Useful for remote mistakes

touch f3.txt
git add .
git commit -m "f3 added"

git log --oneline // find revert id you want to revert

git revert

git log // note f3 file is gone but log shows the commit history of the adding and the subsequent deletion of that file.

// First 7 chars is enough to uniquely identify each commit

// use git diff to see diff between repo and working copy

===

get rid of changes in file and go back to last commited copy = git checkout file.name

===

modify commit message after the fact

git commit --amend -m "new message" // this will change git history by replacing the commit with a new one

===

forgot to include a file in a commit

add the file and

git commit --amend // skip editor change if you want or you can edit it // this will change git history by replacing the commit

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bring a specific commit over to your branch

git cherry-pick // first 7 digits enough

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