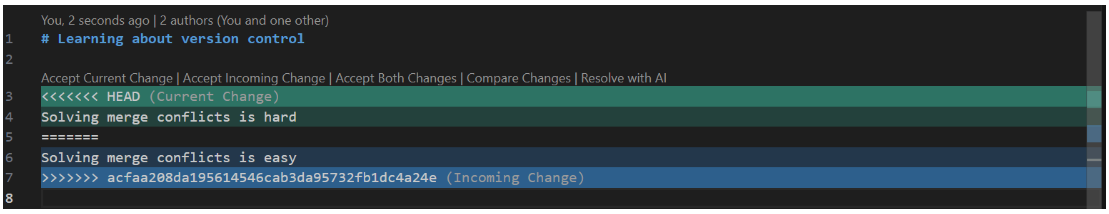
1. Commit History

Repo Commit History

2. Merge Conflicts

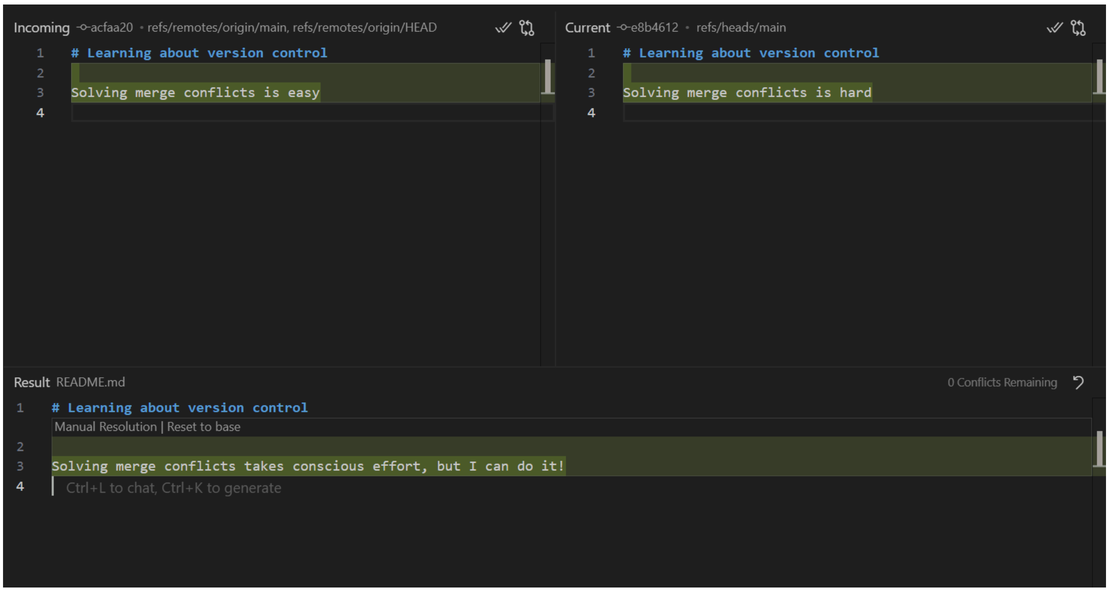
Conflict


You, 2 seconds ago | 2 authors (You and one other)
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes | Resolve with AI

```
# Learning about version control

<<<<<<< HEAD (Current Change)
Solving merge conflicts is hard
=======
Solving merge conflicts is easy
>>>>>>> acfaa208da195614546cab3da95732fb1dc4a24e (Incoming Change)
```

Resolution


Incoming acfaa20 • refs/remotes/origin/main, refs/remotes/origin/HEAD
Current e8b4612 • refs/heads/main
Result README.md
0 Conflicts Remaining
Manual Resolution | Reset to base
Ctrl+L to chat, Ctrl+K to generate

Incoming:

```
# Learning about version control

Solving merge conflicts is easy
```

Current:

```
# Learning about version control

Solving merge conflicts is hard
```

Result:

```
# Learning about version control

Solving merge conflicts takes conscious effort, but I can do it!
```

3. Branch PR Workflow

Using multiple branches and a PR approach to merge in work enables multiple users to work on different features of the same project at the same time and also ensures cleaner and more efficient code. Branches help users work independently on their features without affecting any other users work. The PR reviews ensure that the code that is merged in is free of any bad code (as it goes through multiple sets of eyes instead of just the person working on that specific feature)