**Step-by-Step Guide to Create a New Branch and Merge with Master Branch**

**1. Create a New Branch:**

Open your terminal, navigate to your Git repository, and create a new branch named your\_branch\_name:

**git checkout -b your\_branch\_name**

**2. Make Your Changes:**

Edit your files and make the necessary changes in the new branch.

**3. Commit Your Changes:**

Stage and commit your changes with a descriptive message:

**git add .**

**git commit -m "Your commit message"**

**4. Switch Back to Master Branch:**

Switch back to the master branch:

**git checkout master**

**5. Merge Your Branch into Master:**

Merge the changes from your\_branch\_name into the master branch:

**git merge your\_branch\_name**

- If there are merge conflicts, resolve them manually, stage the resolved files, and commit the resolution.

**6. Push Your Changes:**

Push the merged master branch to the remote repository:

**git push origin master**