

# How to make a pull request

Imagine you are TyTitan and this is your repository. Your initial code commit (which could be from your last lab of last term) is in the *master* branch and the lab 1 code is in a branch named *lab1-validation*.

## 1. Click on “New Pull Request”

The screenshot shows the GitHub repository page for TyTitan / CS296N. The repository is private. The 'Code' tab is selected. The 'New pull request' button is circled in red. The repository has 4 commits, 3 branches, and 0 releases. The 'Branch: lab1-authentic...' dropdown is open, showing the 'New pull request' button. The 'Compare' button is also visible. The repository contains the following files:

| File           | Commit            | Time           |
|----------------|-------------------|----------------|
| BookInfo.Tests | beta version done | 11 minutes ago |
| BookInfo       | beta version done | 11 minutes ago |
| .gitignore     | Initial commit    | an hour ago    |
| README.md      | Update README.md  | an hour ago    |

2. Choose the branch with your lab beta code as the “compare” branch.  
Note that the *base* and *compare* branches must contain code that has differences.
3. Select reviewer: the student who going to review your code.
4. Add a comment.
5. Click on “Create Pull Request”.

## Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#).

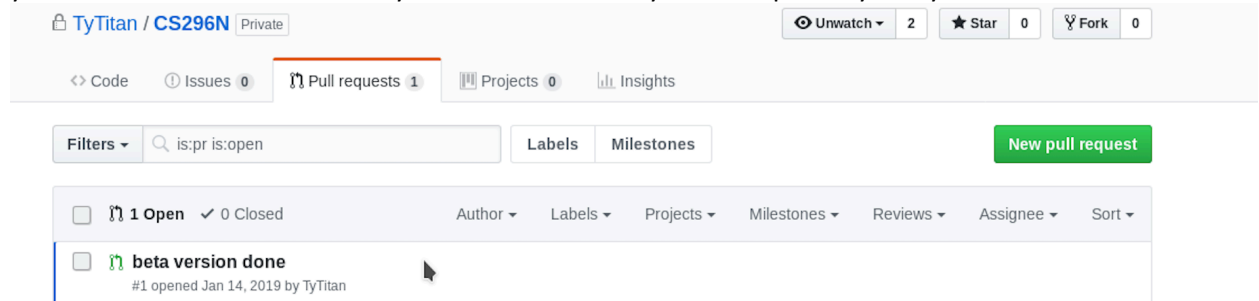
The screenshot shows the GitHub 'Open a pull request' form. The 'base' branch is set to 'master' and the 'compare' branch is set to 'lab1-authentication'. A red circle highlights the 'base' and 'compare' branches. A red circle highlights the 'Create pull request' button. The 'Reviewers' section shows 'Ironlenny' as the reviewer. The 'Assignees' section shows 'No one—assign yourself'. The 'Labels' section shows 'None yet'. The 'Projects' section shows 'None yet'. The 'Milestone' section shows 'No milestone'. The 'Create pull request' button is circled in red.

The pull request is now sent to your reviewer, ironlenny.

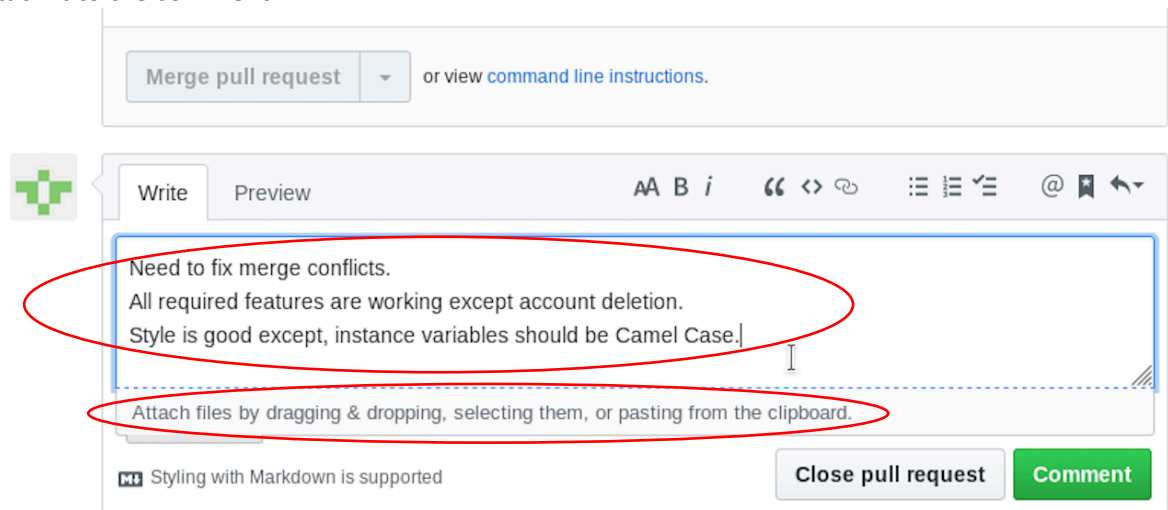
# Doing a code review on GitHub

## Doing a Code Review

Now imagine you are TyTitan's lab partner, ironlenny. You just got an e-mail with the PR, when you follow the link in the e-mail you will be taken to TyTitan's repository and you'll see this:

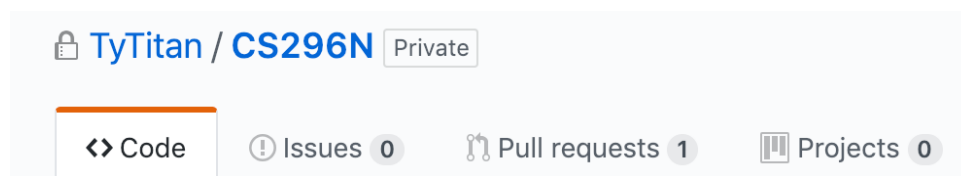


If you haven't already cloned TyTitan's repository, do that now. Now you can pull the branch, look at the code, run it, and do a code review. If the code review form is in MarkDown format, you can copy and paste the completed review into the comments window, otherwise you can attach it to the comment.



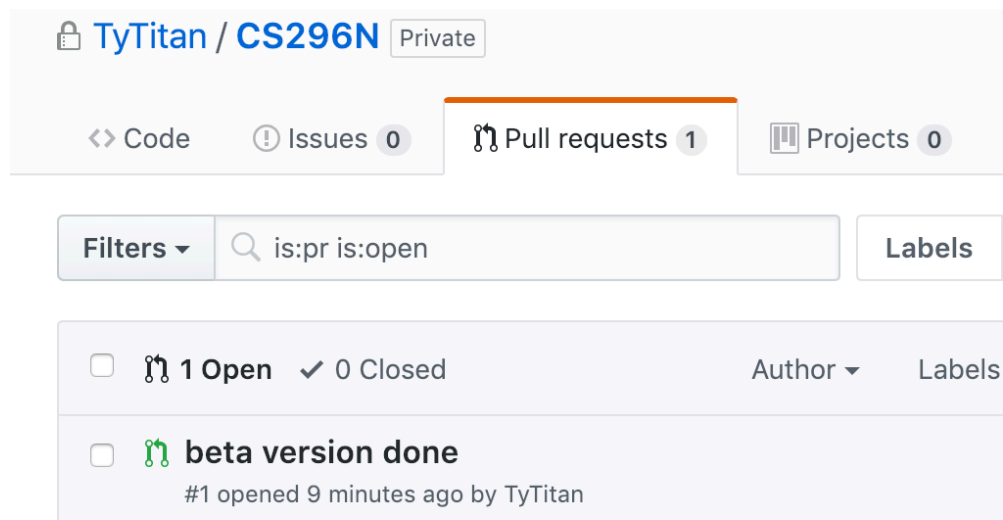
## Reading the code review from your lab partner

Now imagine you are TyTitan again. After your lab partner has done the code review, you can read their comments by first clicking on "Pull requests"



Then select the current pull request  
(see next page)

# Doing a code review on GitHub



TyTitan / CS296N Private

Code Issues 0 Pull requests 1 Projects 0

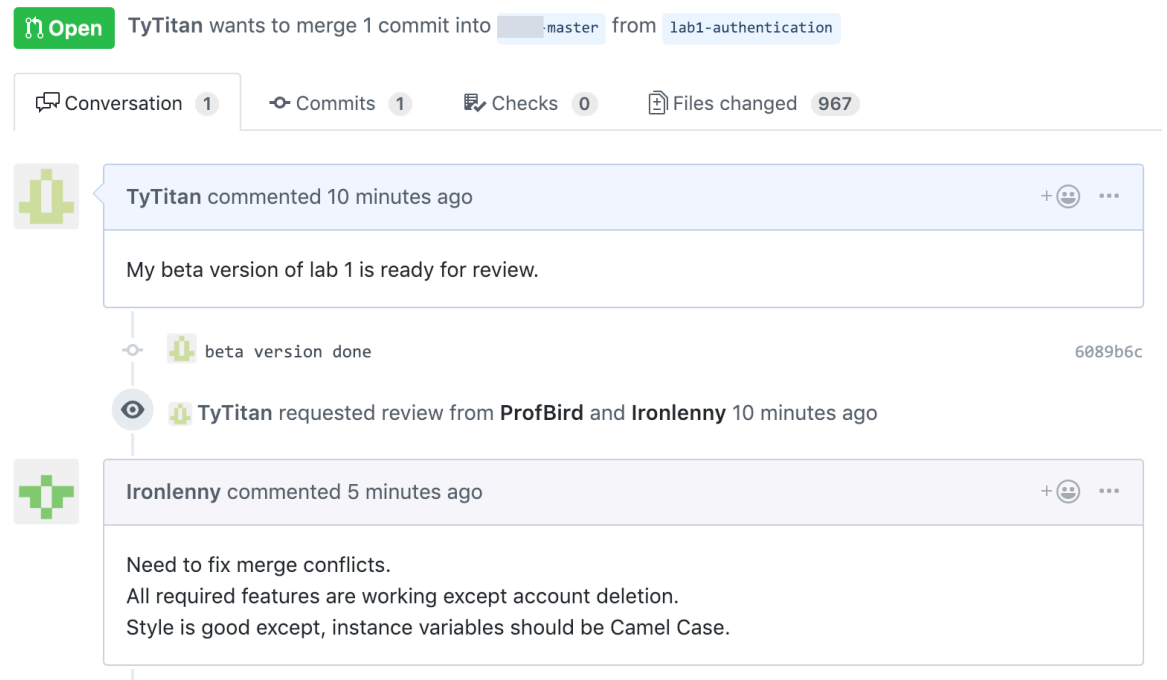
Filters is:pr is:open Labels

1 Open 0 Closed Author Labels

**beta version done**  
#1 opened 9 minutes ago by TyTitan

Then read your lab partner's comments.

## beta version done #1



Open TyTitan wants to merge 1 commit into master from lab1-authentication

Conversation 1 Commits 1 Checks 0 Files changed 967

TyTitan commented 10 minutes ago

My beta version of lab 1 is ready for review.

beta version done 6089b6c

TyTitan requested review from ProfBird and Ironlenny 10 minutes ago

Ironlenny commented 5 minutes ago

Need to fix merge conflicts.  
All required features are working except account deletion.  
Style is good except, instance variables should be Camel Case.

Your lab partner, ironlenny, doesn't need to do the merge or close the PR, you can do that yourself once you are satisfied that the code is production-worthy. Your merge will end up back in master, but keep the Lab1-Validation branch to show what you did for that lab.

It's fine to make multiple changes to the beta branch and get feedback from your lab partner multiple times if your lab partner is willing.