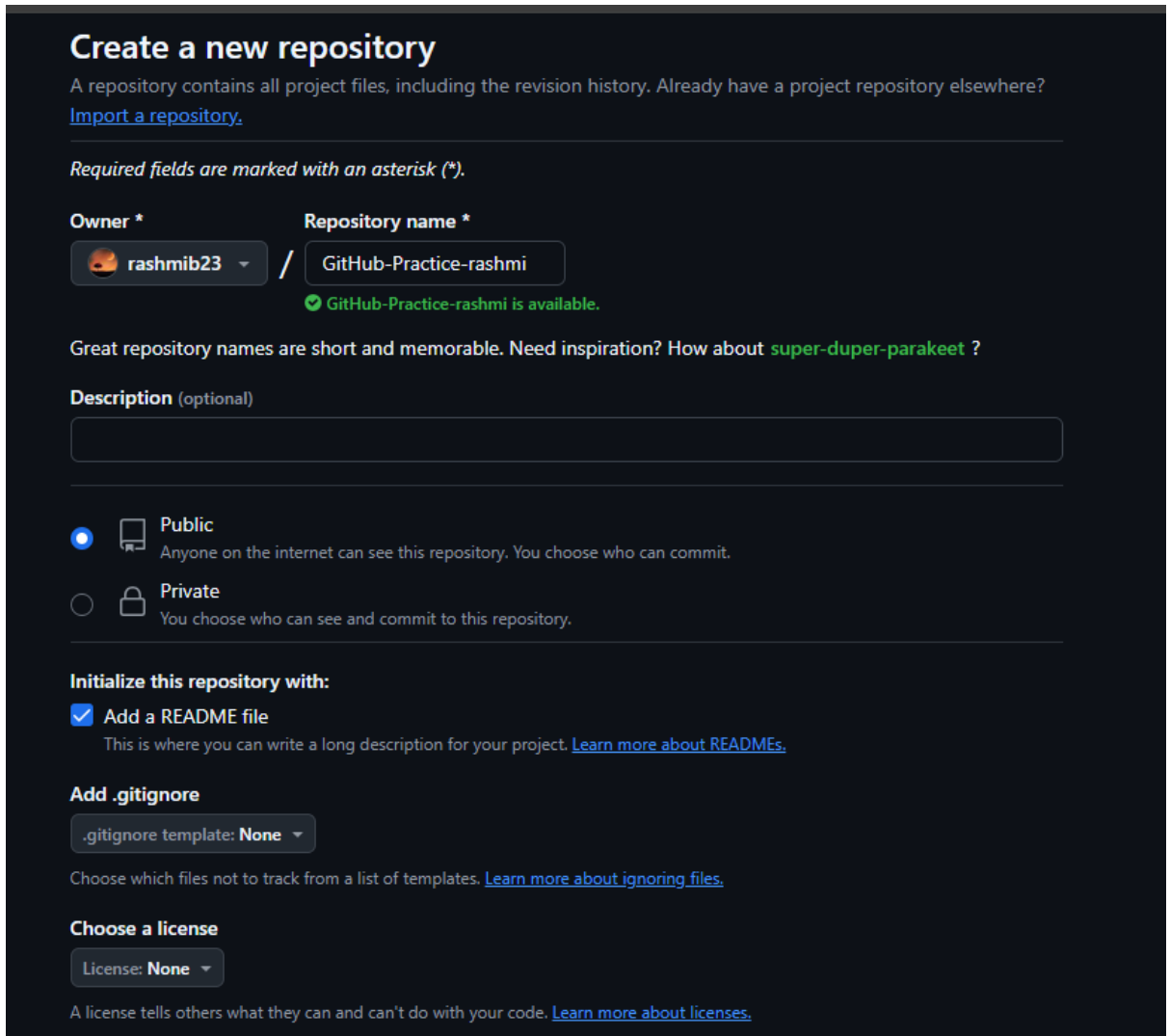


GitHub Workflow Assignment


1. Create a New Repository



Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)


Required fields are marked with an asterisk ().*


Owner *  rashmib23 / **Repository name ***

✔ GitHub-Practice-rashmi is available.

Great repository names are short and memorable. Need inspiration? How about **super-duper-parakeet** ?

Description (optional)

☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.

☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:

☒ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

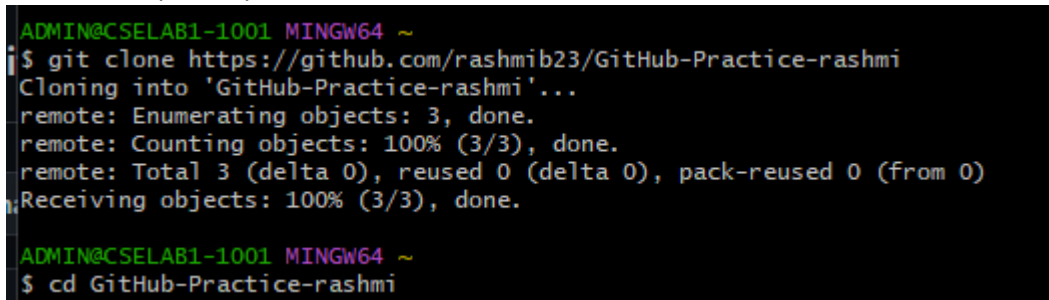
Add .gitignore

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

2. Clone the Repository to Your Local Machine



```
ADMIN@CSELAB1-1001 MINGW64 ~  
$ git clone https://github.com/rashmib23/GitHub-Practice-rashmi  
Cloning into 'GitHub-Practice-rashmi'...  
remote: Enumerating objects: 3, done.  
remote: Counting objects: 100% (3/3), done.  
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)  
Receiving objects: 100% (3/3), done.  
  
ADMIN@CSELAB1-1001 MINGW64 ~  
$ cd GitHub-Practice-rashmi
```

3. Create a New Branch

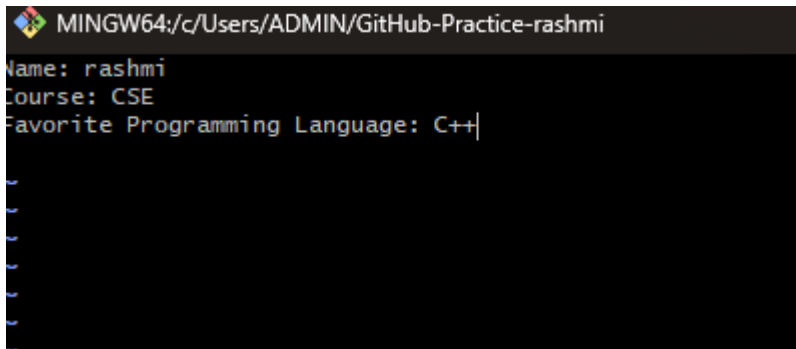
```

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (main)
$ git checkout -b feature-rashmi
Switched to a new branch 'feature-rashmi'

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ cd feature-rashmi
bash: cd: feature-rashmi: No such file or directory

```

4. Add a New File and Make Changes
Create a text file named my_info.txt.



```

MINGW64:/c/Users/ADMIN/GitHub-Practice-rashmi
Name: rashmi
Course: CSE
Favorite Programming Language: C++

```

5. Stage and Commit the Changes

```

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ git add my_info.txt
warning: in the working copy of 'my_info.txt', LF will be replaced by CRLF the next time Git touches it

```

```

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ git add my_info.txt
warning: in the working copy of 'my_info.txt', LF will be replaced by CRLF the next time Git touches it

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ git commit -m "Added my_info.txt with personal Information"
[feature-rashmi 153ff3d] Added my_info.txt with personal Information
1 file changed, 4 insertions(+)
create mode 100644 my_info.txt

```

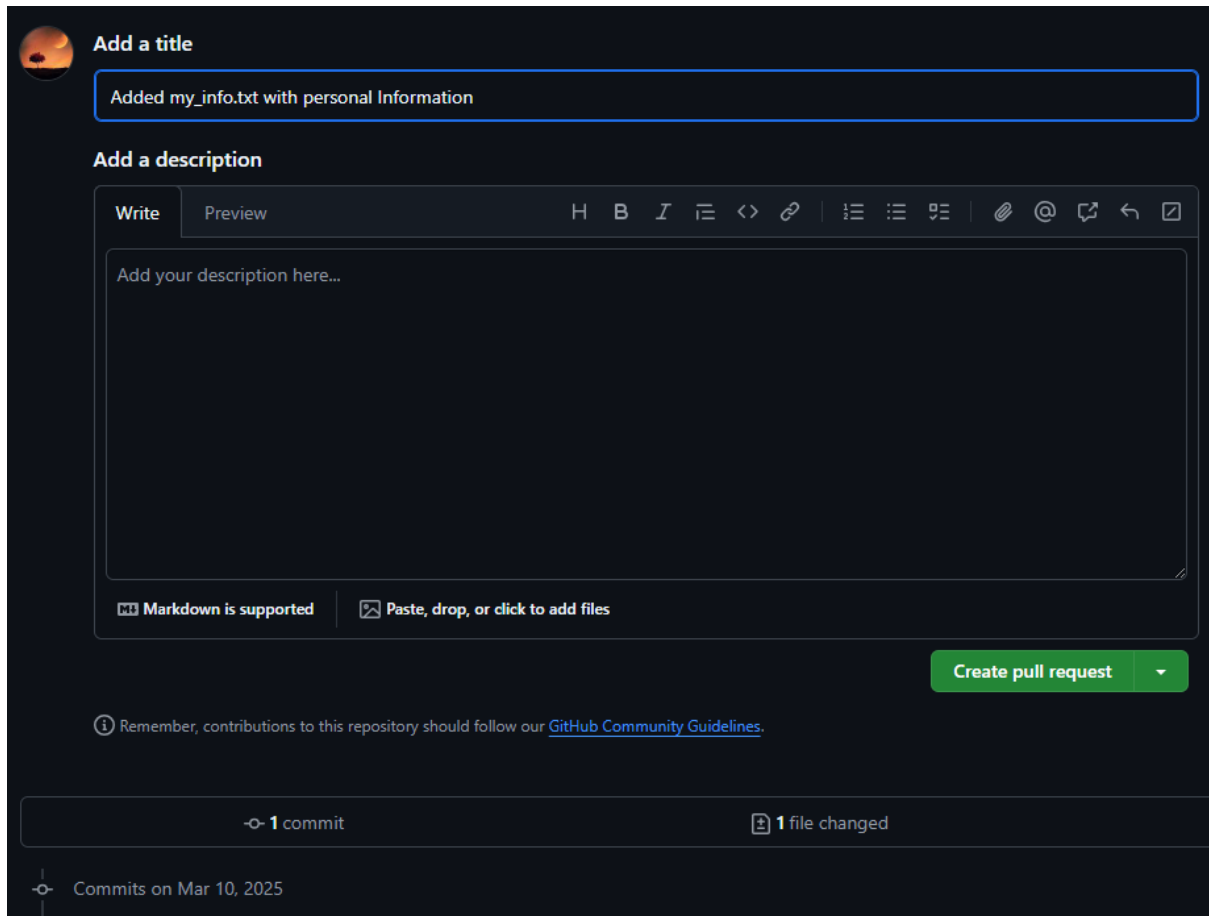
6. Push the Changes to GitHub

```

ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ git push origin feature-rashmi
info: please complete authentication in your browser...
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 358 bytes | 358.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'feature-rashmi' on GitHub by visiting:
remote:   https://github.com/rashmib23/GitHub-Practice-rashmi/pull/new/feature-rashmi
remote:
remote: To https://github.com/rashmib23/GitHub-Practice-rashmi
* [new branch]   feature-rashmi -> feature-rashmi

```

7. Create a Pull Request (PR)



The screenshot shows the GitHub interface for creating a pull request. At the top, there's a profile picture and the text 'Add a title'. Below this is a text input field containing 'Added my_info.txt with personal Information'. Underneath is the 'Add a description' section, which has a 'Write' tab and a 'Preview' tab. The 'Write' tab is active, showing a rich text editor with a toolbar containing icons for heading (H), bold (B), italic (I), list (ul), code (<>), link, table, quote, code block, image, mention (@), emoji, undo, and redo. The text area contains the placeholder 'Add your description here...'. Below the text area are two buttons: 'Markdown is supported' and 'Paste, drop, or click to add files'. At the bottom right of the description section is a green button labeled 'Create pull request' with a dropdown arrow. Below this is a reminder: 'Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).' At the bottom of the form, there's a summary bar showing '1 commit' and '1 file changed'. Below the summary bar, it says 'Commits on Mar 10, 2025'.

Add a title

Added my_info.txt with personal Information

Add a description

Write Preview

Add your description here...

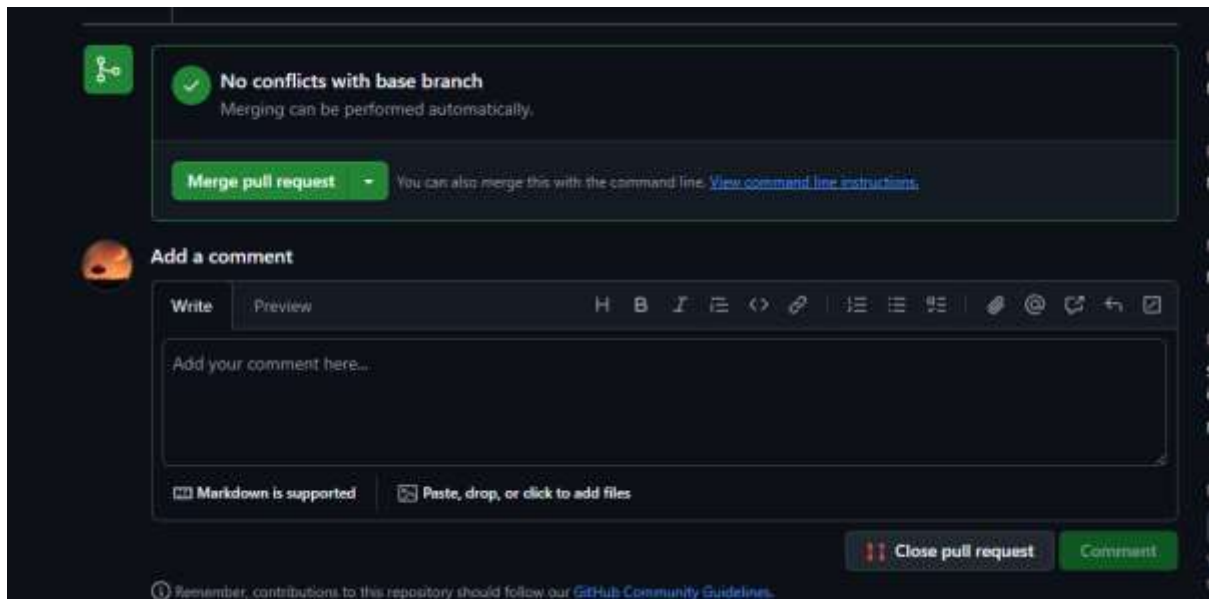
Markdown is supported Paste, drop, or click to add files

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

1 commit 1 file changed

Commits on Mar 10, 2025



The screenshot shows the GitHub interface for merging a pull request. At the top, there's a green checkmark icon and the text 'No conflicts with base branch'. Below this is the text 'Merging can be performed automatically.' and a green button labeled 'Merge pull request' with a dropdown arrow. To the right of the button is the text 'You can also merge this with the command line. [View command line instructions](#).' Below this is the 'Add a comment' section, which has a 'Write' tab and a 'Preview' tab. The 'Write' tab is active, showing a rich text editor with a toolbar containing icons for heading (H), bold (B), italic (I), list (ul), code (<>), link, table, quote, code block, image, mention (@), emoji, undo, and redo. The text area contains the placeholder 'Add your comment here...'. Below the text area are two buttons: 'Markdown is supported' and 'Paste, drop, or click to add files'. At the bottom right of the comment section are two buttons: 'Close pull request' and 'Comment'. Below this is a reminder: 'Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).'

No conflicts with base branch

Merging can be performed automatically.

Merge pull request You can also merge this with the command line. [View command line instructions](#).

Add a comment

Write Preview

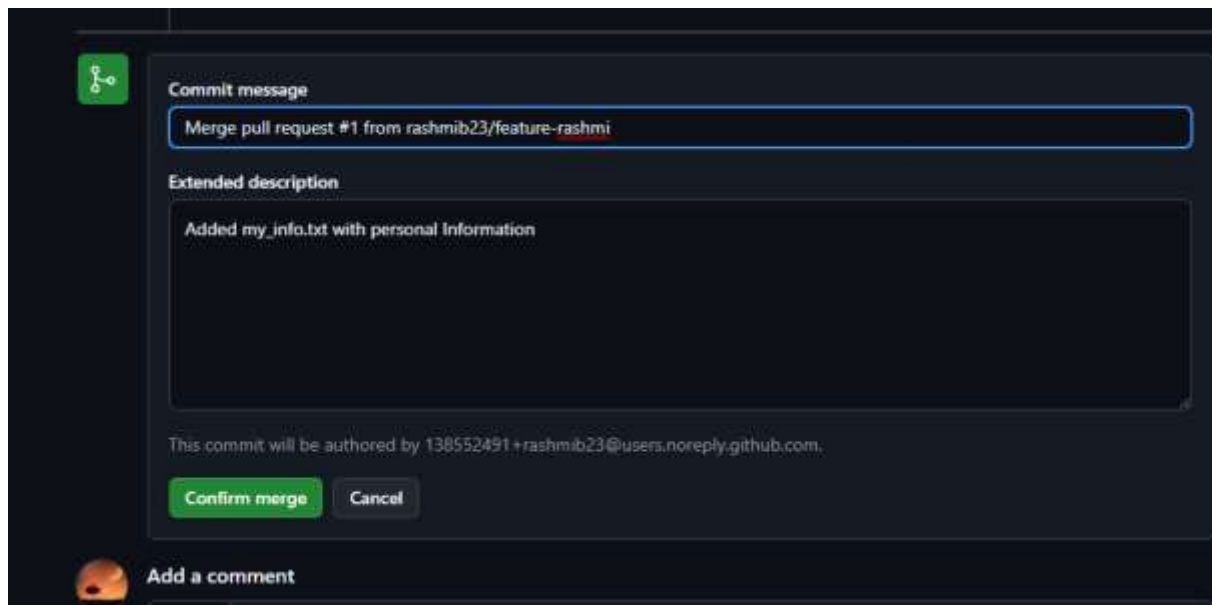
Add your comment here...

Markdown is supported Paste, drop, or click to add files

Close pull request Comment

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

8. Merge the Pull Request



9. Pull the Updated Code to Local Machine

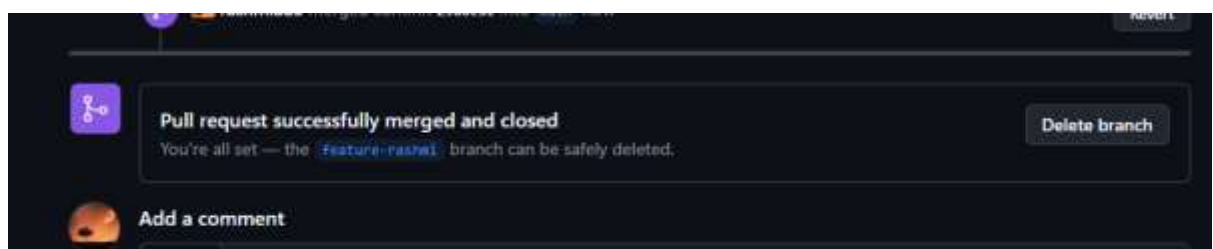
```
ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (feature-rashmi)
$ git checkout main
Switched to branch 'main'
Your branch is up to date with 'origin/main'.

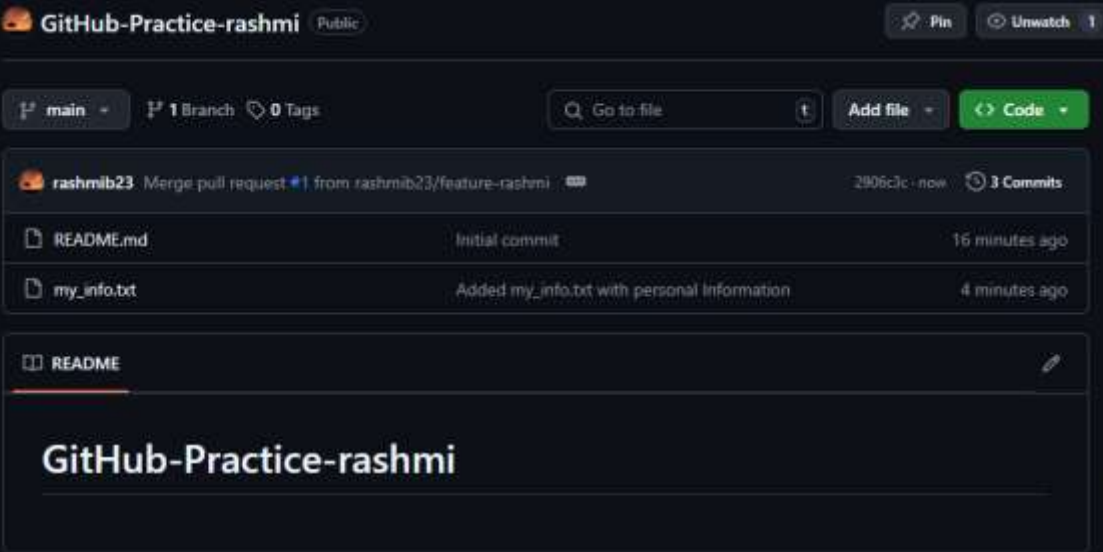
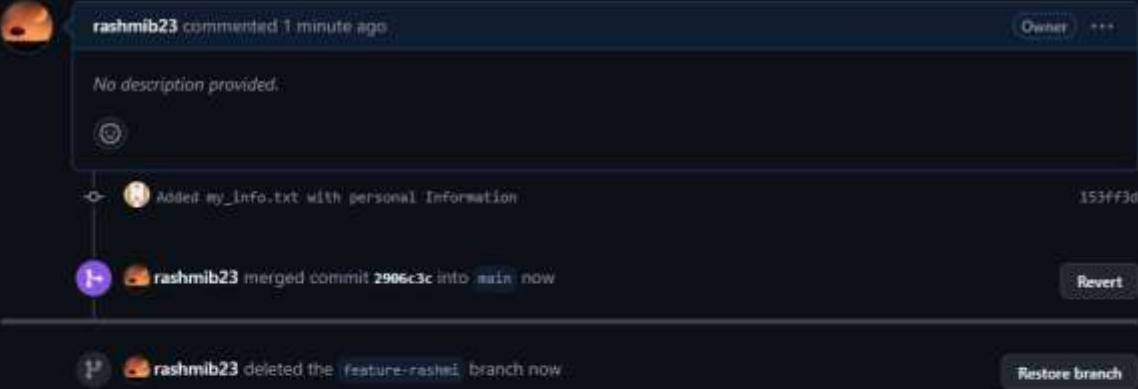
ADMIN@CSELAB1-1001 MINGW64 ~/GitHub-Practice-rashmi (main)
$ git pull origin main
remote: Enumerating objects: 1, done.
remote: Counting objects: 100% (1/1), done.
remote: Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (1/1), 920 bytes | 230.00 KiB/s, done.
From https://github.com/rashmib23/GitHub-Practice-rashmi
 * branch            main       -> FETCH_HEAD
    bd385dd..2906c3c  main       -> origin/main
Updating bd385dd..2906c3c
Fast-forward
 my_info.txt | 4 ++++
 1 file changed, 4 insertions(+)
 create mode 100644 my_info.txt
```

10. Delete the Feature Branch (Optional, Best Practice)

`git branch -d feature-rashmi`

`git push origin --delete feature-rashmi`





<https://github.com/rashmib23/GitHub-Practice-rashmi>