# 4. Git-HOL

### How to resolve conflicts during a merge

When two or more people edit the same part of a file in different branches, Git cannot automatically decide which change to keep. This situation is called a merge conflict.  
  
To resolve conflicts:  
1. Git will mark the conflicting parts in the file with special markers (<<<<<<<, =======, >>>>>>>).  
2. You need to open the file and carefully review both changes.  
3. Decide which part to keep or combine both changes into a final version.  
4. After editing, save the file.  
5. Then, stage the resolved file using `git add`.  
6. Finally, commit the resolution to complete the merge.  
  
Using tools like P4Merge can help visually compare and merge changes, making conflict resolution easier.

Repository link : [https://gitlab.com/srijudas242-group/gitdemo#](https://gitlab.com/srijudas242-group/gitdemo)



