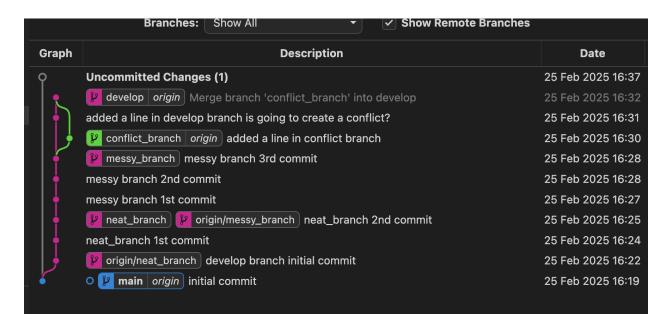
Github link: https://github.com/rishikagudise/git-collaboration.git



Both merges above are fast-forward merges. Explain.

In your own words, write down a scenario that will involve a merge conflict between develop and conflict_branch.

 If I have a paragraph that is placed in the same spot in both the develop and conflict branch within the index.html and if they hold different content, a merge conflict will occur. This will happen because Git will not know which content to use within that line. When there are these types of overlapping changes, manual resolution is required

In your own words, write down a scenario that will NOT involve a merge conflict between develop and conflict_branch despite some change on the same file on both branches.

If I just add a new line in the conflict_branch's index.html and not in the develop branch's index.html, there will be no merge conflict because this is not a change that will overlap with a change in the develop branch. Git will merge these non-overlapping changes automatically.