Table of Contents

[Clone a repository 1](#_Toc149243812)

[Changing to respective task branch 1](#_Toc149243813)

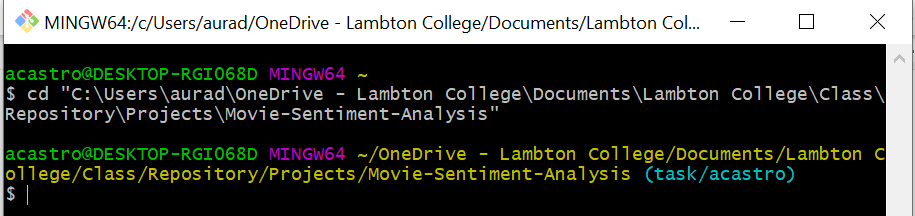
[Pull changes from main to task branch 1](#_Toc149243814)

[Committing code changes 2](#_Toc149243815)

[Merge codes to main branch 3](#_Toc149243816)

# Clone a repository

1. Open Git Bash (see [here](https://git-scm.com/downloads) to download).
2. Change the current working directory to the location where you want the cloned directory.



1. Type git clone, and then paste the URL.

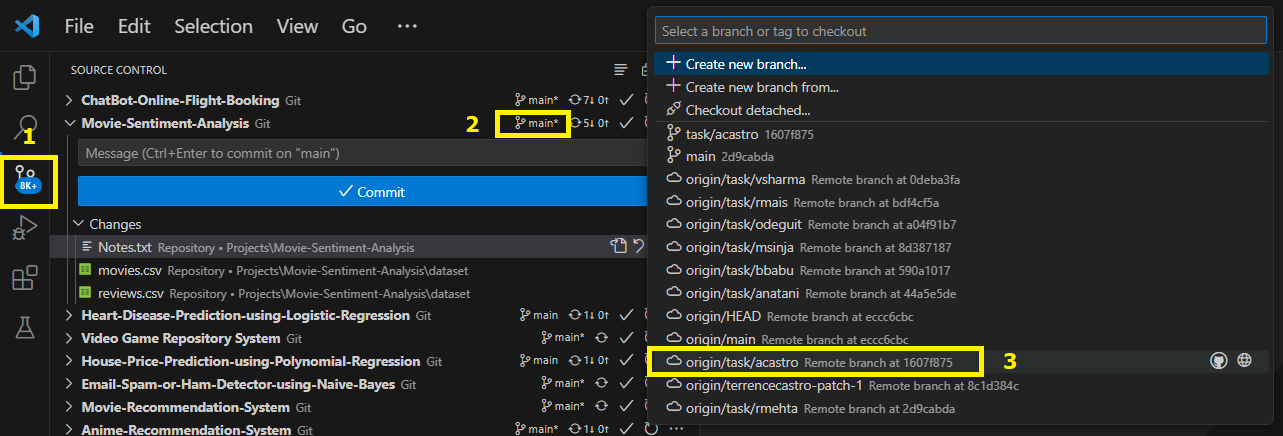
git clone https://github.com/abccastro/Movie-Sentiment-Analysis.git

1. Press Enter to create your local clone.

NOTE: Visual Studio Code will be used for demonstration

# Changing to respective task branch

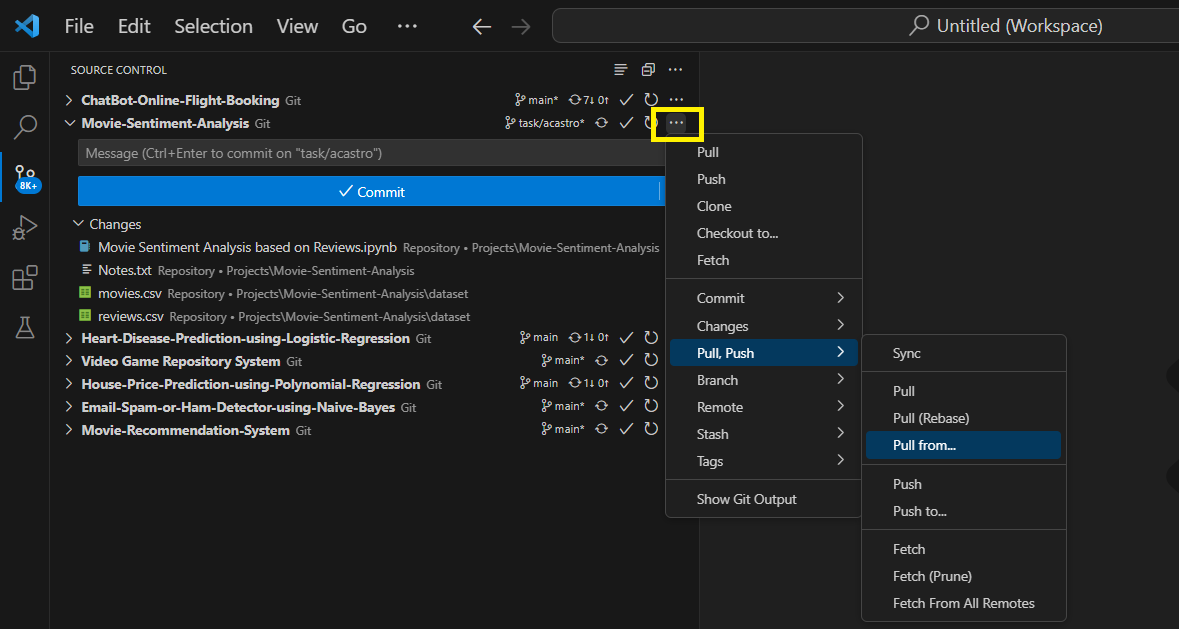
Select (1) Source Control, then change the (2) main branch to your respective (3) task branch

****

# Pull changes from main to task branch

*Always get the recent changes from the main branch to update the codes in task branch* ***especially when planning to merge your codes changes to main branch.***

1. Click the ellipsis (…) beside the repository. Select **Pull, Push** then choose **Pull from** the origin/main.

****

1. Resolve the code conflicts by manually revising the code. **Ensure to properly merge the codes, and only overwrite what's in the main branch if absolutely necessary.**

A screen shot of a computer

Description automatically generated

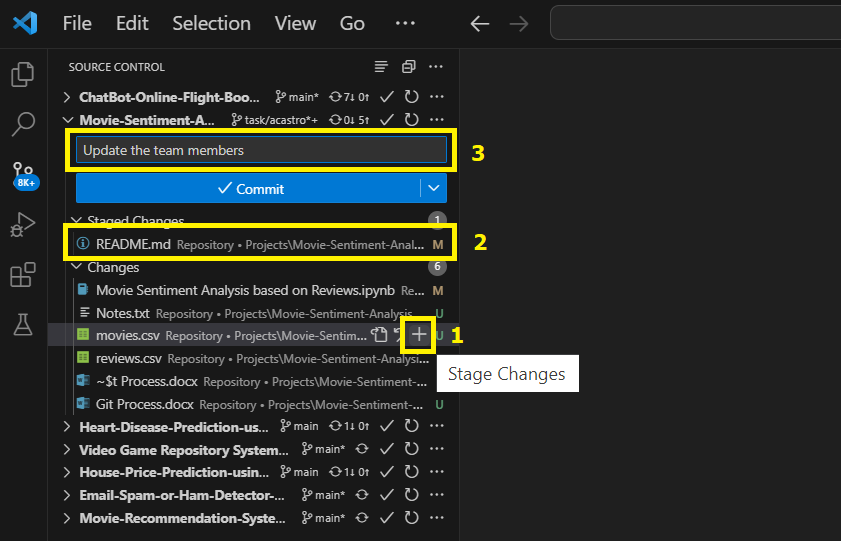
A screenshot of a computer

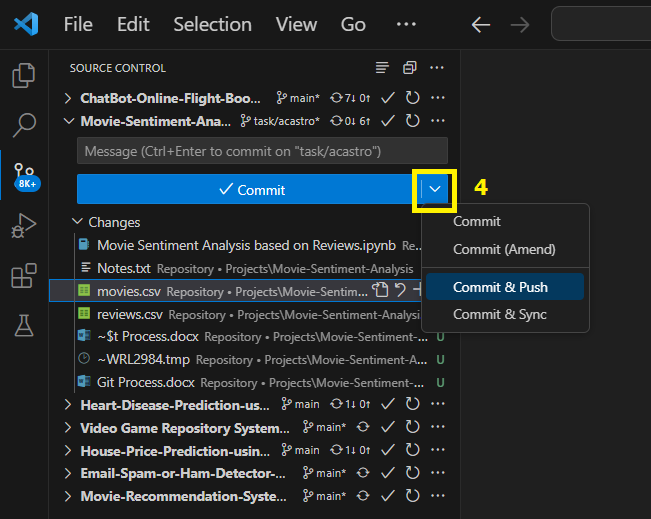
Description automatically generated

# Committing code changes

1. Click the (+) beside the file you want to stage.
2. The file should (2) be added in the **Staged Changes**.
3. Do not forget to add comments containing the summary of your changes.
4. Press the dropdown arrow on the Commit button, then select **Commit & Push**.

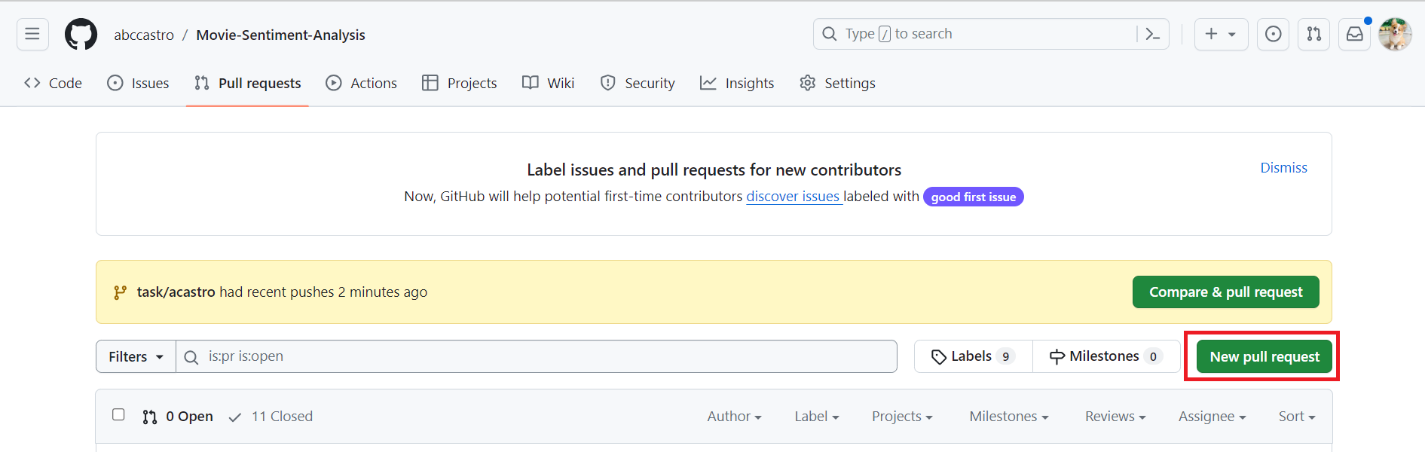
(*if you forgot to change to Commit & Push, you can click the ellipsis beside the repository, then select Push)*



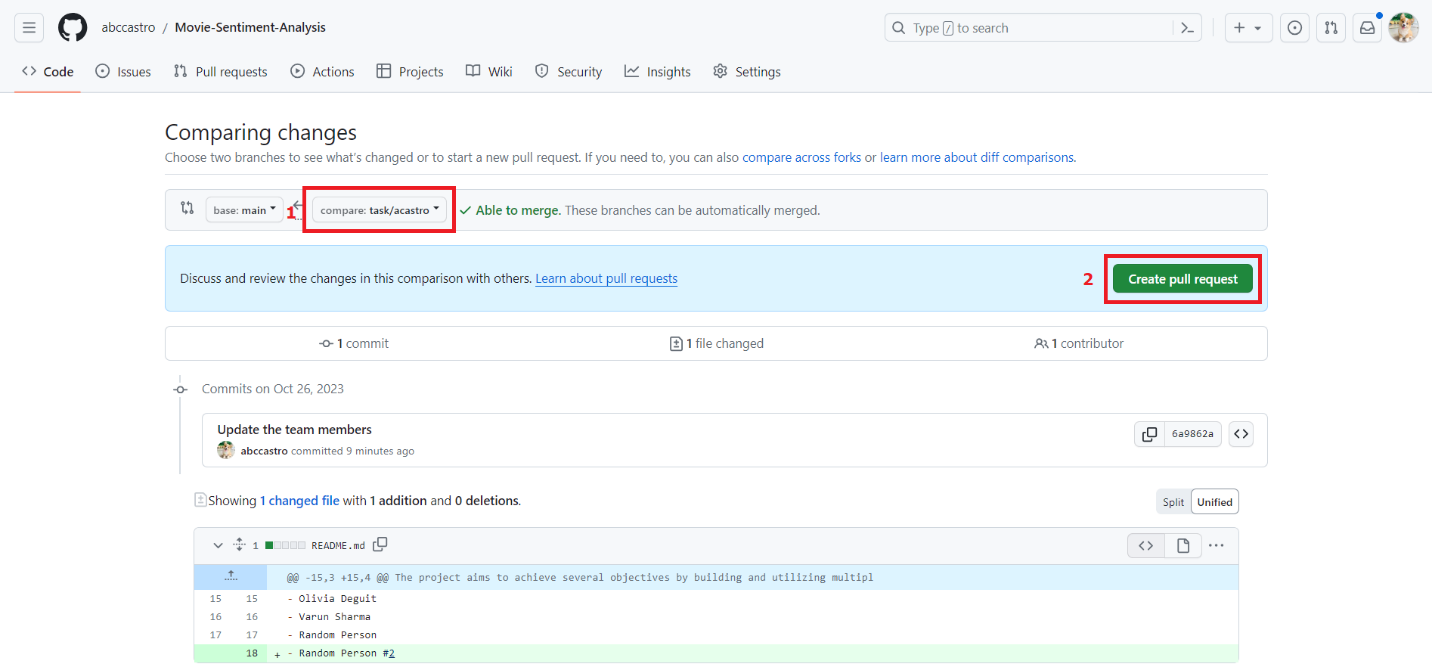


# Merge codes to main branch

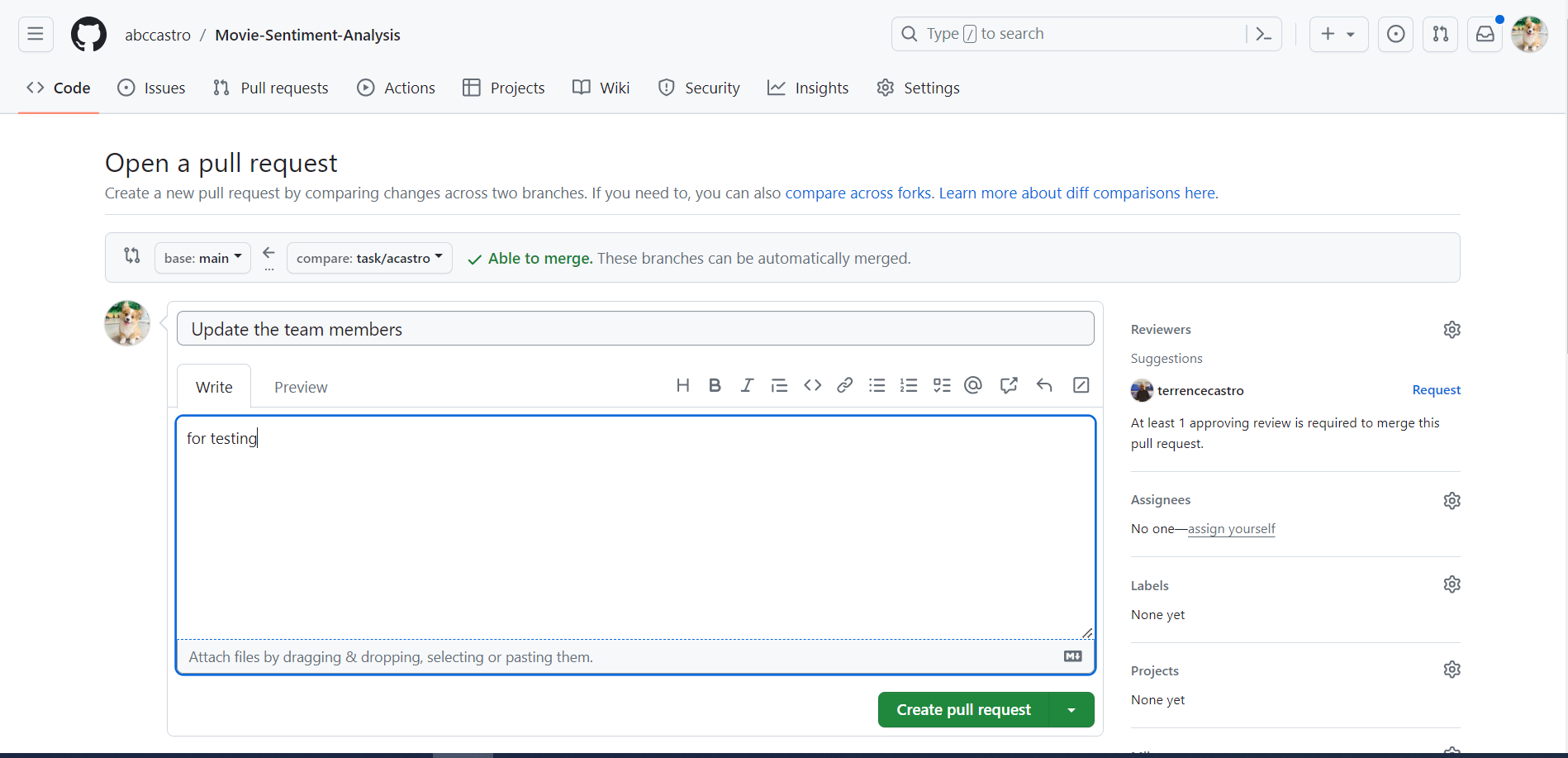
1. Go to repository’s Pull Request tab: <https://github.com/abccastro/Movie-Sentiment-Analysis/pulls>, then click **New Pull Request**.



1. The **main** branch is the base branch. Change the compare branch to your (1) task branch before clicking the (2) **Create pull request**.



1. Add a comment on the pull request, if necessary, then click **Create pull request**.



1. Ask another person to approve pull request to main branch.

A screenshot of a social media account

Description automatically generated