

Exercises

Browsing History

- 1- Make another commit. Now you should have two commits in your repo.
- 2- Show the changes in the last 2 commits.
- 3- Show all commits made by yourself. Use the one-liner option.
- 4- Show all commits with GUI in their message.
- 5- Show all commits with changes to file1.txt. Include the number of lines added/removed.
- 6- Compare the last two commits.
- 7- Check out the commit before the last commit. Note the detached HEAD in the terminal. Check out the master branch.
- 8- Show the author of every line in file1.txt.
- 9- Create a tag (v1.0) for the last commit. Show the history using the one-liner option and note the tag you just created.
- 10- Delete the tag.

Solutions

1- Make another commit. Now you should have two commits in your repo.

git add .

git commit -m "Update file1"

2- Show the changes in the last 2 commits.

git log --patch -2

3- Show all commits made by yourself. Use the one-liner option.

git log --author="Your name" --oneline

4- Show all commits with GUI in their message.

git log --grep="GUI"

5- Show all commits with changes to file1.txt. Include the number of lines added/removed.

git log --stat file1.txt

6- Compare the last two commits.

git diff HEAD~1 HEAD

7- Check out the commit before the last commit. Note the detached HEAD in the terminal. Check out the master branch.

git checkout HEAD~1

git checkout master

8- Show the author of every line in file1.txt.

git blame file1.txt

9- Create a tag (v1.0) for the last commit. Show the history using the one-liner option and note the tag you just created.

git tag v1.0

git log --oneline

10- Delete the tag.

git tag -d v1.0