

CASE STUDY- RESOLVING MERGE CONFLICTS

Problem Statement:

You work for Zendrix Software & Co. You have been assigned the task of updating the Master branch of their Git repository with all the features from the feature branches.

Following is the GitHub account, https://github.com/devops-intellipaat/merge-conflict.git

Consider,

- Feature1 branch to be a public branch
- Feature2 branch to be a private branch

The company relies on a monolithic architecture, and for now all the code resides in one file "main.c". The respective features have been added in the feature branches for main.c. Meanwhile, a security patch was made to the master branch, and now feature1 and feature2 branches are behind from master by 1 commit.

Following tasks have to be done:

- 1. Update Feature1 and Feature2 branch with the Security Patch
- 2. Apply changes of Feature1 and Feature2 branch on master
- 3. Finally push all the branches to GitHub

For Solving this, please fork the repository to your Github account and then work.

As a solution, please submit your GitHub's repository link.

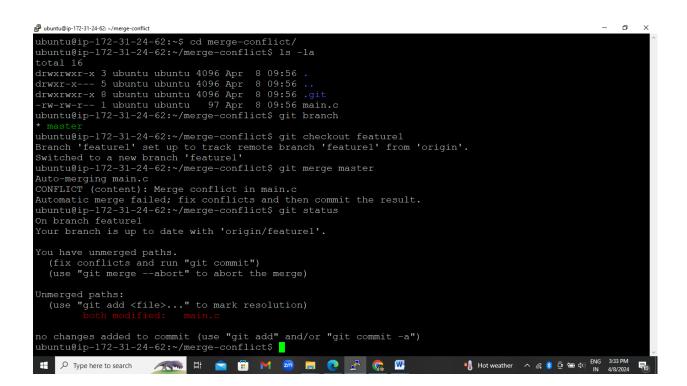
1. Update Feature1 and Feature2 branch with the Security Patch

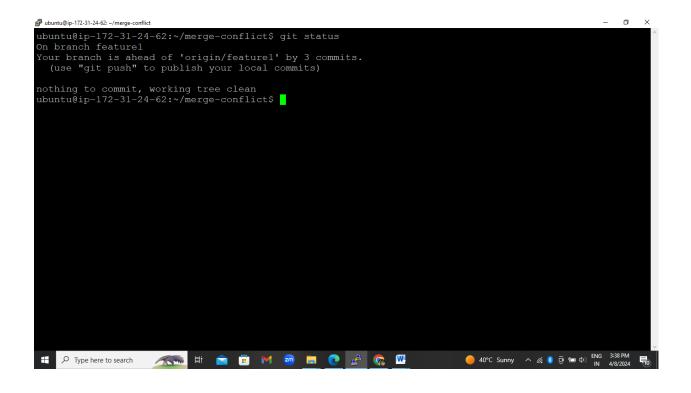
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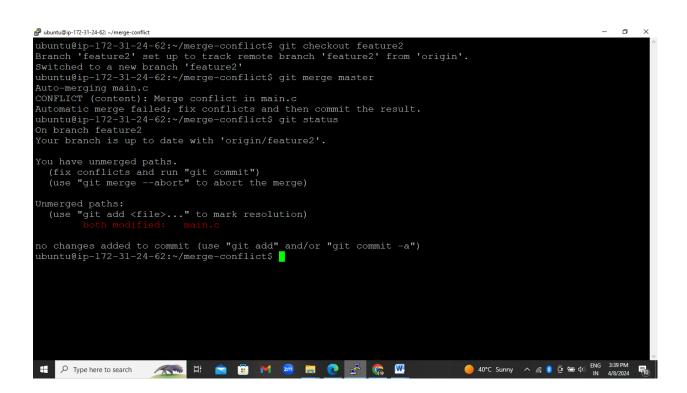
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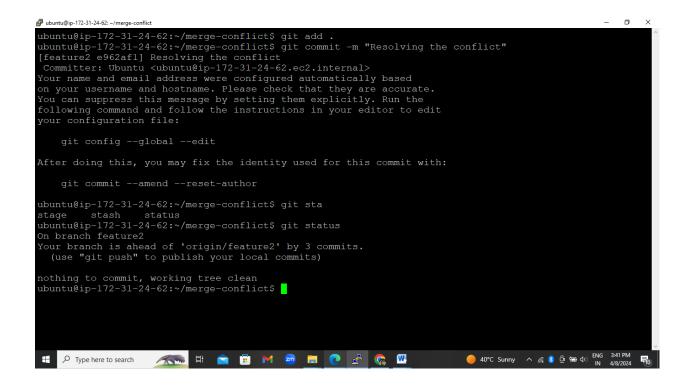
Switch to feature1 and feature2 branch, then merge the master branch security patch code.

Git the merge conflict issue, need to fix it by opening and editing the correct code.









- Apply changes of Feature1 and Feature2 branch on masterCheckout to master branch and merge the feature1 and feature2 branch code.
- 3. Finally push all the branches to GitHub

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