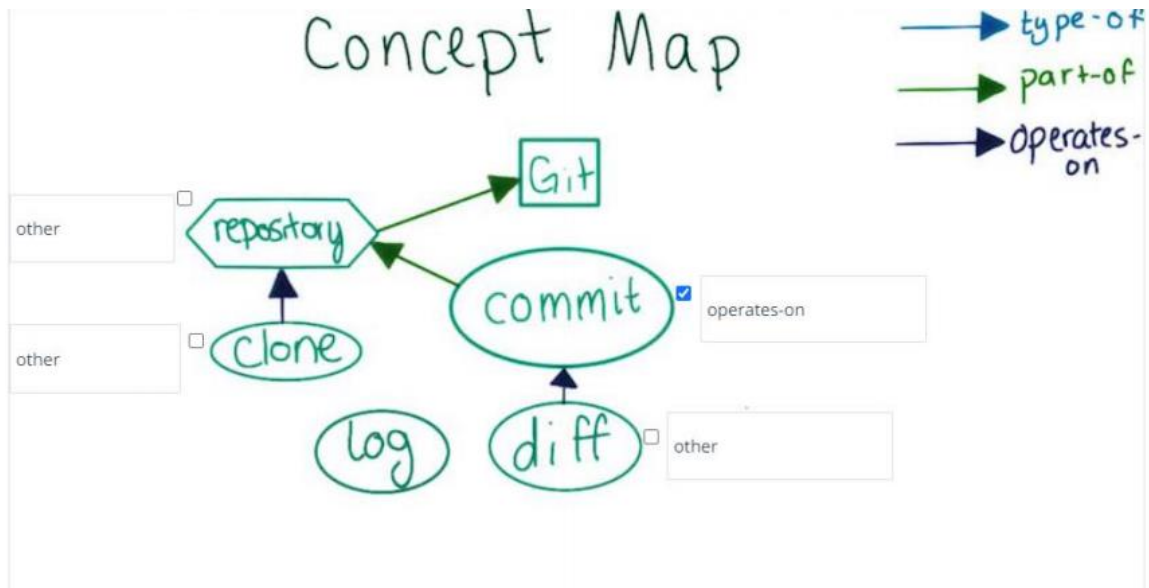


1)



3)

Original File	Output of diff -u	Final File
A	---file.txt	A
B	+++updated.txt	B
C	B	\$
D	+\$	C
E	C	#
F	-D	%
	+#	E
	+%	F
	E	

4)

## 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.

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

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

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

5)

```
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)

6)

```
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`

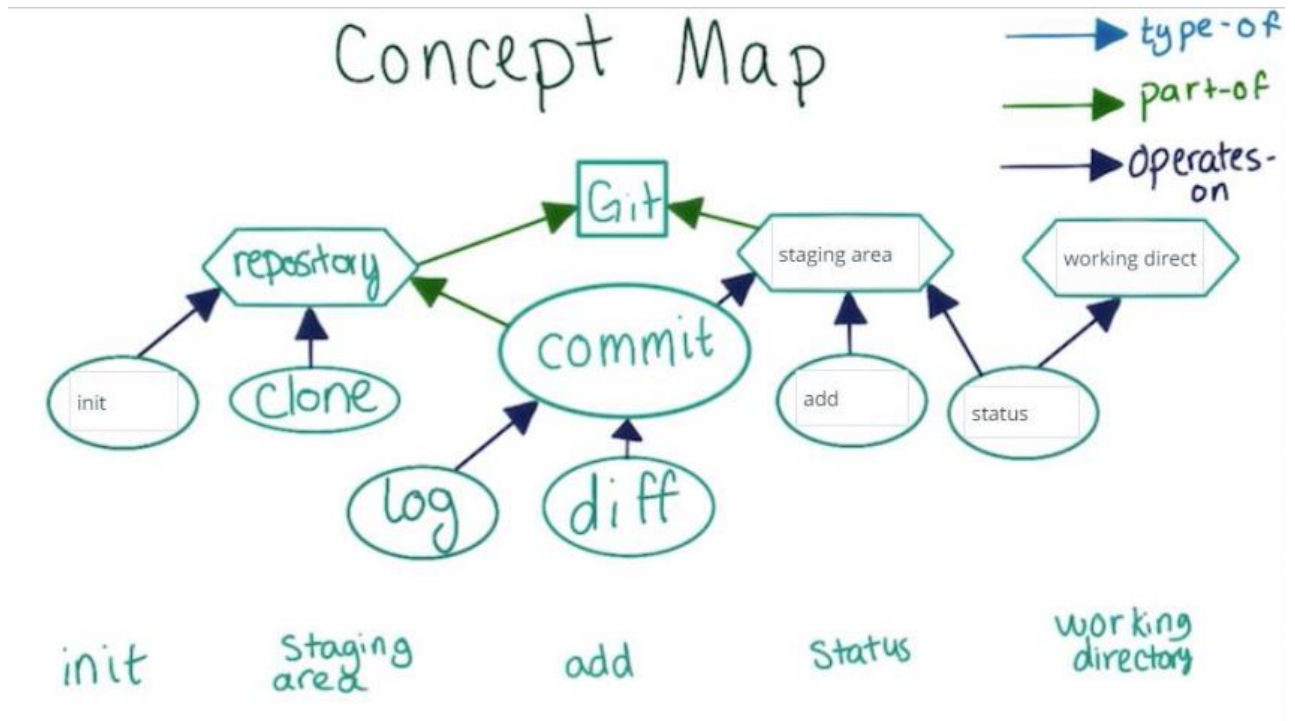
7)

### 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.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Checking out an earlier commit will change the state of more than one file.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Checking out an earlier commit will change the state of every file in the repository.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
After checking out a commit, the state of all the files in the repository will be from the same point in time.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

8)



9)

What two versions does each form of git diff compare?

Choices: working directory  
staging area  
commit 1  
commit 2

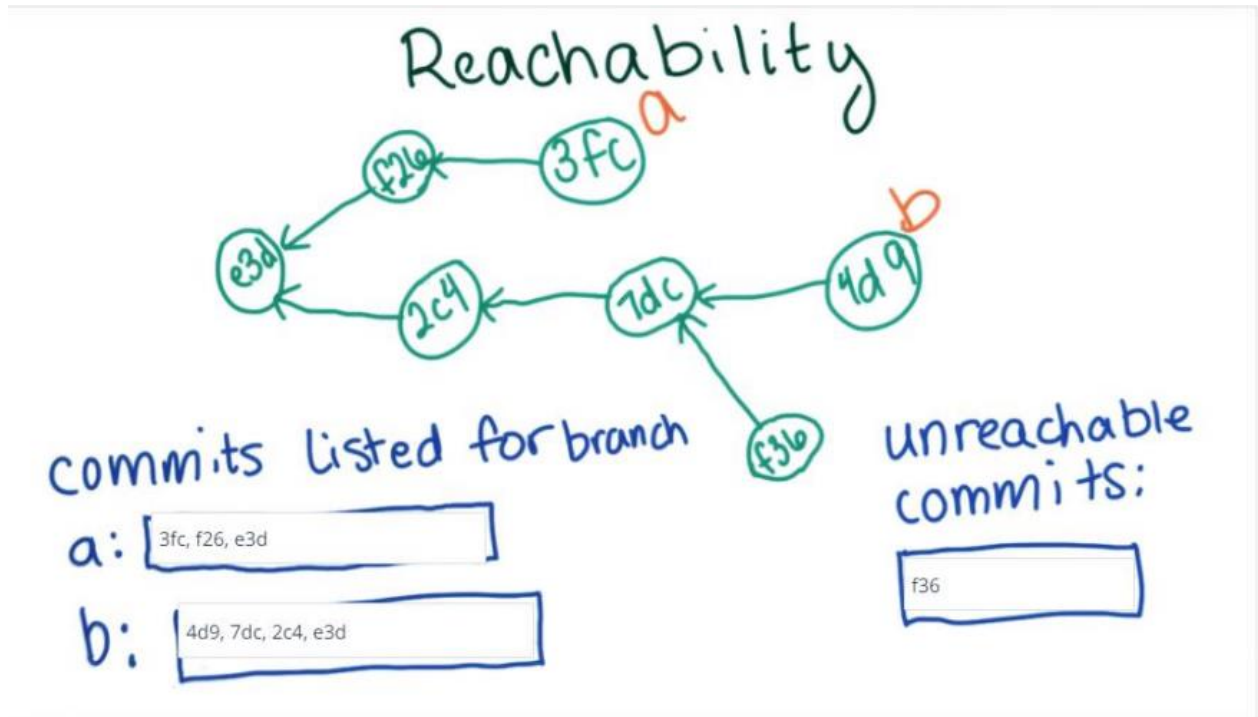
git diff

git diff --staged

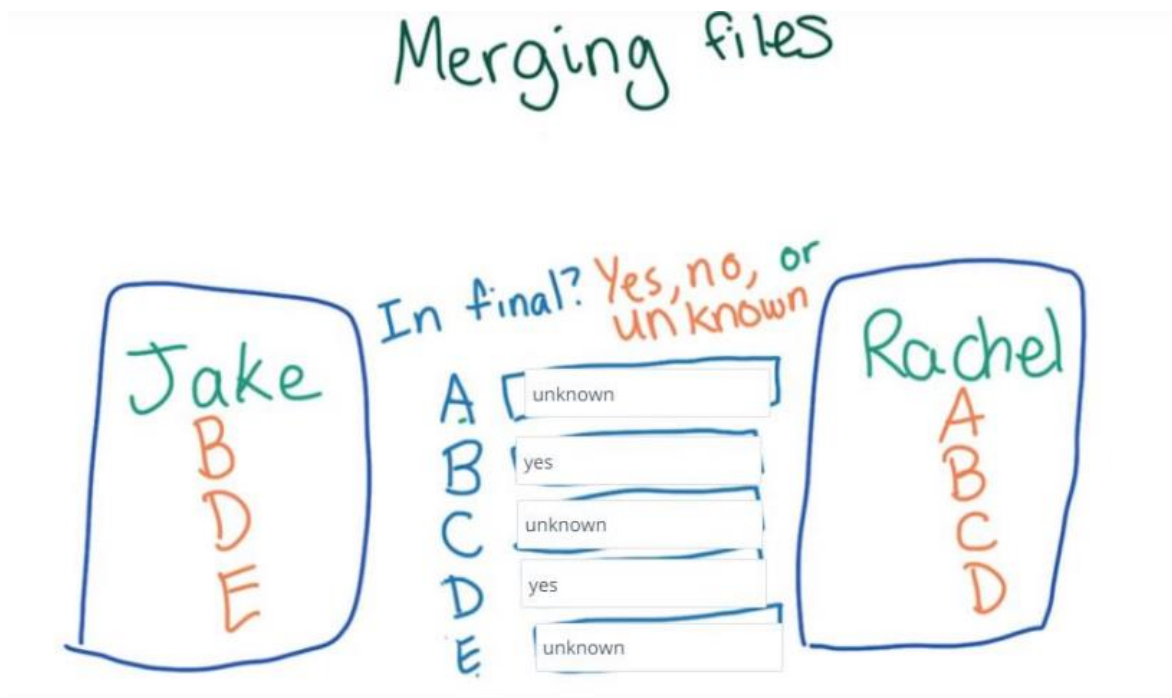
git diff commit1 commit2



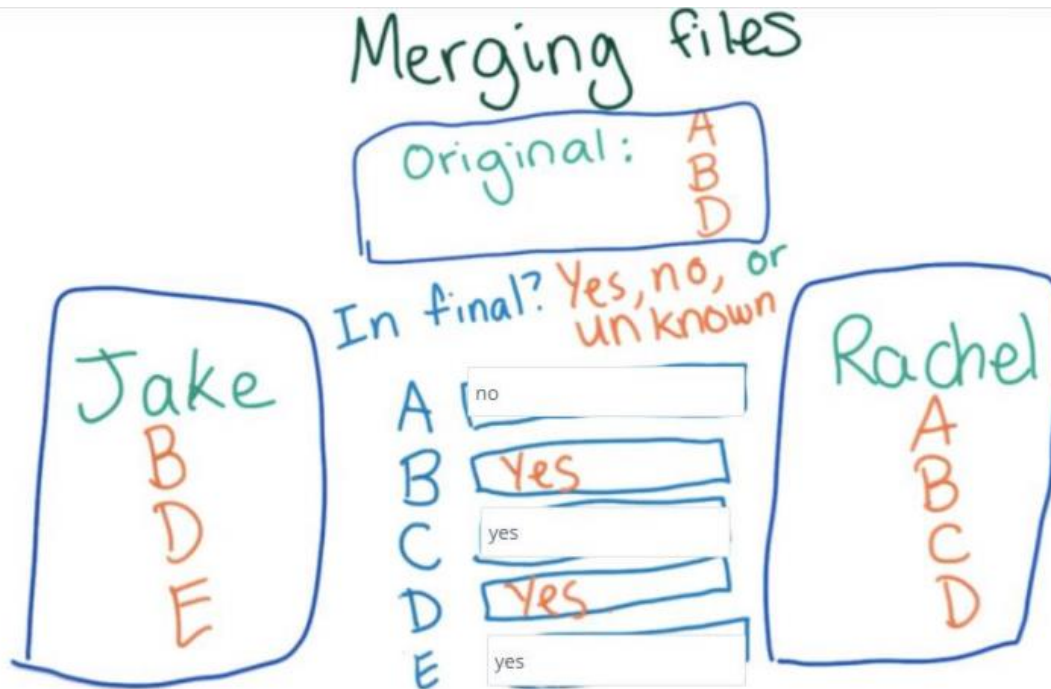
10)



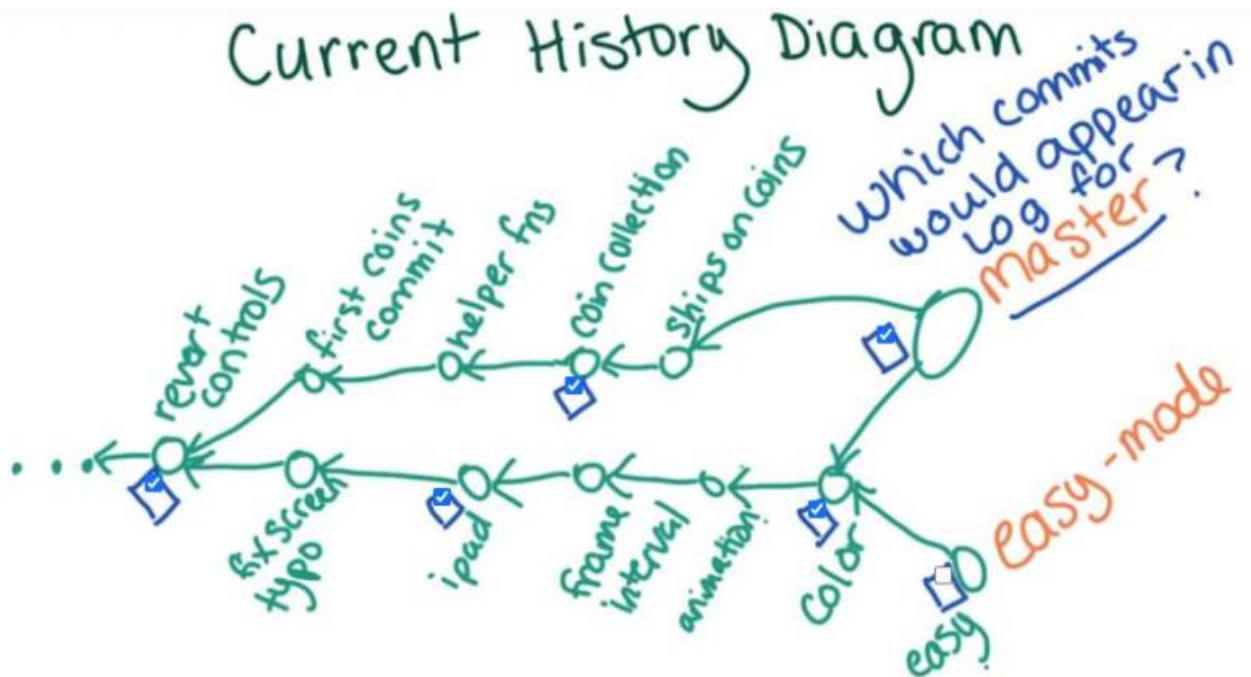
11)



12)

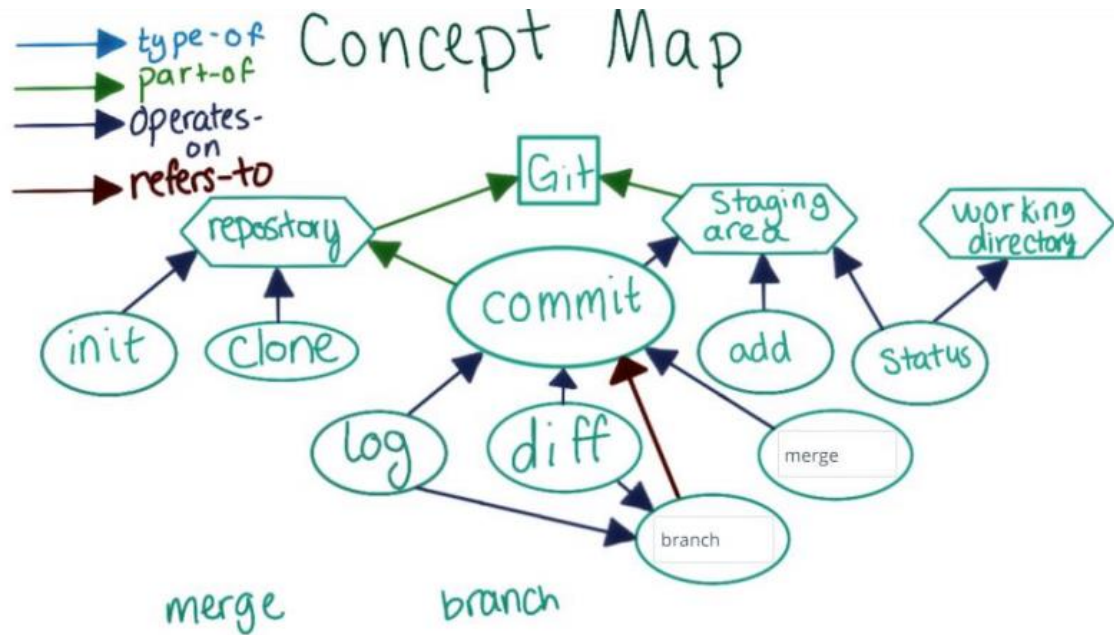


13)

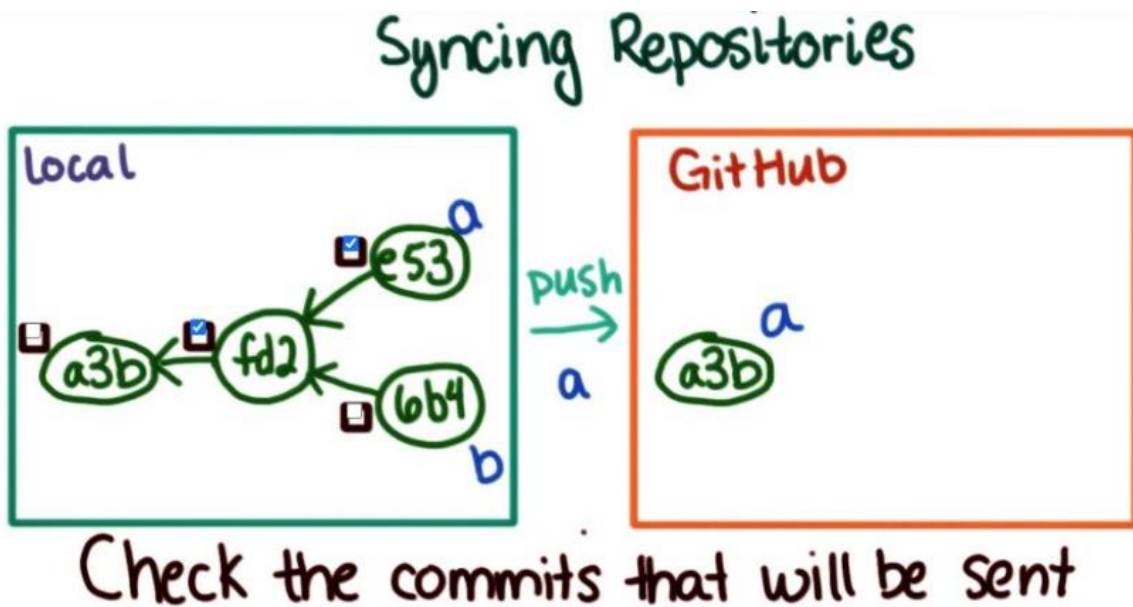




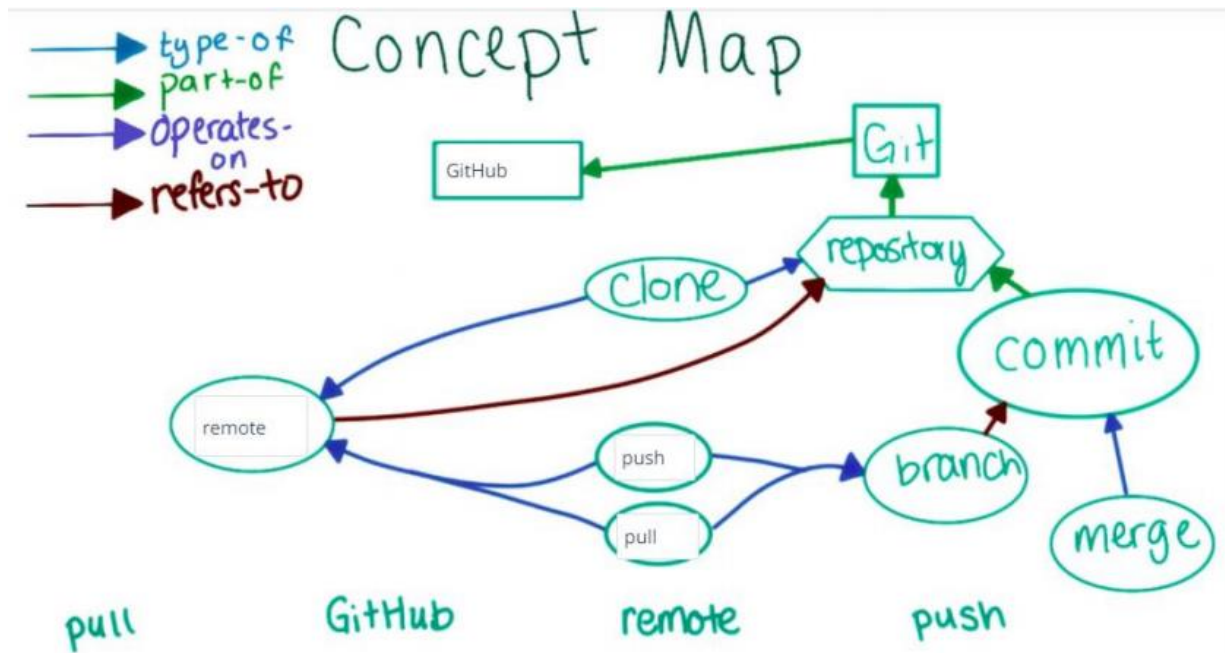
14)



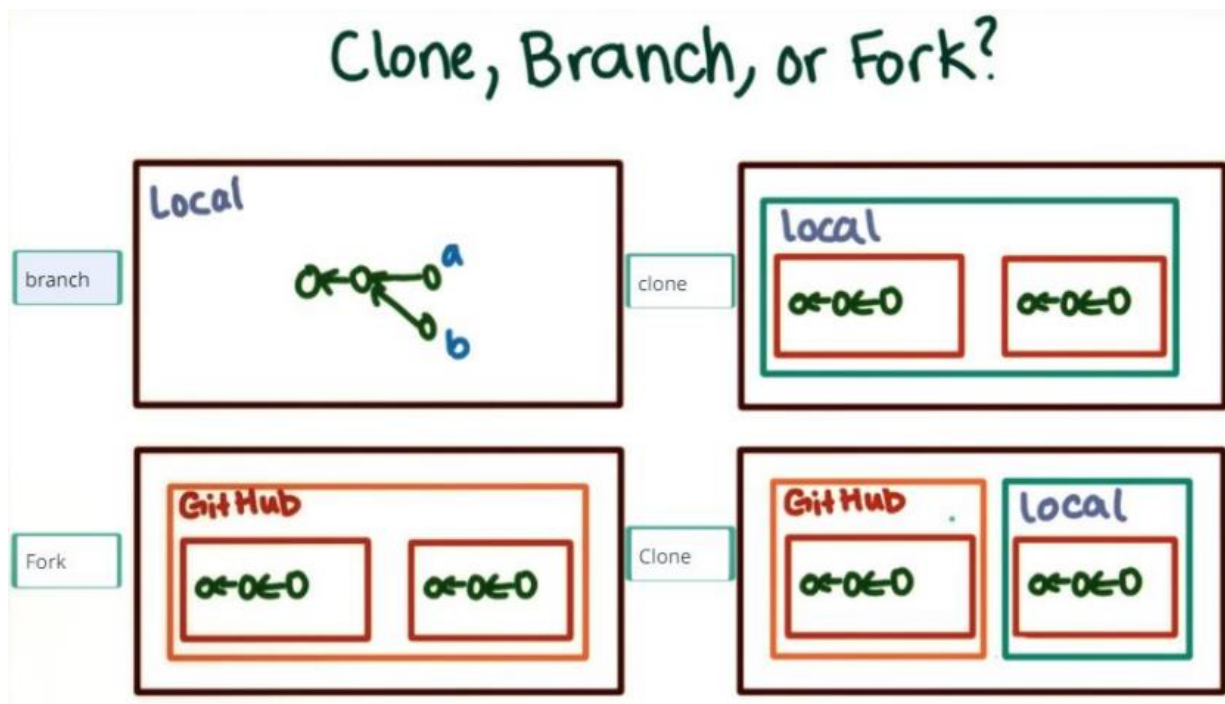
15)



16)

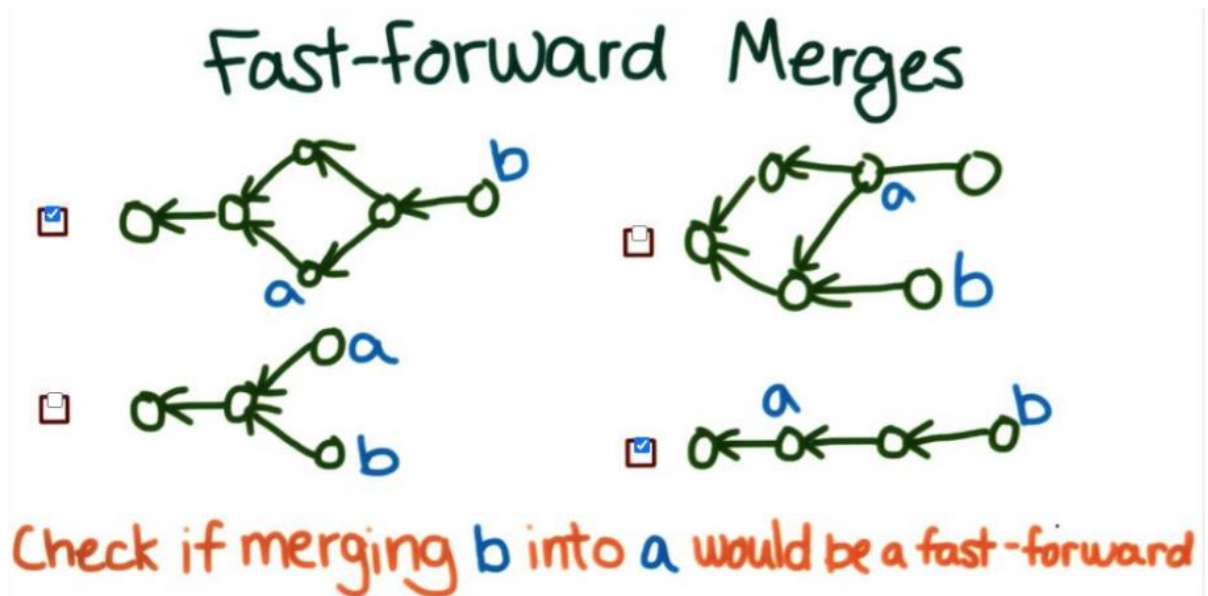


17)





18)



19)

## What gets Changed?

**Local**

Working directory b	Commit history master alt
staging area b	

origin

**GitHub**

Commit history master alt
---------------------------------

assume these commands are run with local master checked out

	Local working directory	Local staging area	Local master branch	GitHub master branch
edit and save README.md	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
git add README.md	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
git commit	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
git pull	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
origin master	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
git push	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
merge alt	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
pull request	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

20)

