

## 1. The URL of the commit history of GitHub.com repository

<https://github.com/ShrutiSasi/learning-about-version-control/commits/main/>

## 2. The screenshot of resolved merge conflict

<https://github.com/ShrutiSasi/learning-about-version-control/tree/main/img>

```
MINGW64/c/Users/Shruti/git + ~git/learning-about-version-control (main)
$ git pull
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 978 bytes | 88.00 KiB/s, done.
From github.com:ShrutiSasi/learning-about-version-control
 b92f42c..dc7ea8b main    -> origin/main
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.

(dsc1522) Shruti@DESKTOP-MSACMFD ~git/learning-about-version-control (main *+|MERGING)
$ cat README.md
# Learning about Version Control
**Author:** Shruti Sasi

<<<<< HEAD
Solving merge conflicts is soooooo hard!
=====
Solving merge conflicts is easy!
>>>>> dc7ea8b15285c93e17471bdca895fb7499ac9b10

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(dsc1522) Shruti@DESKTOP-MSACMFD ~git/learning-about-version-control (main *+|MERGING)
$ git status
On branch main
Your branch and 'origin/main' have diverged,
and have 1 and 1 different commits each, respectively.
  (use "git pull" if you want to integrate the remote branch with yours)

You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both modified: README.md

no changes added to commit (use "git add" and/or "git commit -a")

(dsc1522) Shruti@DESKTOP-MSACMFD ~git/learning-about-version-control (main *+|MERGING)
$
```

3. Working in a branch–pull-request workflow allows us to experiment and make changes safely without affecting the main branch, which should always stay stable. It also makes it easier to review, test, and discard changes if needed as opposed to working by directly committing each change to the main branch. This workflow is especially useful when working collaboratively in a team environment, as it reduces merge conflicts and ensures that every change is reviewed before being integrated.