Working with branches in a single repository
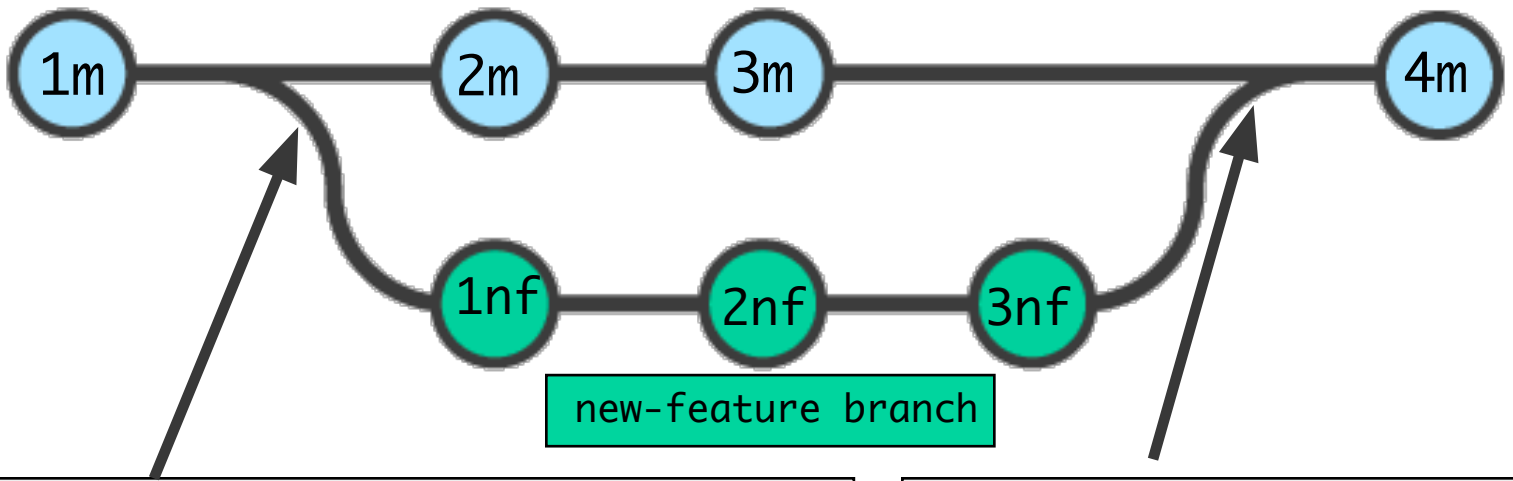
main branch

Swap between main and new-feature with checkout

1m 2m 3m 4m

1nf 2nf 3nf

new-feature branch

Create new branch called "new-feature"
git branch new-feature

Go into new-feature to work there
git checkout new-feature

Do your <add, commit, push> as usual!***

** BUT BE AWARE!
When you create a branch locally (on your computer), it does not automatically exist on github.com. This means the first time you push inside a newly created branch, git will refuse to push! The destination ("upstream") branch must exist first.
Happily, git will literally tell you the command to use to both create that branch on github.com, AND push changes. After the first time with that command, git push is smooth sailing.

be on main branch:
git checkout main

merge new-feature into main:
git merge new-feature

Time (project progression)

main branch full history after merge

1m 2m 3m 1nf 2nf 3nf 4m