Practice Quiz: Branching & Merging

Congratulations! You passed!
Grade received 100%
To pass 80% or higher

1.

Question 1

When we merge two branches, one of two algorithms is used. If the branches have *diverged*, which algorithm is used?

1 / 1 point

three-way merge

fast-forward merge

merge conflict

orphan-creating merge

Correct

Excellent! A three-way-mergeoccurs when the two commits have diverged previously, and a new commit is created.

2.

Question 2

The following code snippet represents the result of a merge conflict. Edit the code to fix the conflict and keep the version represented by the current branch.

1 / 1 point

```
1
2
3
```
Keep me!

Correct

You got it! No more conflicts here!

3.

Question 3

What command would we use to throw away a merge, and start over?

1 / 1 point

git checkout -b <branch>

git merge --abort

git log --graph --oneline

git branch -D <name>

Correct

Right on! If there are merge conflicts, the --abort flag can be used to abort the merge action.

4.

Question 4

How do we display a summarized view of the commit history for a repo, showing one line per commit?

1 / 1 point

git log --format=short

git branch -D <name>

git log --graph --oneline

git checkout -b <branch>

Correct

Awesome! The commandgit log --graph --oneline shows a summarized view of the commit history for a repo.

5.

Question 5

The following script contains the result of a merge conflict. Edit the code to fix the conflict, so that both versions are included.

1 / 1 point
```
1
2
3
4
```

```
Start of program>>>>>>>
End of program!
Start of program>>>>>>>
End of program!
None
```

Correct
Great work! Now the code has both versions without any

conflicts!