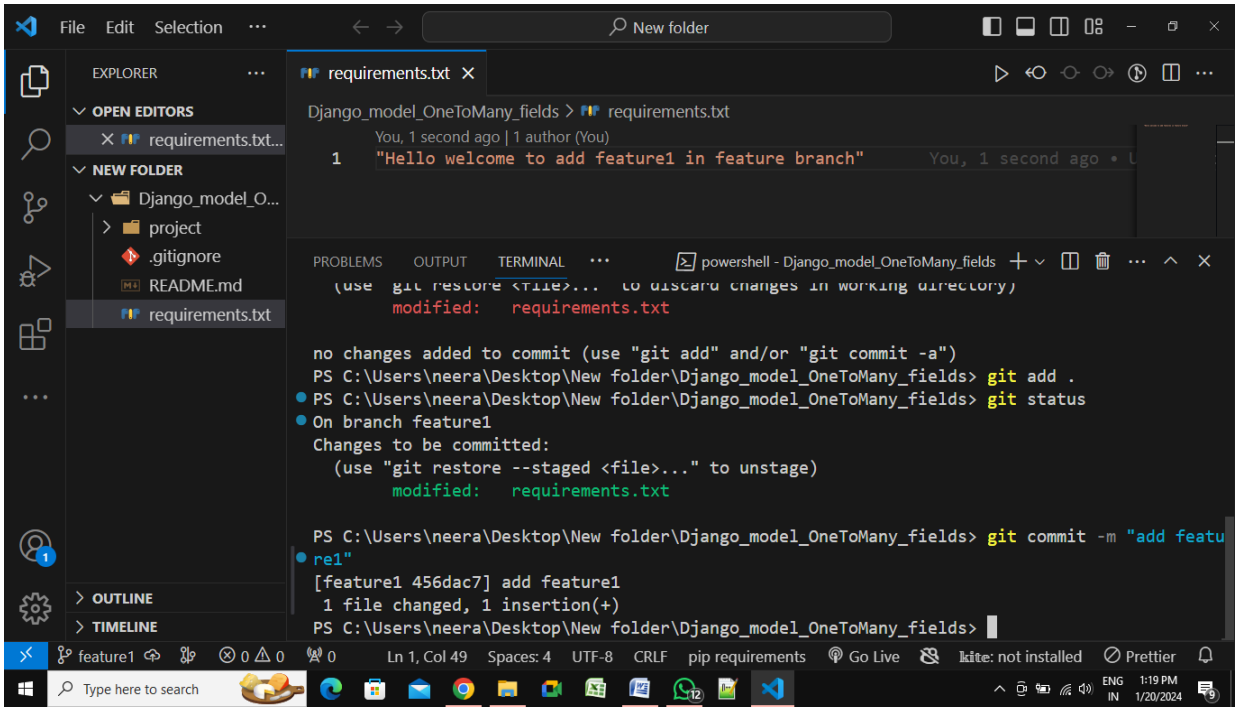
4. **Do own changes whatever we want on that branch and check status :-----**

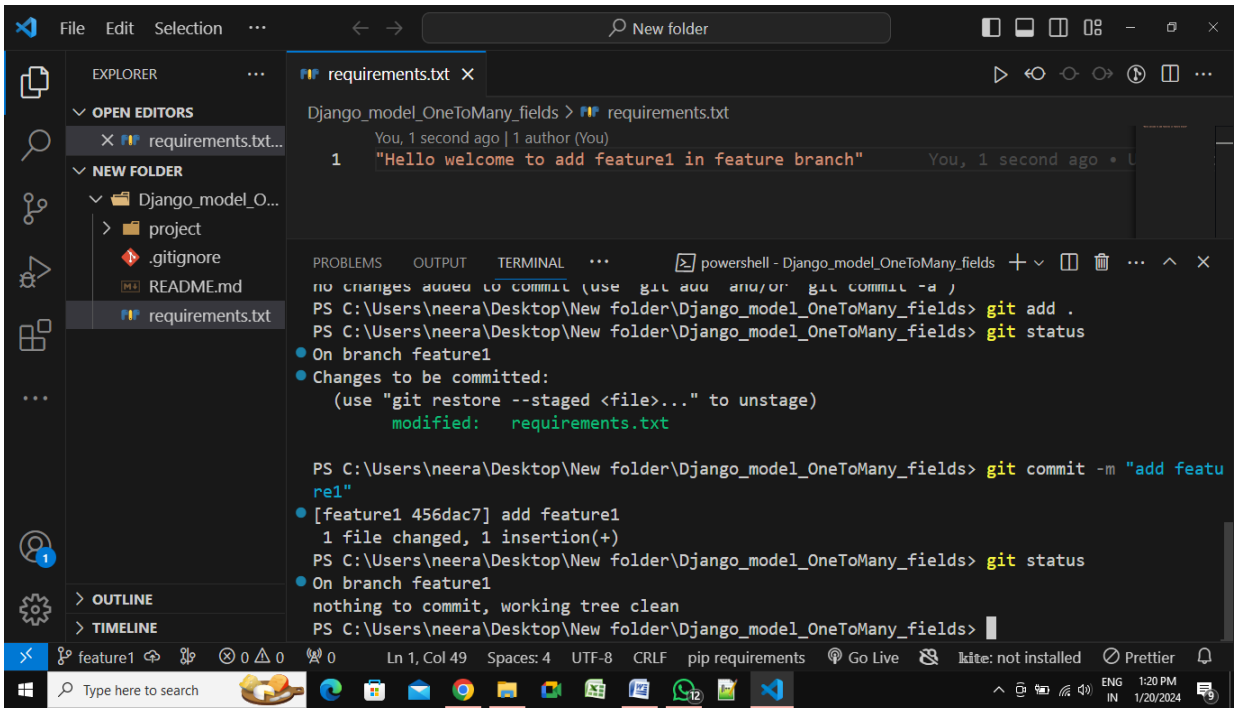


5. **git add file_name /git add . :----------to add all files and folders.**

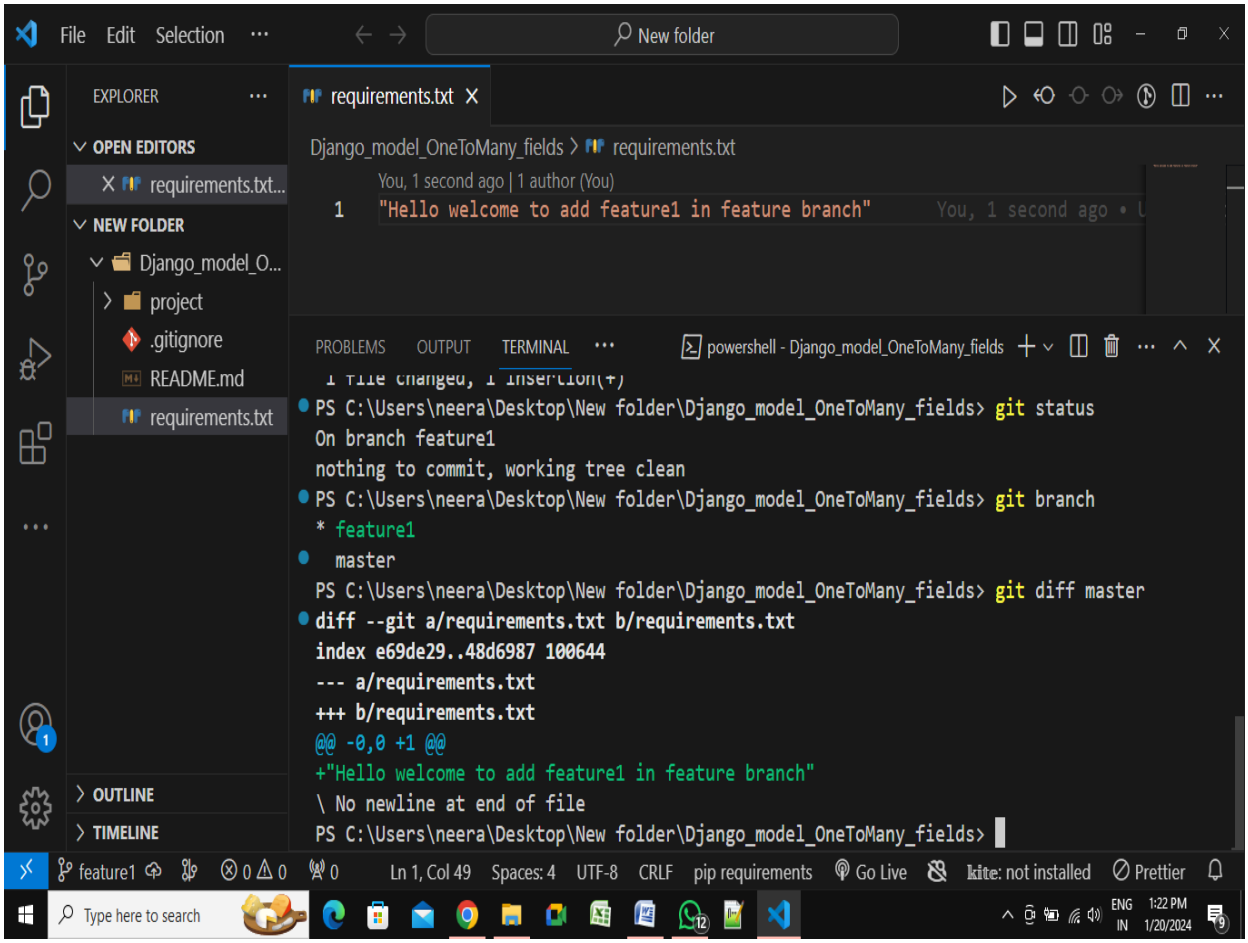


6. Do commit on own branch:----

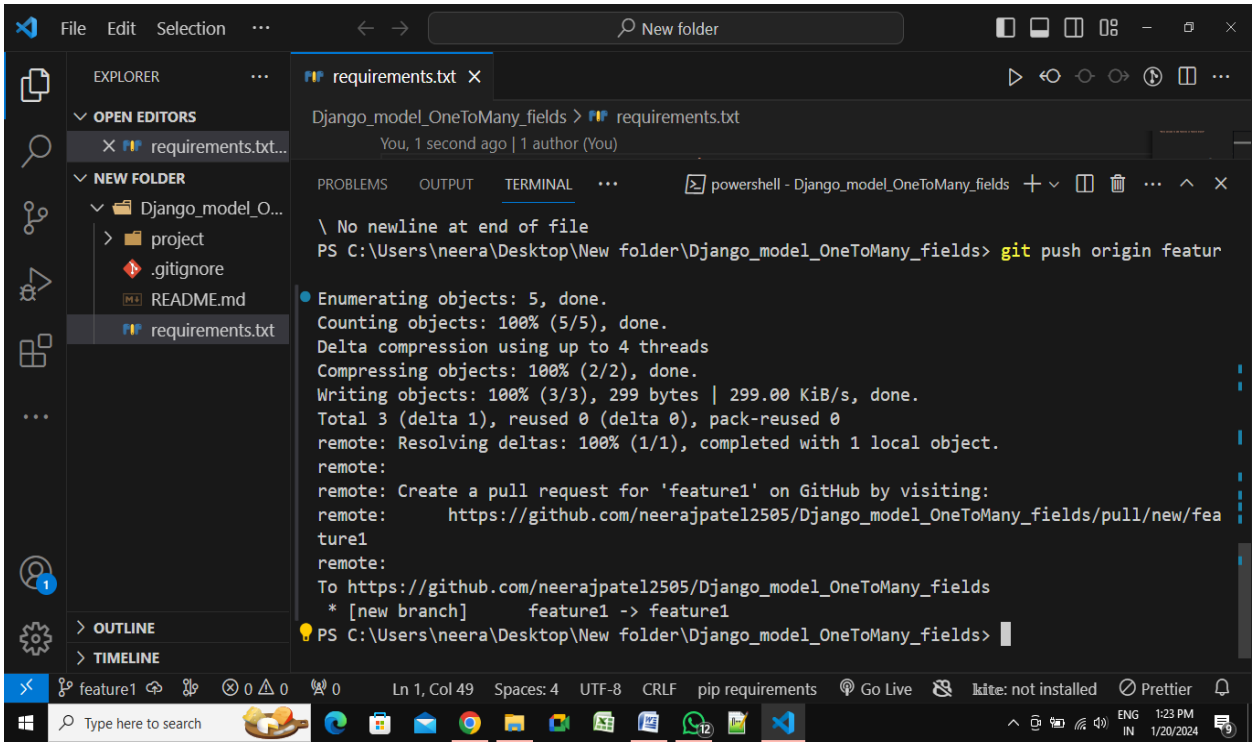




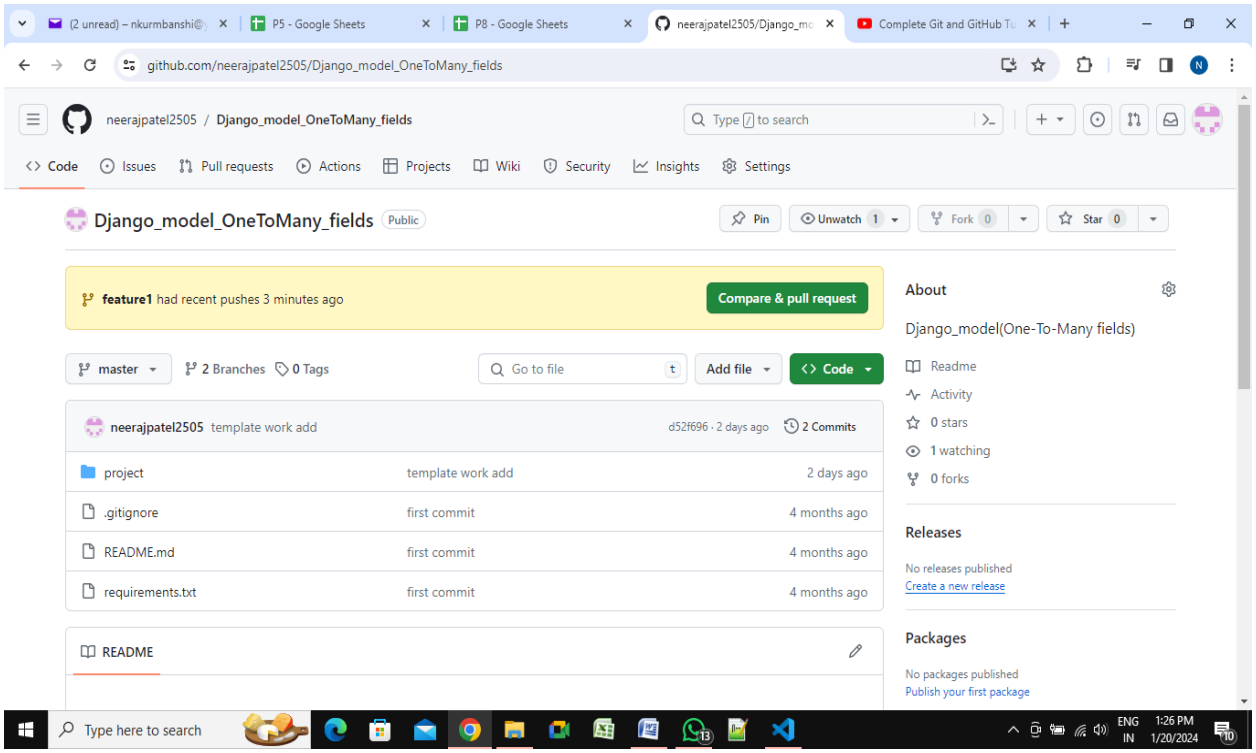
7. **Track all changes:------ git diff (branchname)**



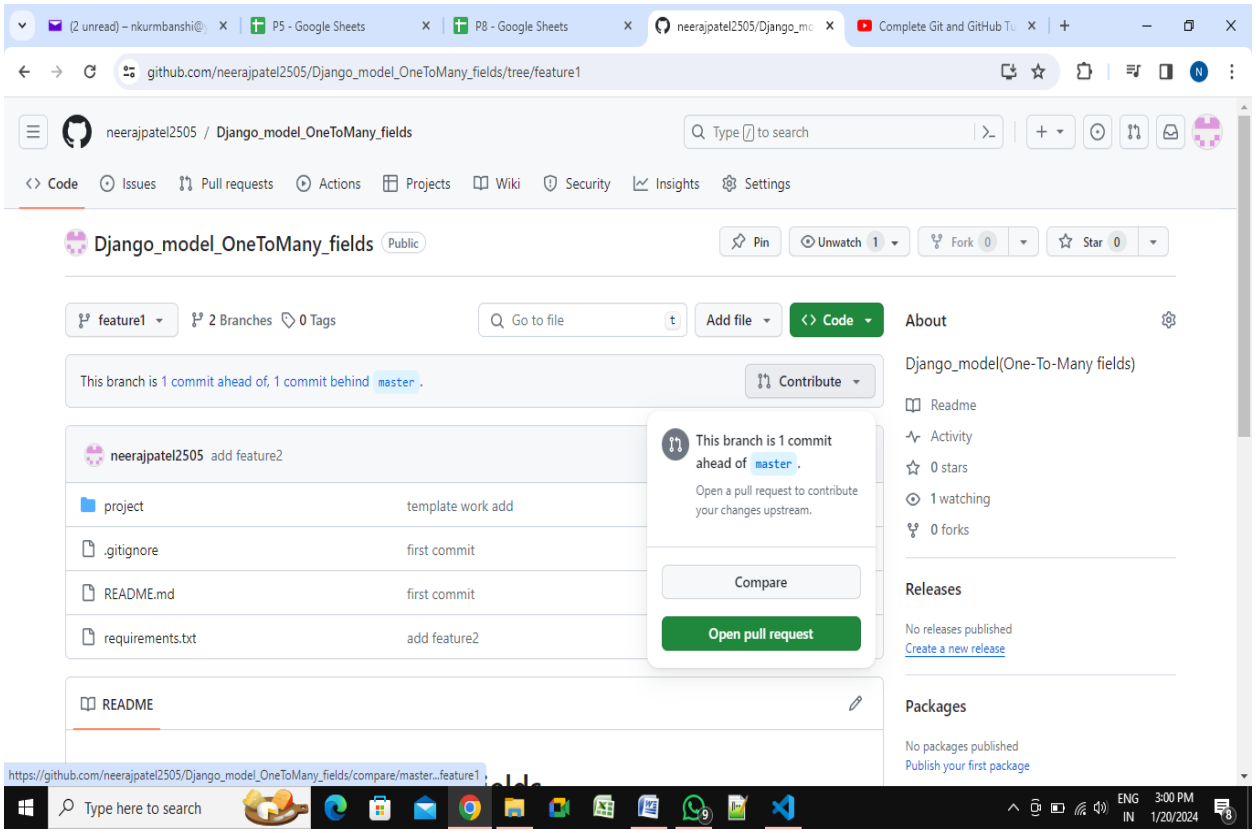
8. **Push feature1 change code to github:----git push origin feature1**

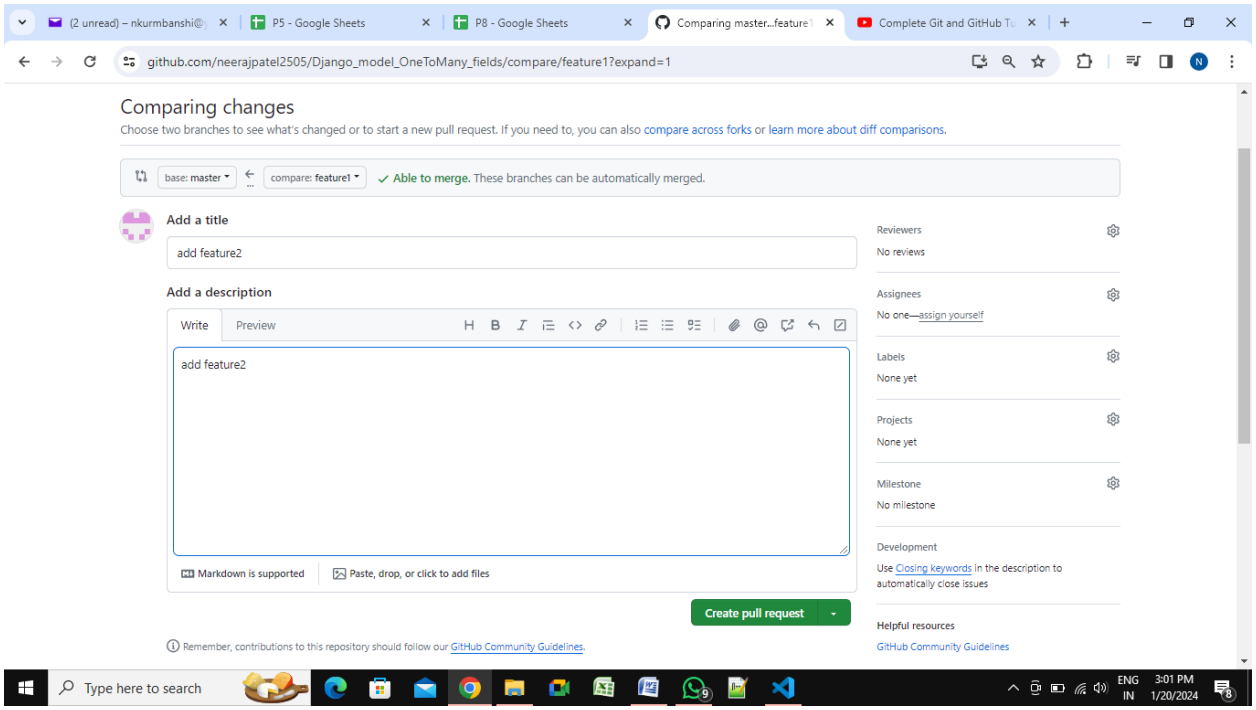


9. Github account after push request by feature1 brach:---

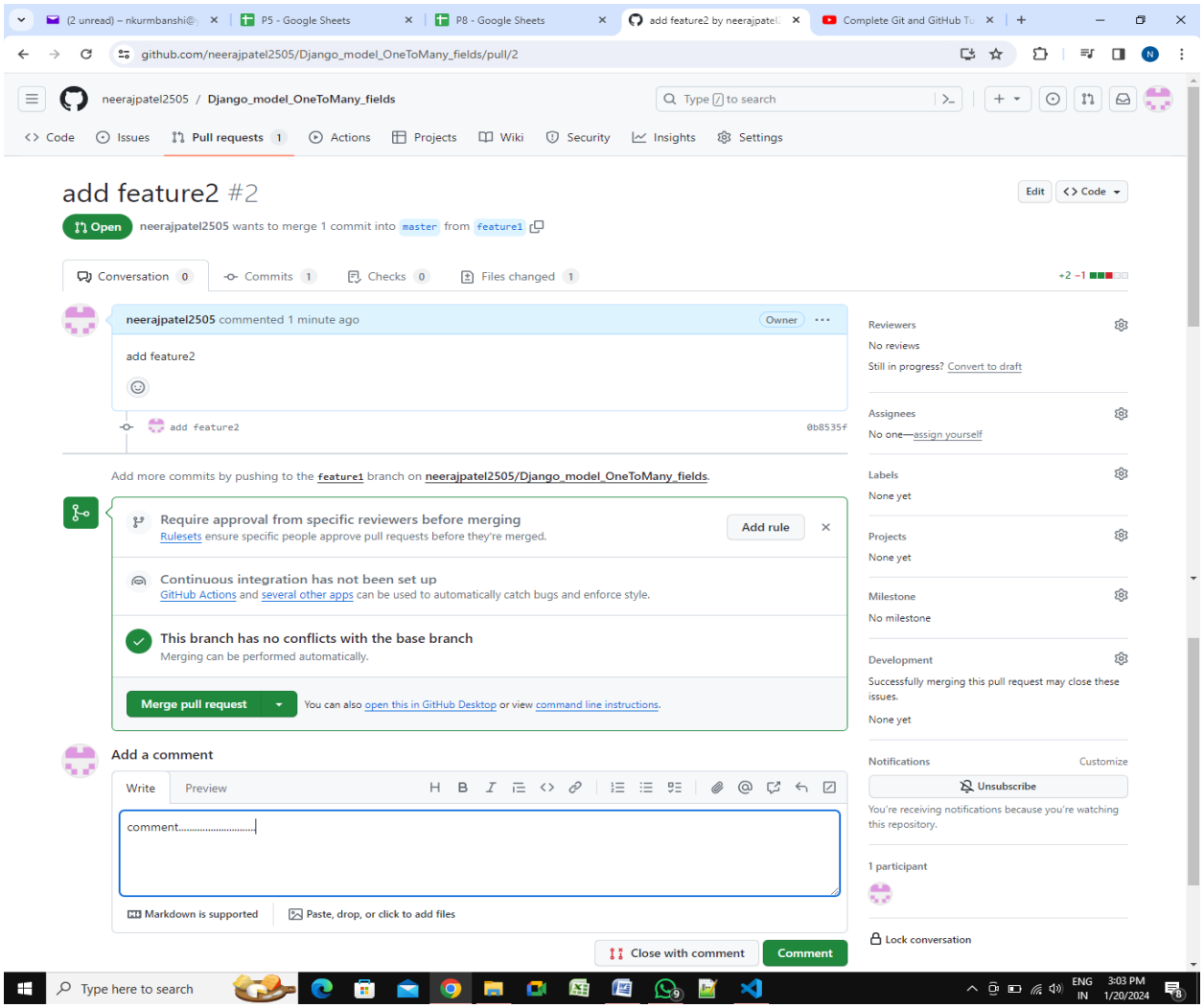


10. Click Compare & pull request:--

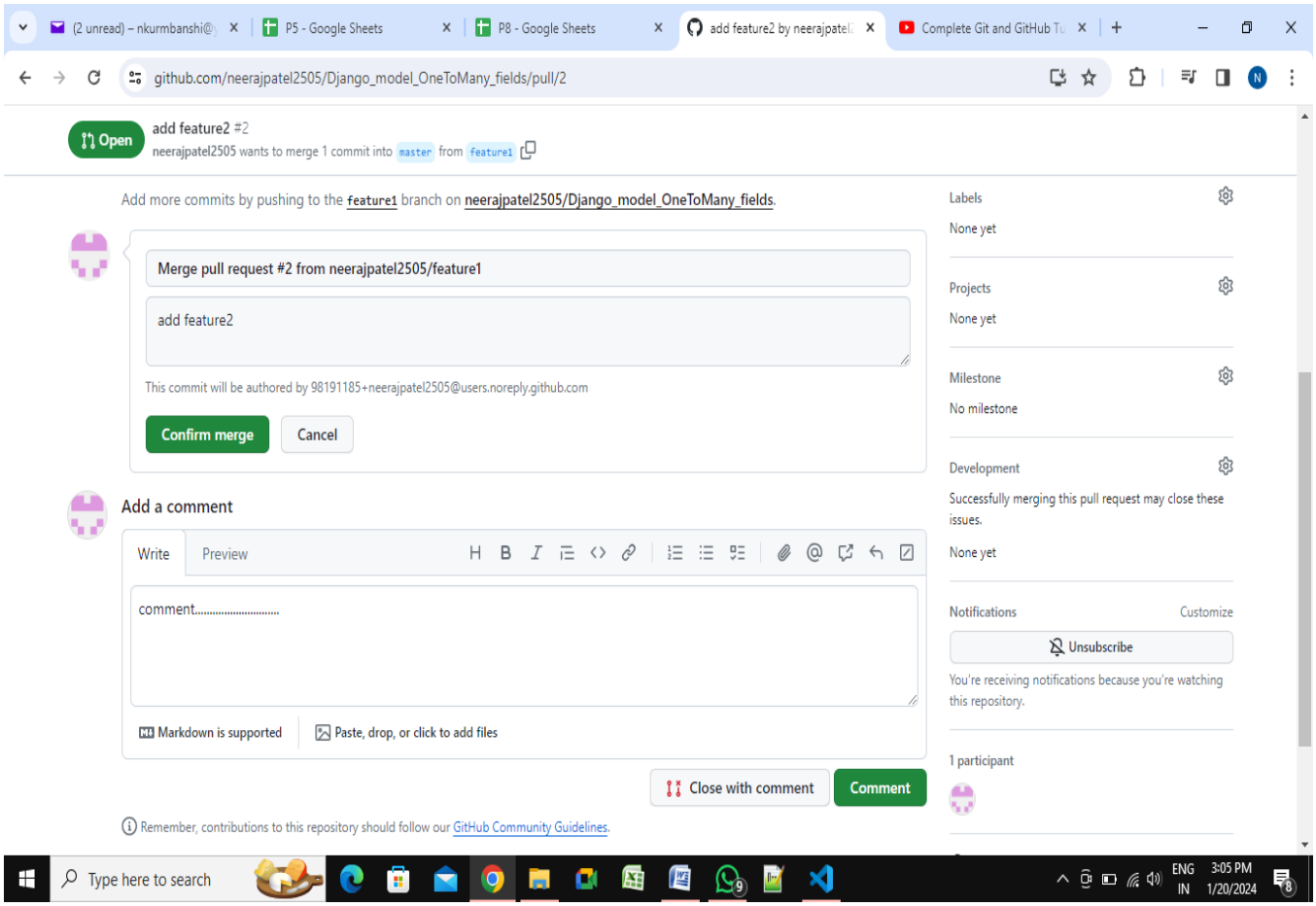




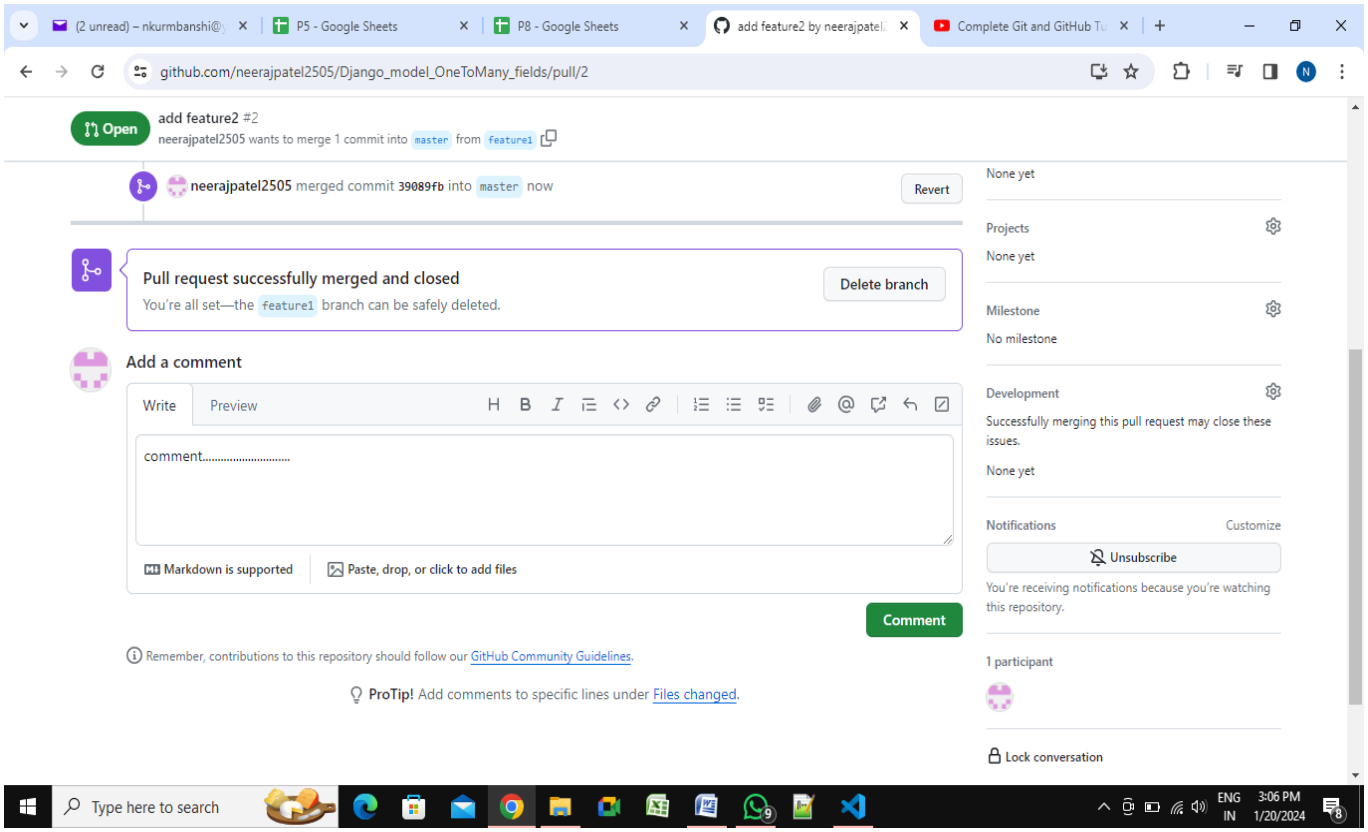
Create pull request(PR):------



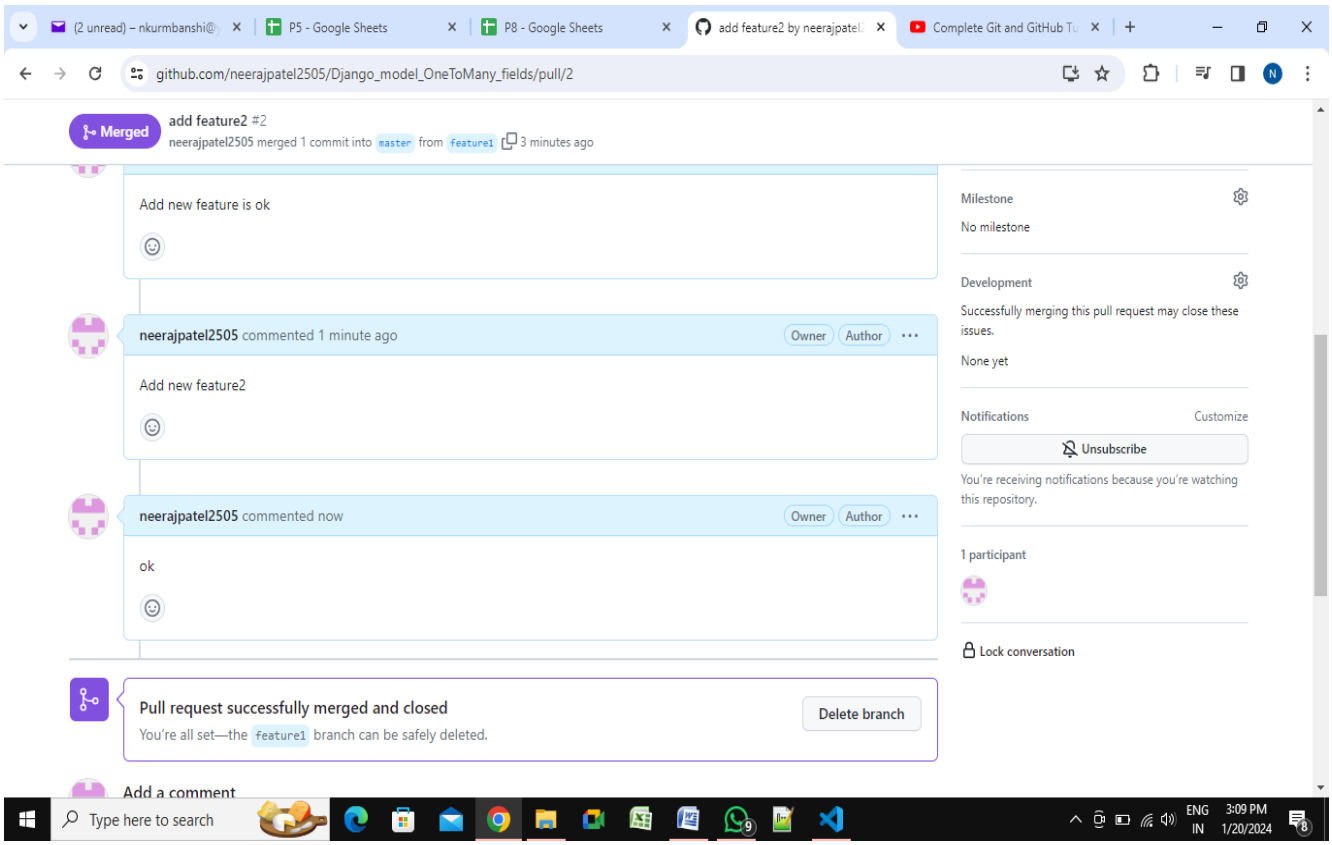
Click Merge pull request:----



Click conform merge:---



If you want to delete that particular branch then use delete branch button or add a comment on that particular section and press Comment button:----



Pull request successfully merged and closed.