

Git Command

Task 1

- 1) **git status:**

This command lists all the files that have to be committed.

```
C:\Users\ADMIN\Desktop\inueron>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

- 2) **git add . :**

This command adds one or more to the staging area.

```
C:\Users\ADMIN\Desktop\inueron>git add .
```

- 3) **git commit -m "message":**

This command records or snapshots the file permanently in the version history.

```
C:\Users\ADMIN\Desktop\inueron>git commit -m "new commit"
[main 4e48eb9] new commit
 1 file changed, 2 insertions(+), 1 deletion(-)
```

- 4) **git commit -a:**

This command commits any files you've added with the git add command and also commits any files you've changed since then.

```
C:\Users\ADMIN\Desktop\inueron>git commit -a
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
```

- 5) **git diff:**

This command shows the file differences which are not yet staged.

```
C:\Users\ADMIN\Desktop\inueron>git diff
diff --git a/app.py b/app.py
index aecb6c5..bd72940 100644
--- a/app.py
+++ b/app.py
@@ -1,4 +1,5 @@
 print("hello world")
 print("Pranay")
 print("Pranay")
-print("you have")
 \ No newline at end of file
+print("you have")
+print("you can")
 \ No newline at end of file
```

6) **git rm [filename]:**

This command deletes the file from your working directory and stages the deletion.

```
C:\Users\ADMIN\Desktop\inueron>git rm try.txt
rm 'try.txt'
```

7) **git log:**

This command is used to list the version history for the current branch.

```
C:\Users\ADMIN\Desktop\inueron>git log
commit ce4fe61f40e2a40aafb6f6e5fd1b5177fd671d68 (HEAD -> main)
Author: Pranay Sawant <pranaysawant17@rediffmail.com>
Date:   Sun Oct 2 23:01:54 2022 +0530

    't'

commit 87c0a8c9c158c8dc1bc5d9f4c702c3a985719e0f
Author: Pranay Sawant <pranaysawant17@rediffmail.com>
Date:   Sun Oct 2 23:00:33 2022 +0530

    't'

commit 4e48eb933970eff91dcf5caf408c0fdb0719894
Author: Pranay Sawant <pranaysawant17@rediffmail.com>
Date:   Sun Oct 2 22:46:51 2022 +0530
```

8) **git branch:**

This command lists all the local branches in the current repository.

```
C:\Users\ADMIN\Desktop\inueron>git branch
  developer1
* main
```

9) **git branch [branch name]**

This command creates a new branch.

```
C:\Users\ADMIN\Desktop\inueron>git branch dev2  
C:\Users\ADMIN\Desktop\inueron>git branch  
  dev2  
  developer1  
* main
```

10) git checkout [branch name]:

This command creates a new branch and also switches to it.

```
C:\Users\ADMIN\Desktop\inueron>git checkout dev2  
Switched to branch 'dev2'
```

11) git branch -d branchname:

Deletes the branch

```
C:\Users\ADMIN\Desktop\inueron>git branch -d dev2  
Deleted branch dev2 (was 16ecaf0).
```

12) git push origin branchname:

This command sends the branch commits to your remote repository.

```
C:\Users\ADMIN\Desktop\inueron>git push origin developer1  
Enumerating objects: 5, done.  
Counting objects: 100% (5/5), done.  
Delta compression using up to 8 threads  
Compressing objects: 100% (3/3), done.  
Writing objects: 100% (3/3), 363 bytes | 363.00 KiB/s, done.  
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0  
To https://github.com/pranaysawant17/inuronindust.git  
  208091b..939be65  developer1 -> developer1
```

13) git merge :

This command merges the specified branch's history into the current branch.

```
C:\Users\ADMIN\Desktop\inueron>git merge developer1  
Merge made by the 'ort' strategy.  
 app.py | 3 +-  
 1 file changed, 2 insertions(+), 1 deletion(-)
```

14) git push -all [variable name]:

This command pushes all branches to your remote repository.

```
C:\Users\ADMIN\Desktop\inueron>git push --all origin
Enumerating objects: 19, done.
Counting objects: 100% (19/19), done.
Delta compression using up to 8 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (13/13), 1.43 KiB | 732.00 KiB/s, done.
Total 13 (delta 5), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (5/5), completed with 2 local objects.
To https://github.com/pranaysawant17/inuronindust.git
  6898cfa..be24d11  main -> main
```

15) git pull [Repository Link]: or git fetch

This command fetches and merges changes on the remote server to your working directory.

```
C:\Users\ADMIN\Desktop\inueron>git pull https://github.com/pranaysawant17/inuronindust.git
From https://github.com/pranaysawant17/inuronindust
 * branch            HEAD      -> FETCH_HEAD
Already up to date.
```

Task 2

1) Proper open source structure

The screenshot shows a GitHub repository page for 'pranaysawant17 / open-source-project'. The repository is public. The navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation bar, there are buttons for Go to file, Add file, and Code. The main content area shows a single commit by 'pranaysawant17' titled 'Initial commit' with hash '69cf8a' and timestamp 'now'. The commit details show it was made to the 'main' branch and has 1 commit. A file named 'README.md' is listed with the commit message 'Initial commit' and timestamp 'now'.

2) Proper Readme:

A screenshot of a GitHub repository's README.md page. The page title is "open-source-project / README.md". It shows a commit by "pranaysawant17" updating the README. There is 1 contributor listed. The README content includes the text: "This is an open source project repository created for Inueron industry ready project batch. I have add 2 collaborators." At the bottom right of the page, there is a "Manage access" button.

3) Add 2 collaborators:

A screenshot of the "Manage access" page on GitHub. It shows two pending invite entries:

- Piyush9510: Awaiting Piyush9510's response. Status: Pending Invite. Actions: Unlink, Remove.
- PranaySMarktine: Awaiting PranaySMarktine's response. Status: Pending Invite. Actions: Unlink, Remove.

4) Host GitHub Pages using settings (Designed to host your personal, organization, or project pages from a GitHub repository):

A screenshot of the GitHub Pages-hosted site for "open-source-project". The URL is <https://pranaysawant17.github.io/open-source-project/>. The page content is identical to the GitHub README: "This is an open source project repository created for Inueron industry ready project batch. I have add 2 collaborators." The page includes standard sharing and navigation icons.

Task 3

1) Create a Issue in your github repository. :

[pranaysawant17 / open-source-project](#) Public

Code Issues 1 Pull requests Actions Projects Wiki Security Insights Settings

trial issue #1

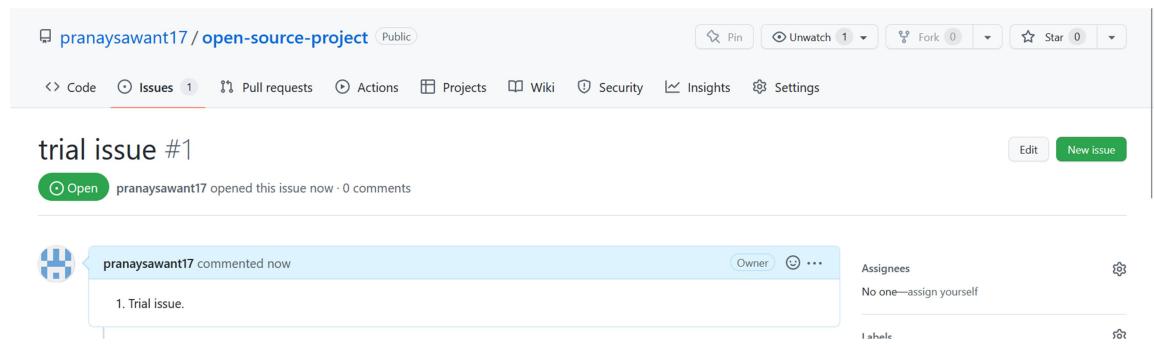
[Open](#) pranaysawant17 opened this issue now · 0 comments

pranaysawant17 commented now

1. Trial issue.

Owner Assignees
No one—assign yourself

Labels



2) Raise a pull request. :

first commit by pranaysawant17 x +

https://github.com/pranaysawant17/open-source-project/pull/2

first commit #2

[Open](#) pranaysawant17 wants to merge 1 commit into `main` from `dev1`

Conversation 0 Commits 1 Checks 0 Files changed 1

pranaysawant17 commented now

No description provided.

first commit 6043e20

Add more commits by pushing to the `dev1` branch on [pranaysawant17/open-source-project](#).

This branch has not been deployed
No deployments

This branch has no conflicts with the base branch
Merging can be performed automatically.

[Merge pull request](#) You can also open this in GitHub Desktop or view command line instructions.

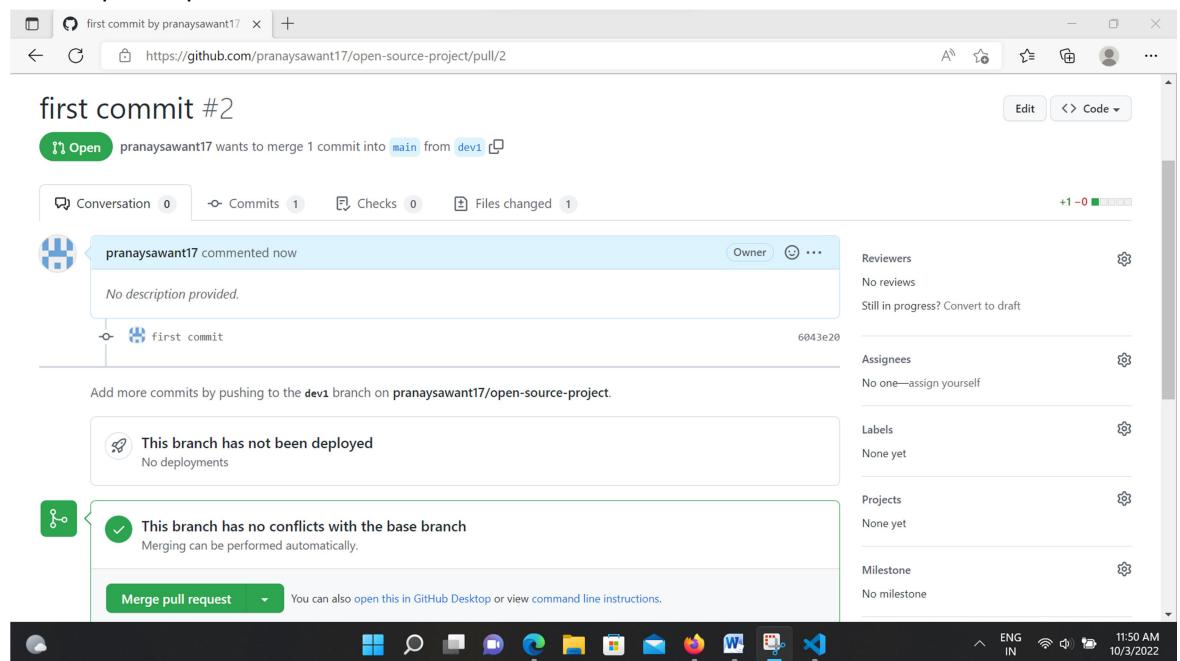
Reviewers No reviews Still in progress? Convert to draft

Assignees No one—assign yourself

Labels None yet

Projects None yet

Milestone None



3) Merge A pull request. :

A screenshot of a GitHub pull request page. The title is "first commit #2". A purple button at the top left says "Merged". Below it, a message says "pranaysawant17 merged 1 commit into main from dev1 28 seconds ago". There are four tabs: Conversation (0), Commits (1), Checks (0), and Files changed (1). The first commit by pranaysawant17 is shown with the message "No description provided." and a link to "first commit". Below it, another commit by pranaysawant17 merges commit ad35e1a into main 28 seconds ago. A "Revert" button is available for this merge commit. A success message box says "Pull request successfully merged and closed" and "You're all set—the dev1 branch can be safely deleted." A "Delete branch" button is also present. On the right side, there are sections for Reviewers (No reviews), Assignees (None yet—assign y), Labels (None yet), and Projects (None yet).

4) Reject a pull request with proper comments:

A screenshot of a GitHub pull request page. The title is "sec commit #3". A red button at the top left says "Closed". Below it, a message says "pranaysawant17 wants to merge 1 commit into main from dev1". There are four tabs: Conversation (0), Commits (1), Checks (0), and Files changed (1). The first commit by pranaysawant17 is shown with the message "No description provided." and a link to "sec commit". Below it, another commit by pranaysawant17 is shown with the message "This changes is not required". A success message box says "pranaysawant17 closed this 13 minutes ago".

5) Add a Dependabot alerts in your github.(for above cases)

Dependabot

Keep your dependencies secure and up-to-date. [Learn more about Dependabot](#).

Dependabot alerts

Receive alerts for vulnerabilities that affect your dependencies and manually generate Dependabot pull requests to resolve these vulnerabilities. [Configure alert notifications](#).

[Disable](#)

Dependabot security updates

Allow Dependabot to open pull requests automatically to resolve Dependabot alerts.

[Disable](#)

Dependabot version updates

Allow Dependabot to open pull requests automatically to keep your dependencies up-to-date when new versions are available. [Learn more about configuring a dependabot.yml file](#).

[Enable](#)

6) Stash changes:

```
C:\Users\ADMIN\Desktop\open source\open-source-project>git stash
Saved working directory and index state WIP on main: bb024b4 ft commit
```

```
C:\Users\ADMIN\Desktop\open source\open-source-project>git stash apply
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   app3.py
```

7) Create a release your package:

The screenshot shows the GitHub Releases interface for a repository. The top navigation bar includes links for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below the navigation is a breadcrumb trail: Releases / v1.0.0. The main content area displays a release titled "Trial" (Pre-release). It shows a message from user "pranaysawant17" released at "v1.0.0" with commit hash "657ddb2". A note below says "TRIAL". Under the "Assets" section, there are two files listed: "Source code (zip)" and "Source code (tar.gz)". Both assets were uploaded 7 minutes ago.

Asset Type	File Name	Upload Time
Source code (zip)		7 minutes ago
Source code (tar.gz)		7 minutes ago

8) Setup a Projects Board for your project.

pranaysawant17 / Projects / @pranaysawant17's Trial Board

Search or jump to...

בל + 🔍

@pranaysawant17's Trial Board

View 1 + New view

Filter by keyword or by field

Todo 1	In Progress 0	Done 1
<p>Draft task</p> <p>+ Add item</p>	<p>+ Add item</p>	<p>Draft Create Board</p> <p>+ Add item</p>