

Peer-Exercise : Exercise 4: Collaborative Styling Update with Branches (1)

Exercise :

Continuing with your partner from Exercise 3, your task is to enhance the styling of your event website. Each of you will make different style changes on separate branches. Once done, you'll merge these branches into the `master` branch.

Steps to Complete the Exercise:

1. Ensure You're On the Correct Branch

- In your terminal, while you're in your project folder, make sure you're on the `master` branch by typing `git checkout master`.

2. Create a New Branch

- Each of you should create a new branch in your local repository. For instance, one could run `git checkout -b header-update` and the other `git checkout -b footer-update`. This will create two new branches and automatically switch you to them.

3. Make Your Changes

- Each of you should make distinct style changes to your website on your respective branches. For example, one could update the header styles while the other updates the footer styles in the CSS file.

4. Stage and Commit Your Changes

- After making your changes, type `git status` in the terminal to see the modified files.
- Stage your changes with `git add .`, then commit them with `git commit -m "Descriptive commit message"`. Make sure the message accurately describes your changes.

5. Pull and Push Your Changes

- Before pushing your changes, pull the latest changes from GitLab using `git pull`.
- Push your branch and its changes to GitLab with `git push -u origin branch-name`.

6. Merge Your Changes

- One team member should checkout to `master` branch using `git checkout master`.
- From the `master` branch, merge each of the branches using `git merge branch-name`.
- If there are merge conflicts, work together to resolve them by editing the conflicted files, then stage and commit the resolved files.
- Once all conflicts are resolved and all branches are merged, push the final changes to GitLab using `git push`.

7. Check Your Work

- Go to your GitLab account and navigate to your "event-website" repository. You should be able to switch between branches and see the different styles on each. On the `master` branch, the changes from both branches should be present.