

Your grade: 97.50%

Your latest: 97.50% • Your highest: 97.50% • To pass you need at least 80%. We keep your highest score.

[Next item →](#)

This graded quiz assesses your understanding of the concepts and procedures covered in the lab you just completed. Please answer the questions based on the activities you performed in the lab.

Note:

- You can refer to your completed lab for help with the quiz.
- In order to complete this quiz, you must have completed the lab before it.

1. Why is it important to push your local changes to the main project? Select all that apply.

1 / 1 point

- ☐ It is a requirement of the GitHub workflow.
- ☒ It helps you avoid tracking divergent lines of development.

✓ Correct

- ☒ It ensures everyone is pulling from the same source material.

✓ Correct

- ☒ It allows you to coordinate work with teammates.

✓ Correct

2. What does git status do in the context of a merge conflict?

1 / 1 point

- ☐ It discards the merge and reverts to the previous commit.
- ☐ It merges the changes without resolving the conflicts.
- ☐ It automatically resolves merge conflicts.
- ☒ It shows the files with merge conflicts.

✓ Correct

3. What are the best practices for writing a commit message? Select all that apply.

0.8 / 1 point

- ☐ Include an appended line that tells GitHub which issue to close.
- ☒ Format all of your commits in a consistent way.

✓ Correct

- ☒ Describe what the commit does and why it was made.

✓ Correct

- ☐ Number all of your commits to keep track of how many there are.

You didn't select all the correct answers

4. What is the primary purpose of a pull request in Git?

1 / 1 point

- ☒ To propose changes and initiate a discussion before merging them into a branch.
- ☐ To revert the changes made in a specific branch.
- ☐ To merge changes from the local branch to the remote repository without review.
- ☐ To create a new branch in the remote repository.

✓ Correct

5. What is the purpose of the "Merge" button in a Git pull request on platforms like GitHub or GitLab?

1 / 1 point

- ☒ To finalize the pull request, merge the changes into the target branch, and close the pull request.
- ☐ To revert the changes made in the pull request and restore the target branch to its previous state.

- ☐ To delete the pull request and discard all proposed changes.
- ☐ To edit the pull request description and update the proposed changes.

✔ Correct

6. You have received feedback on a pull request you created and need to make changes. What is the correct method to update your pull request?

1 / 1 point

- ☐ Create a new pull request with the changes
- ☐ Delete the pull request and start again
- ☐ Directly edit the files in the main branch
- ☒ Push the changes to your branch and they will automatically update the pull request

✔ Correct

7. What does a code review in GitHub involve?

1 / 1 point

- ☒ Evaluating the quality of the code and suggesting improvements
- ☐ Reviewing the comments written in the code
- ☐ Checking the code for any potential security vulnerabilities
- ☐ Critiquing the coding style of another developer

✔ Correct

8. You're reviewing a colleague's code on GitHub and you find a significant issue. What is the best way to provide feedback?

1 / 1 point

- ☐ Directly commit a fix to the code without discussing
- ☐ Ignore the issue since it's not your code
- ☒ Leave a comment on the code with a respectful, constructive suggestion
- ☐ Email the colleague privately about the issue

✔ Correct

9. What does it mean when a GitHub pull request has a green 'Merged' badge?

1 / 1 point

- ☐ The pull request has been approved but not yet merged
- ☐ The pull request has no conflicts with the base branch
- ☐ The pull request has been declined
- ☒ The pull request has been merged into the base branch

✔ Correct

10. What happens when you fork a repository?

1 / 1 point

- ☐ The original repository is deleted.
- ☐ The original repository is moved to your GitHub account.
- ☒ A duplicate of the original repository is created in your GitHub account.
- ☐ A new branch is created in the original repository.

✔ Correct