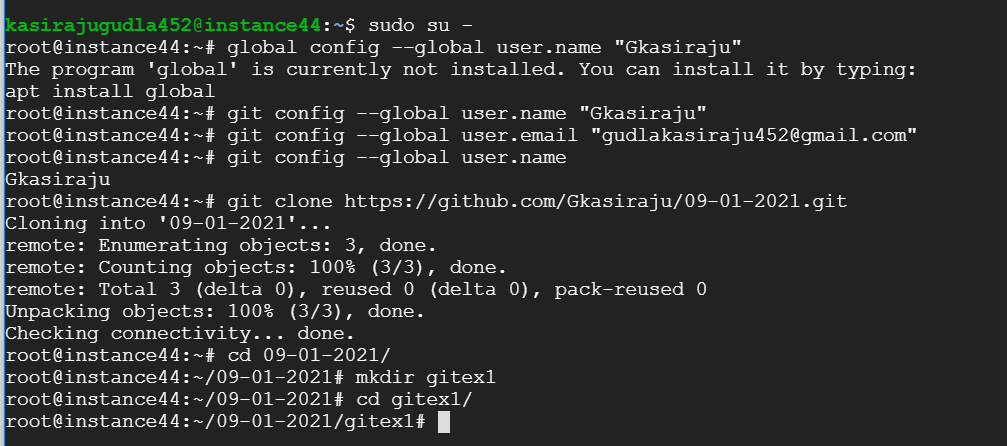
GIT

1. create a directory gitex1: mkdir gitex1

cd gitex1/

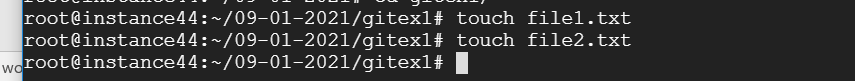


1. create the following files.

file1.txt, file2.txt

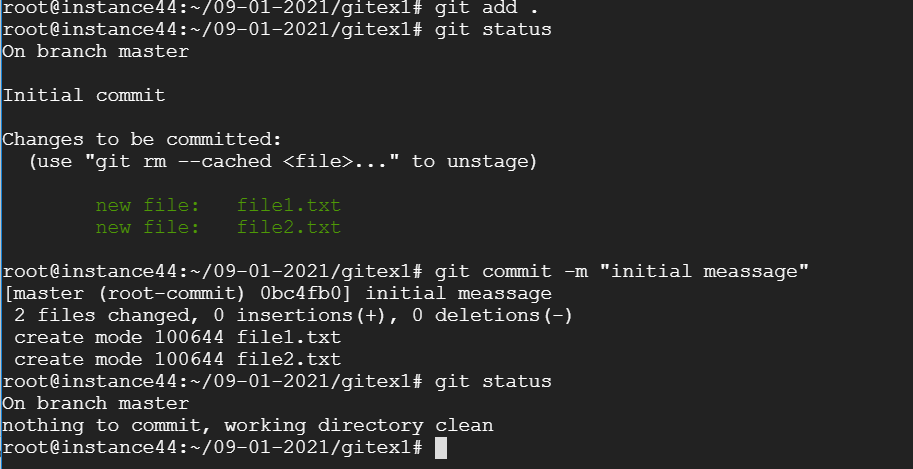
Commands: touch file1.txt

Touch file2.txt



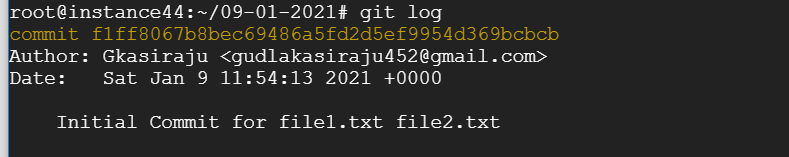
1. commit both the files with a commit message "initial Commit"

git commit –m “initial meassage”



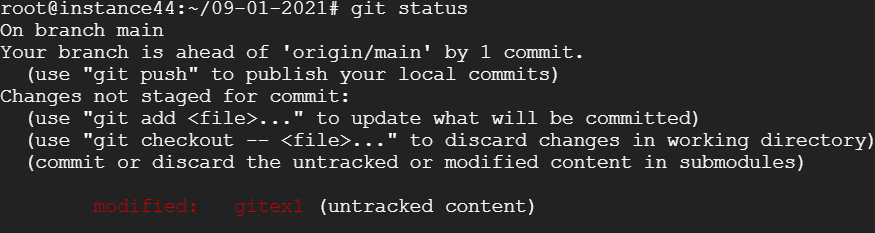
1. The above commit message needs to changed to "Initial Commit for file1.txt file2.txt"

git commit – amenda



1. check the status of your commits

git status



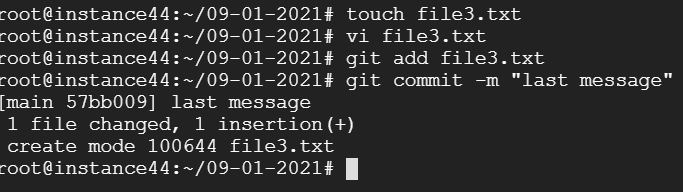
1. I forgot to add a file named file3.txt as part of last commit

Touch file3.txt

Git add file3.txt

Git commit –m “last commit”

Git status

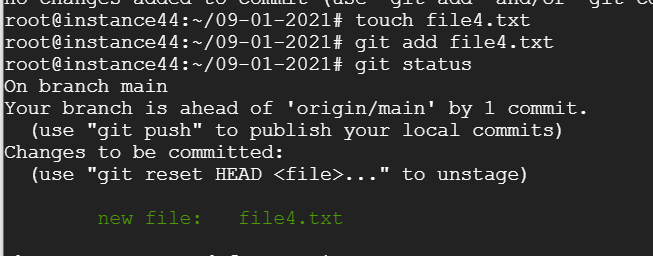


1. Add file4.txt to staging

Touch file4.txt

Git add file4.txt

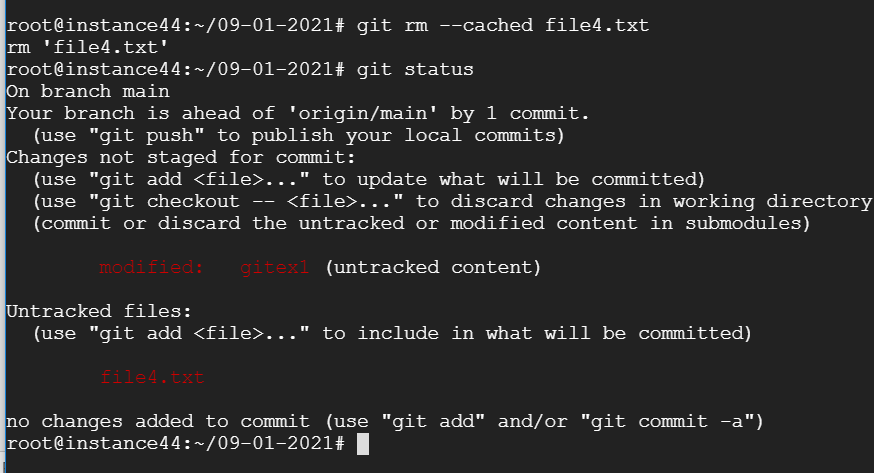
Git status



1. revert the above file4.txt from staging

git rm --cached file4.txt

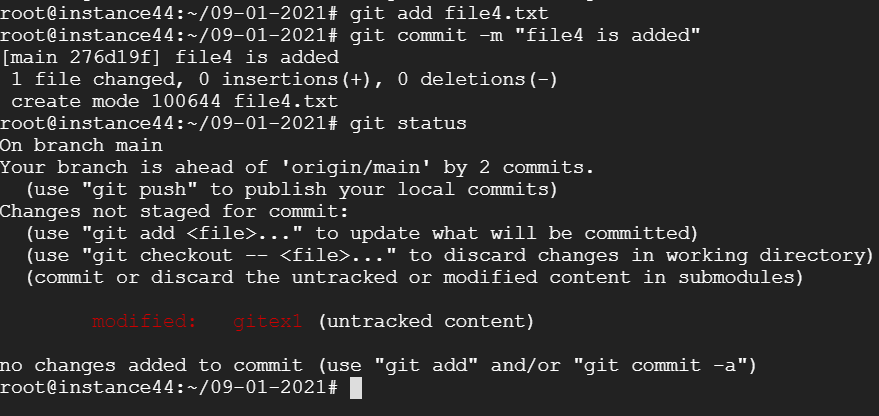
git status



1. Again Add file4.txt to staging and commit

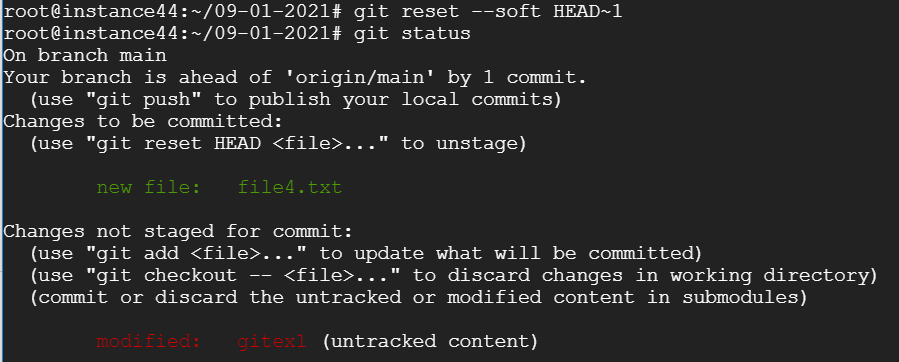
Git add .

Git commit –m “file4 is added”

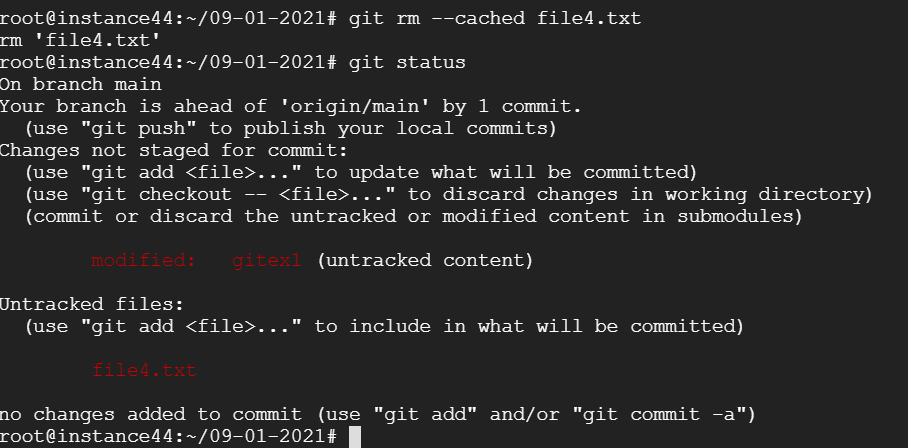


1. Now undo the commit and remove the file4.txt

git reset –soft HEAD ~1



git rm –cached file4.txt



1. create a file5.txt and temporary save the same

touch file5.txt

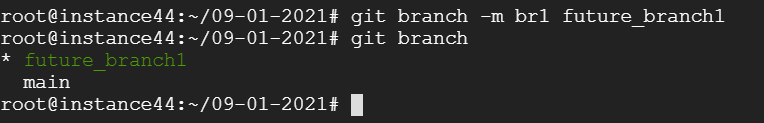


1. create a branch br1

git checkout –b br1



1. rename the branch to future\_branch1

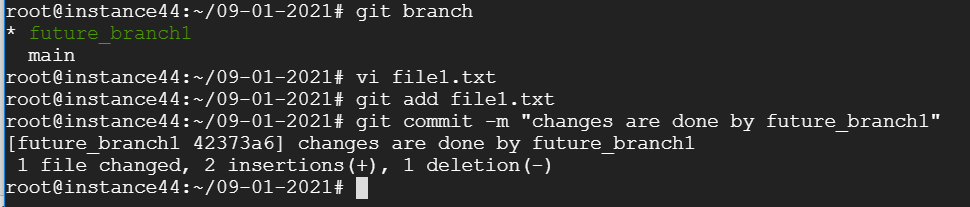


1. make some changes to file1.txt and commit

vi file1.txt

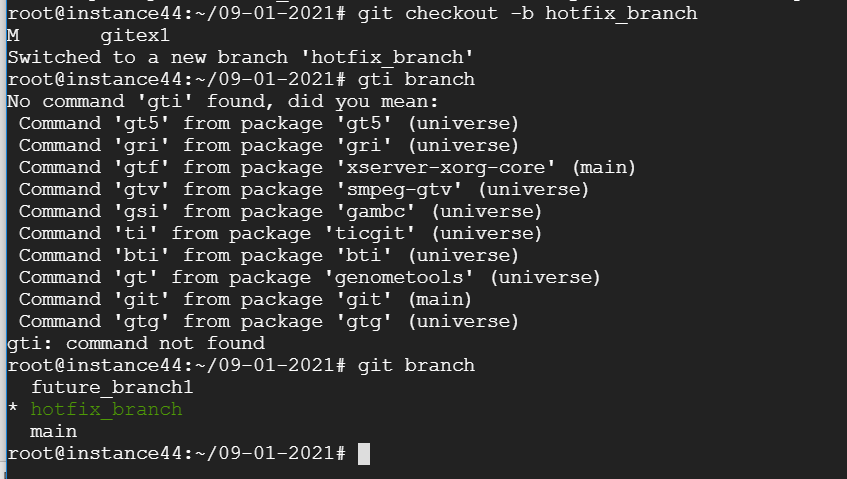
git add .

git commit –m “changes are done in future branch”



1. create branch hotfix\_branch

git checkout –b hotfix\_branch

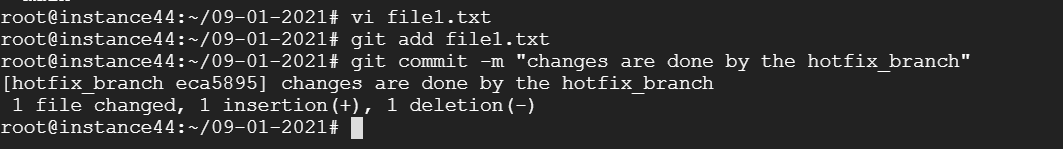


1. modify file1.txt and commit

vi file1.txt

git add .

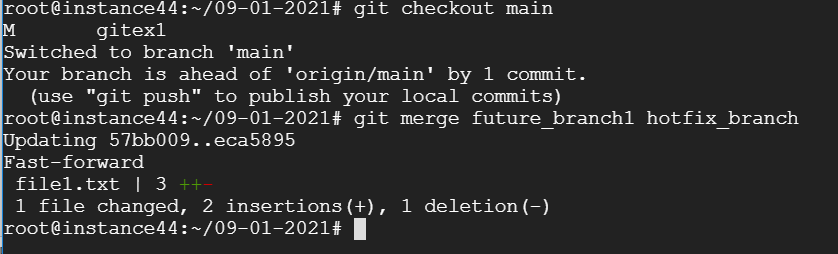
git commit –m “changes are done in hotfix\_branch branch”

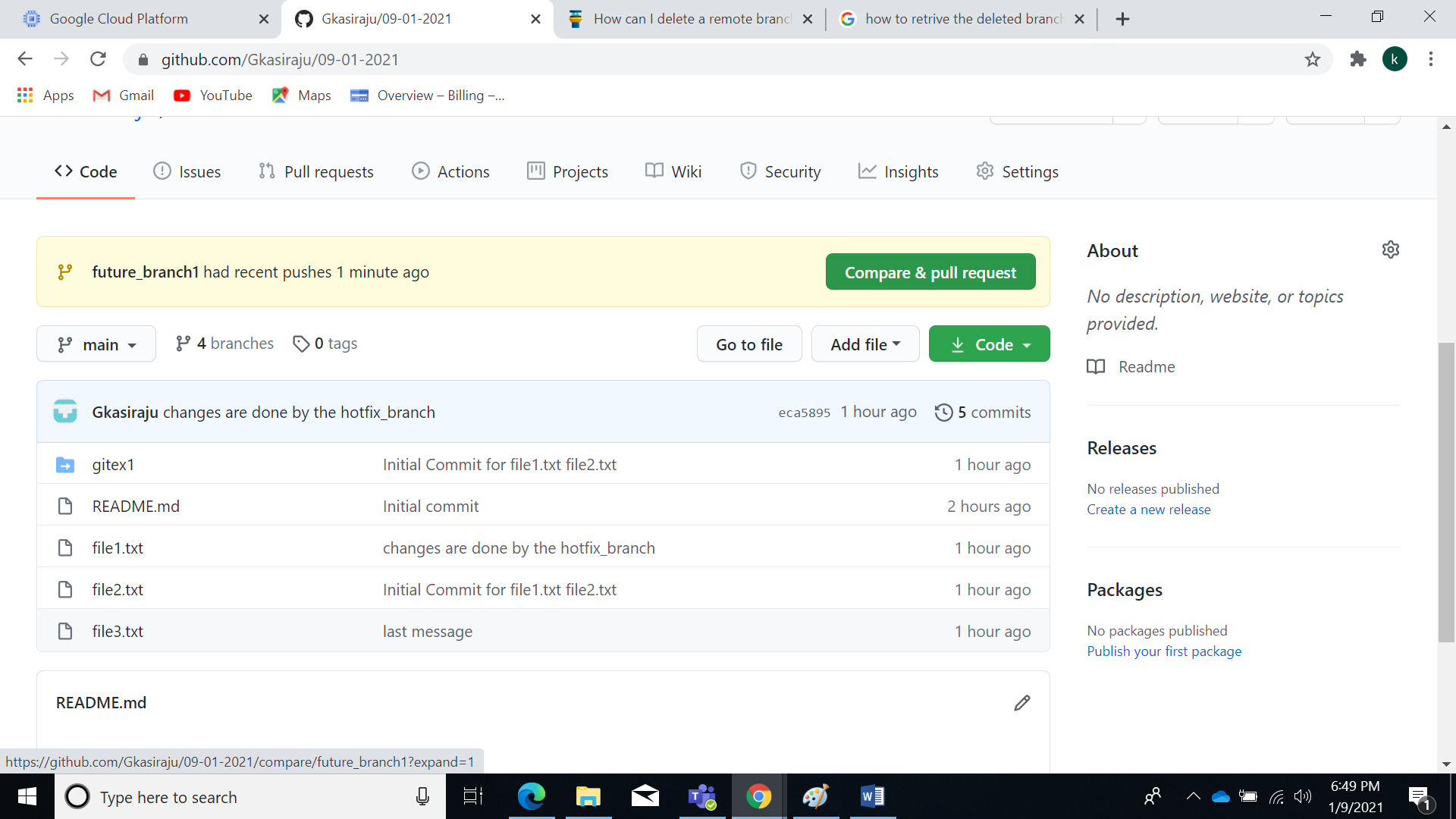


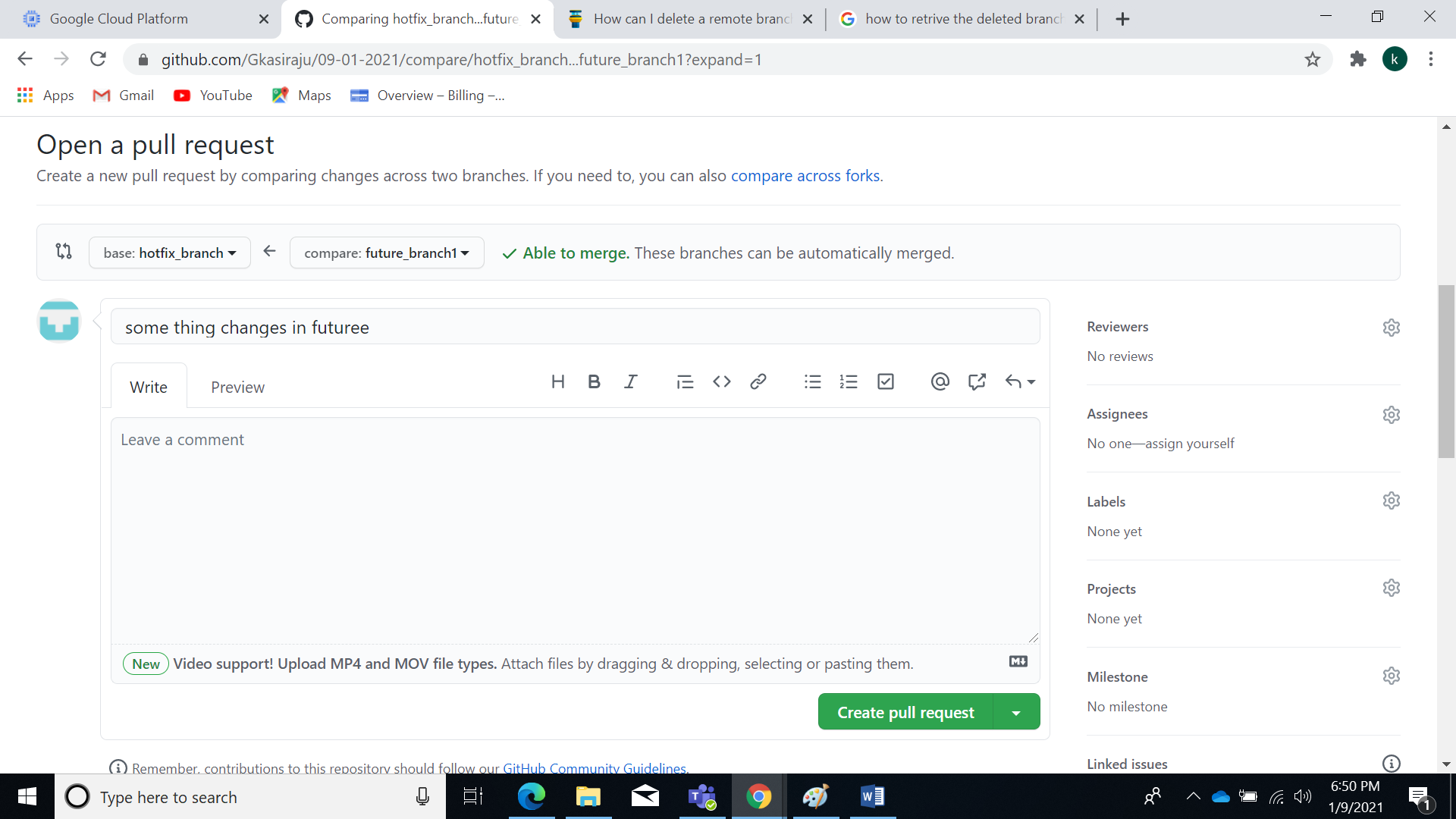
1. merge both future\_branch1 and hotfix\_branch

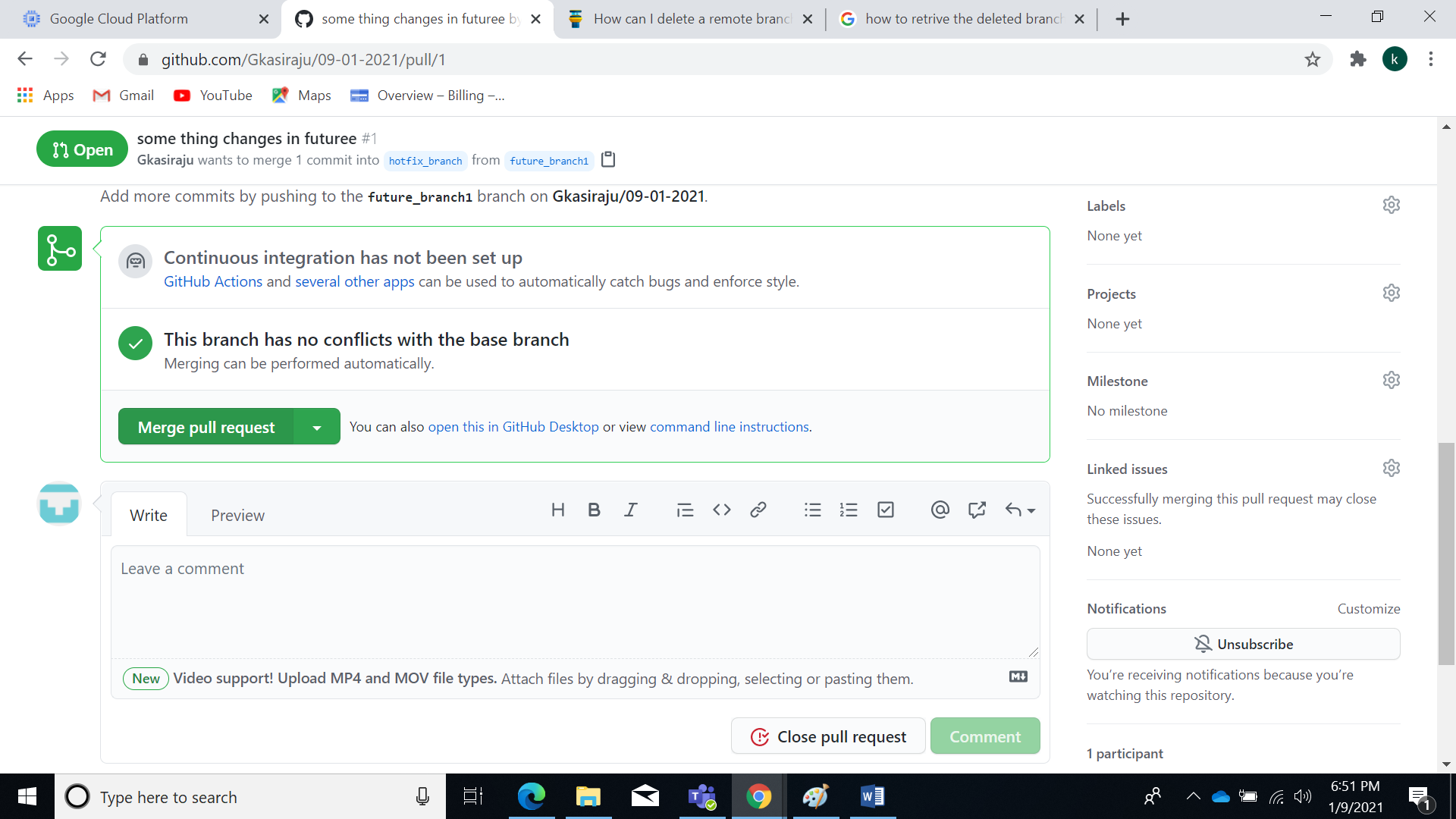
git checkout master

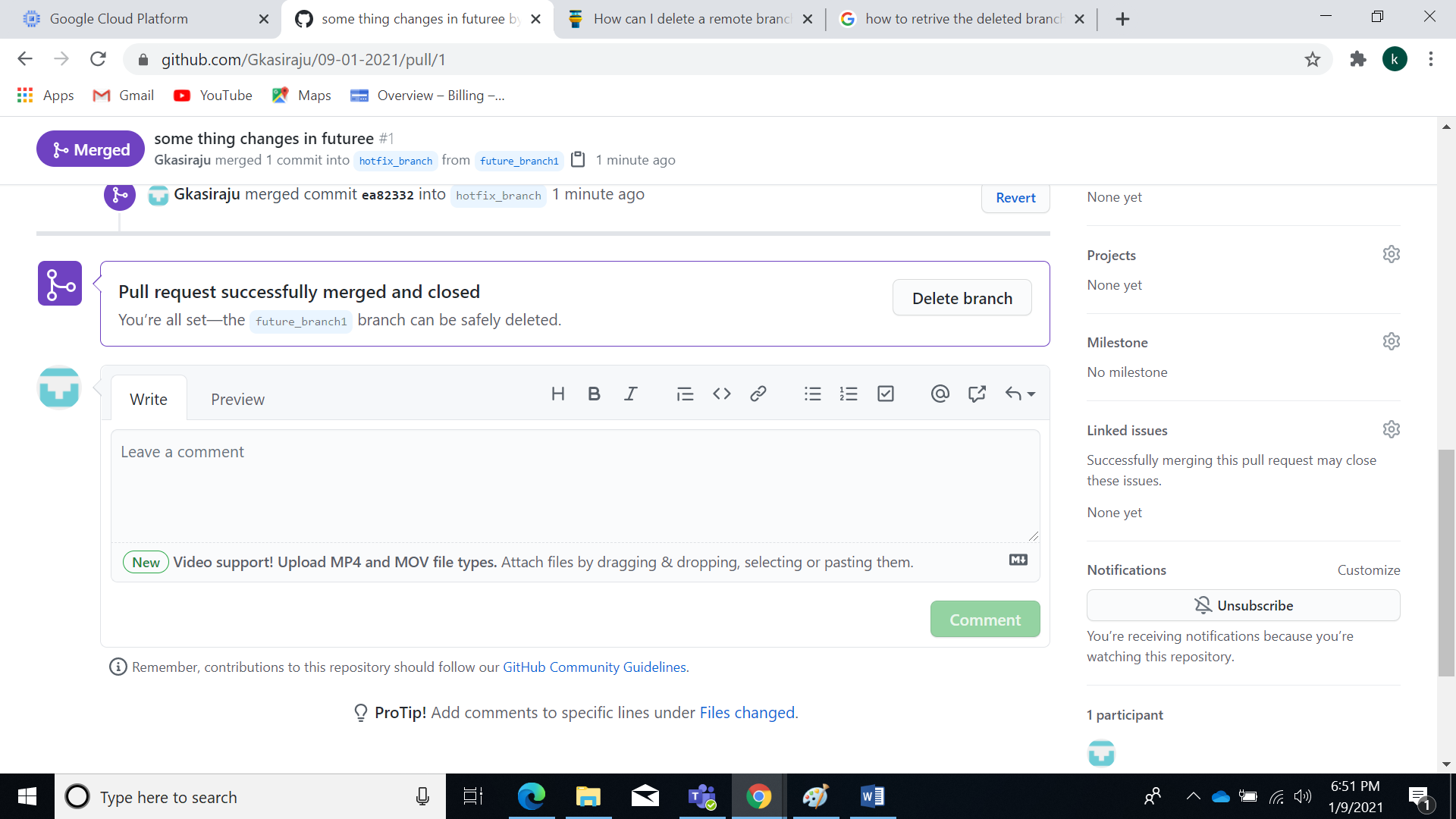
git merge future\_branch1 hotfix\_branch



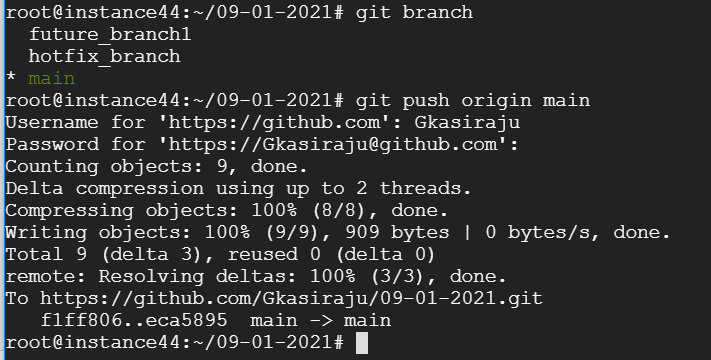








1. Resolve any merge conficts
2. connect to remote repo and push the changes to remote repo



20) delete the remote branch future\_branch1



New merge conflicts:

Mkdir gitex1

Cd gitex1/

Git init

Echo “this is first line”>merge.txt

Git add merge.txt

Git commit –m initial commit

Git checkout –b new\_branch

Echo “some thing changes happen”>merge.txt

Git add merge.txt

Git commit –m “changes done by new\_branch”

Git checkout master

Echo “second time changes”>>merge.txt

Git add merge.txt

Git commit –m second commit

Git merge

Git status

Cat merge.txt

