**1. Fork the Repository**

1. Go to the repository <https://github.com/devops-intellipaat/merge-conflict.git>.
2. Click the "Fork" button to create a copy of the repository under your GitHub account.

**2. Clone the Forked Repository to Your Local Machine**

git clone https://github.com/Shahid199578/merge-conflict.git

cd merge-conflict

**3. Update Feature1 and Feature2 Branches with the Security Patch**

1. **Fetch the latest changes from the remote repository**:

git remote add upstream https://github.com/devops-intellipaat/merge-conflict.git

git fetch upstream

git checkout -b feature1 upstream/feature1

git checkout -b feature2 upstream/feature2

git checkout -b master upstream/master

1. **Checkout and update Feature1**:

git checkout Feature1

git merge master

# Resolve any merge conflicts if they arise, then commit

git commit -m "Merge master into Feature1 to apply security patch"

1. **Checkout and update Feature2**:

git checkout Feature2

git merge master

# Resolve any merge conflicts if they arise, then commit

git commit -m "Merge master into Feature2 to apply security patch"

**4. Apply Changes of Feature1 and Feature2 Branches on Master**

1. **Merge Feature1 into master**:

git checkout master

git merge Feature1

# Resolve any conflicts, then commit

git commit -m "Merge Feature1 into master"

1. **Merge Feature2 into master**:

git merge Feature2

# Resolve any conflicts, then commit

git commit -m "Merge Feature2 into master"

**5. Push All the Branches to GitHub**

1. **Push master to GitHub**:

git push origin master

1. **Push Feature1 and Feature2 branches to GitHub**:

git push origin Feature1

git push origin Feature2