GIT - TAREA

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1.

2.

3.

Git command review

For each action, type the name of the corresponding Git command.

- Compare two commits, printing each line that is present in one commit but not the other.
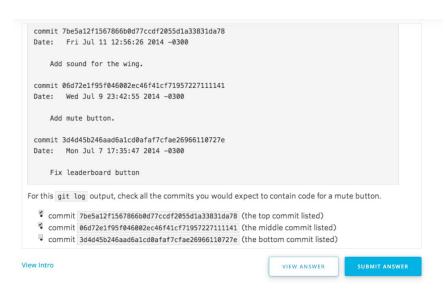
  `git diff`

- Make a copy of an entire Git repository, including the history, onto your own computer.

  `git clone`

- Temporarily reset all files in a repository to their state at the time of a specific commit.

  `git checkout`

- Show the commits made in a repository, starting with the most recent.

  `git log`

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4.

```
commit 7be5a12f1567866b0d77ccdf2055d1a33831da78
Date:   Fri Jul 11 12:56:26 2014 -0300

    Add sound for the wing.

commit 06d72e1f95f046002ec46f41cf71957227111141
Date:   Wed Jul 9 23:42:55 2014 -0300

    Add mute button.

commit 3d4d45b246aad6a1cd0afaf7cfae26966110727e
Date:   Mon Jul 7 17:35:47 2014 -0300

    Fix leaderboard button
```

For this `git log` output, check all the commits you would expect to contain code for a mute button.

- ☑ commit `7be5a12f1567866b0d77ccdf2055d1a33831da78` (the top commit listed)
- ☑ commit `06d72e1f95f046002ec46f41cf71957227111141` (the middle commit listed)
- ☐ commit `3d4d45b246aad6a1cd0afaf7cfae26966110727e` (the bottom commit listed)

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```
commit 7be5a12f1567866b0d77ccdf2055d1a33831da78
Date:   Fri Jul 11 12:56:26 2014 -0300

    Add sound for the wing.

commit 06d72e1f95f046002ec46f41cf71957227111141
Date:   Wed Jul 9 23:42:55 2014 -0300

    Add mute button.

commit 3d4d45b246aad6a1cd0afaf7cfae26966110727e
Date:   Mon Jul 7 17:35:47 2014 -0300

    Fix leaderboard button
```
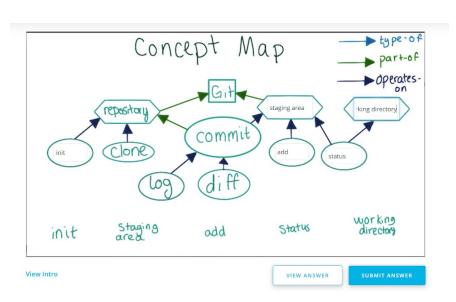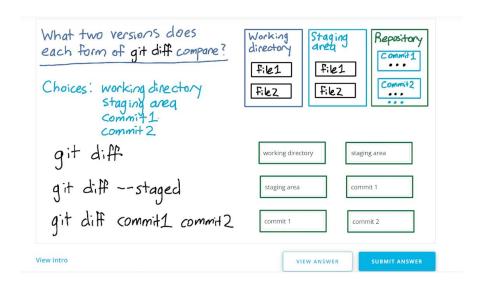
Select the command for which the mute button code lines would be shown as additions.

- ○ `git diff 7be5a1 06d72e`
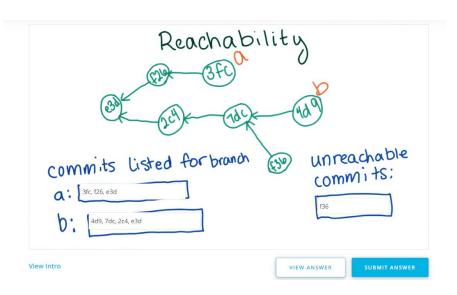- ○ `git diff 06d72e 7be5a1`
- ○ `git diff 06d72e 3d4d45`
- ◉ `git diff 3d4d45 06d72e`

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Behavior of git checkout

Select when each statement would be true.

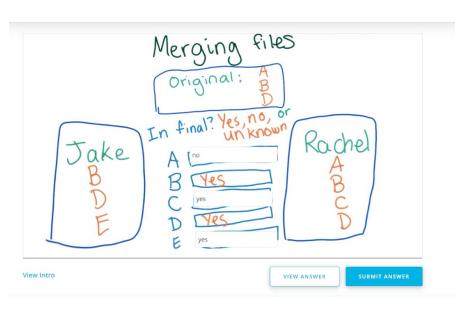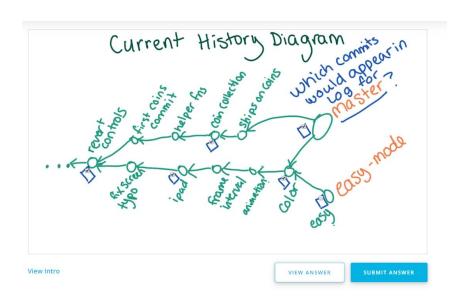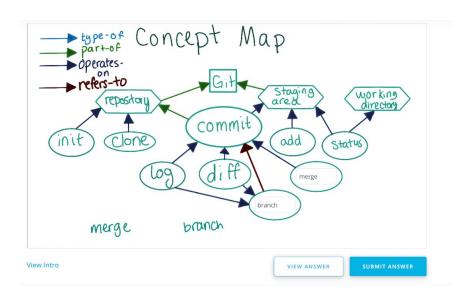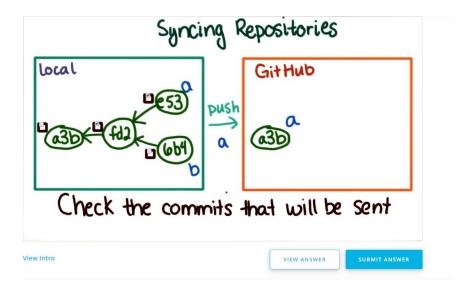|	Never true	Sometimes true	Always true
Checking out an earlier commit will change the state of at least one file.	○	◉	○
Checking out an earlier commit will change the state of more than one file.	○	◉	○
Checking out an earlier commit will change the state of every file in the repository.	○	◉	○
After checking out a commit, the state of all the files in the repository will be from the same point in time.	○	○	◉

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What two versions does each form of git diff compare?

Working directory: file1, file2

Staging area: file1, file2

Repository: Commit 1 ..., Commit 2 ...

Choices: working directory, staging area, commit 1, commit 2

git diff
  working directory   staging area

git diff --staged
  staging area   commit 1

git diff commit1 commit2
  commit 1   commit 2

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9.

Reachability

f26 ← 3fc (a)

e3d ← f26

e3d ← 2c4 ← 7dc ← 4d9 (b)

f36 → 7dc

commits listed for branch
a: 3fc, f26, e3d
b: 4d9, 7dc, 2c4, e3d

unreachable commits:
f36

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Current History Diagram

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Concept Map

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Syncing Repositories

local

GitHub

Check the commits that will be sent

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15.

Concept Map

type-of
part-of
operates-on
refers-to

pull   GitHub   remote   push

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16.

Clone, Branch, or Fork?

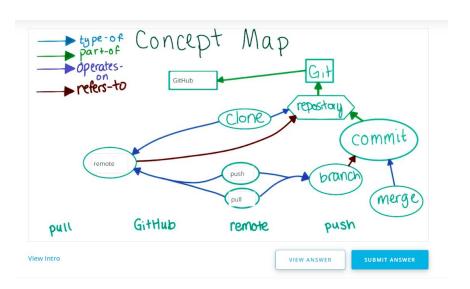VIEW ANSWER   SUBMIT ANSWER

17.
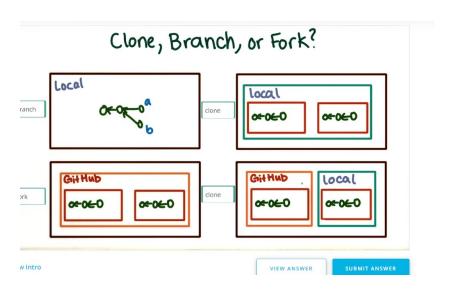
Where was your commit present?

Right before you ran `git push`, where do you think your commit adding a new recipe was present? Similarly, now that you have run `git push`, where do you think this commit is present? Check all that apply, and remember that it's possible for a commit to be present in a repository both before and after running `git push`.

	Right before running `git push`	Right after running `git push`
In your local repository (visible via `git log`)	☑	☑
On your fork (visible via the commit history on GitHub)	☐	☑
On Larry's repository (visible via the commit history on GitHub)	☐	☐

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