

submission

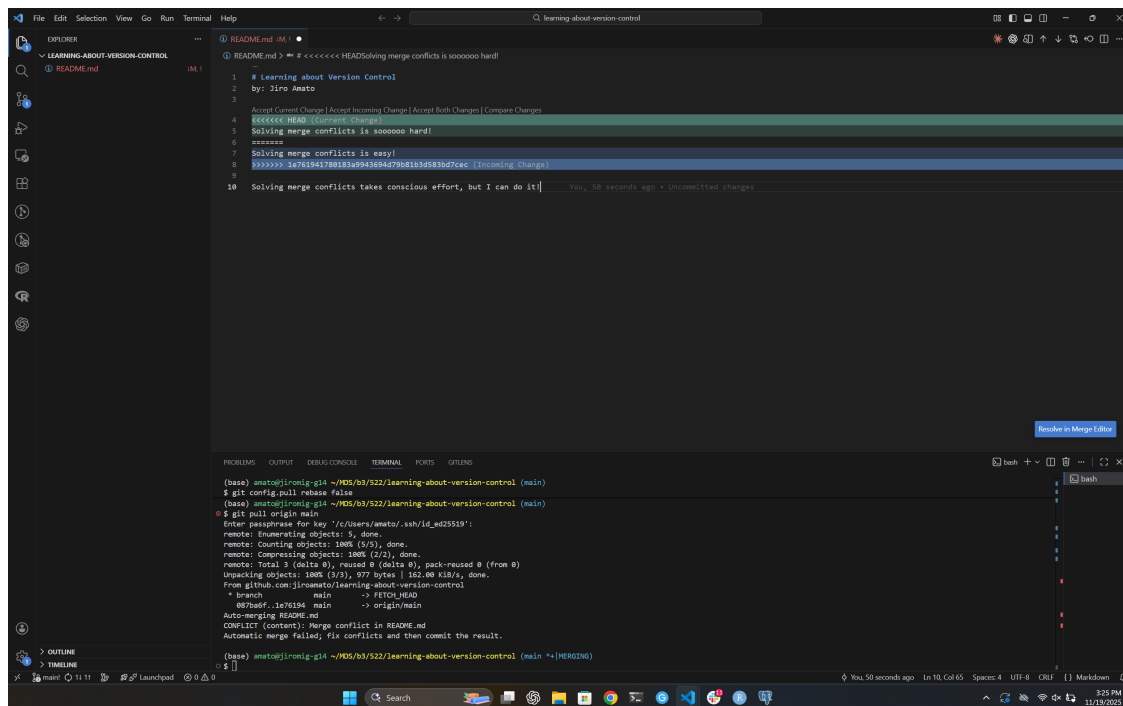
November 19, 2025

1 Individual Assignment 1 Submission

Commit History Link:

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

Resolving Merge Conflict:



The screenshot shows a VS Code editor with a file named `README.md` open. The file content is as follows:

```
1 # Learning about Version Control
2 by: Jiro Amato
3
4 Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
5
6 <<<<<< HEAD (Current Change)
7 Solving merge conflicts is soooooo hard!
8 =====
9 Solving merge conflicts is easy!
10 >>>>>> 1a7619d1780163a9913e8d47901b3d588b7f0ec (Incoming Change)
```

Below the editor, a terminal window shows the following commands and output:

```
(base) amato@jiroamato: ~/WS/b3/522/learning-about-version-control (main)
$ git config pull.rebase false
(base) amato@jiroamato: ~/WS/b3/522/learning-about-version-control (main)
$ git pull origin main
Enter passphrase for key '/c/Users/amato/.ssh/id_rsa':
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% (5/5), 977 bytes | 162.00 KiB/s, done.
From github.com:jiroamato/learning-about-version-control
+ branch main -> FETCH_HEAD
887ba0f..1a7619d main -> origin/main
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
Automatic merge failed; fix conflicts and then commit the result.
(base) amato@jiroamato: ~/WS/b3/522/learning-about-version-control (main *) (MERGING)
$
```

Working on a branch-pull-request workflow allows collaborators to separate changes to the repo while keeping the main branch thus preventing breaking anything on main. Also, by creating pull-requests, changes have to be reviewed so that the entire team can collectively look at potential changes. Directly committing creates an unstructured repository where changes are not coordinated within a team.