ai2-education-fiep-turma-4 / **git-katas** Public

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git-katas / **basic-branching** /

This branch is 1 commit ahead of eficode-academy:master.

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JKrag ··· on 15 Apr 2020

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setup.ps1	3 years ago
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Git Kata: Basic Branching

Setup:

1. Run `source setup.sh` (or `.\setup.ps1` in PowerShell)

The task

You again live in your own branch, this time we will be doing a bit of juggling with branches, to show how lightweight branches are in git. Hint: `git checkout` will make you switch from one branch to another.

1. Use `git branch` to see the two branches that are relevant for this exercise
2. What branch are you on?
3. Use `git branch mybranch` to create a new branch called *mybranch*

4. Use `git branch` again to see the new branch created.
5. Use `git checkout mybranch` to switch to your new branch.
6. How does the output from `git status` change when you switch between the *master* and the new branch that you have created?
7. How does the workspace change when you change between the two branches?
8. Make sure you are on your *mybranch* branch before you continue.

README.md

10. `Add` the file and `commit` with this change.
11. Use `git log --oneline --graph` to see your branch pointing to the new commit.
12. Switch back to the branch called *master*.
13. Use `git log --oneline --graph` and notice how the commit you made on the *mybranch* branch is missing on the *master* branch.
14. Make a new file called `file2.txt` and commit that file.
15. Use `git log --oneline --graph --all` to see your branch pointing to the new commit, and that the two branches now have different commits on them.
16. Switch to your branch *mybranch*.
17. What happened to your working directory? Can you see your `file2.txt` ?
18. Use `git diff mybranch master` to see the difference between the two branches.

Useful commands

- `git checkout`
- `git checkout -b`
- `git log --oneline --graph`
- `git branch`
- `git diff`