

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
```

2. **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"
```

3. **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"
```

2. **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

2. Push Feature1 and Feature2 branches to GitHub:

git push origin Feature1

git push origin Feature2