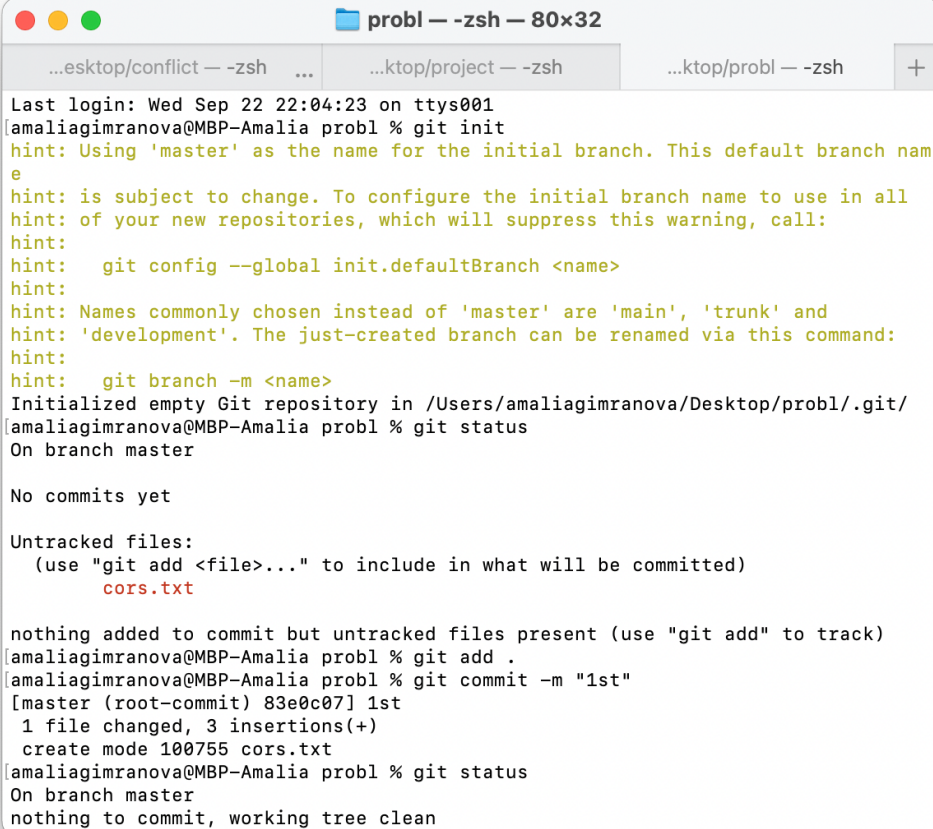


Домашняя работа от 22.09.21

1. Создан новый каталог на ветке master, добавлен новый файл с содержимым, создан коммит.



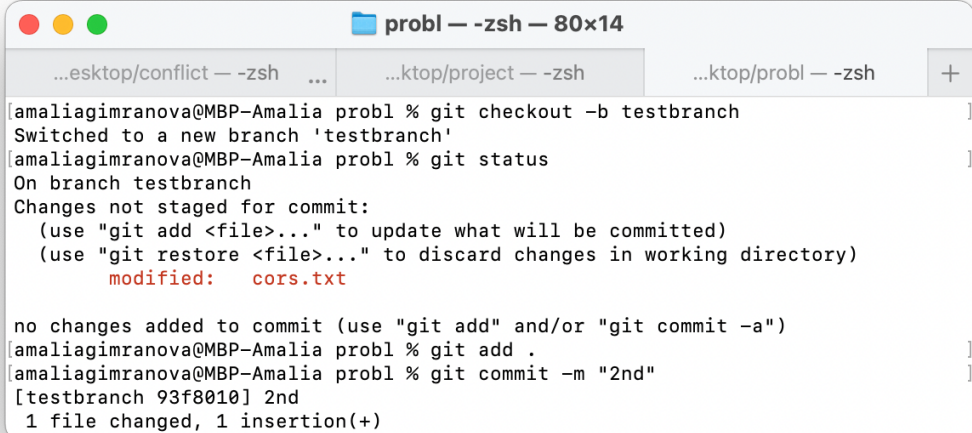
```
probl — zsh — 80x32
...esktop/conflict — zsh ...  ...ktop/project — zsh  ...ktop/probl — zsh  +
Last login: Wed Sep 22 22:04:23 on ttys001
[amaliagimranova@MBP-Amalia probl % git init
hint: Using 'master' as the name for the initial branch. This default branch nam
e
hint: is subject to change. To configure the initial branch name to use in all
hint: of your new repositories, which will suppress this warning, call:
hint:
hint:   git config --global init.defaultBranch <name>
hint:
hint: Names commonly chosen instead of 'master' are 'main', 'trunk' and
hint: 'development'. The just-created branch can be renamed via this command:
hint:
hint:   git branch -m <name>
Initialized empty Git repository in /Users/amaliagimranova/Desktop/probl/.git/
[amaliagimranova@MBP-Amalia probl % git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
      cors.txt

nothing added to commit but untracked files present (use "git add" to track)
[amaliagimranova@MBP-Amalia probl % git add .
[amaliagimranova@MBP-Amalia probl % git commit -m "1st"
[master (root-commit) 83e0c07] 1st
 1 file changed, 3 insertions(+)
   create mode 100755 cors.txt
[amaliagimranova@MBP-Amalia probl % git status
On branch master
nothing to commit, working tree clean
```

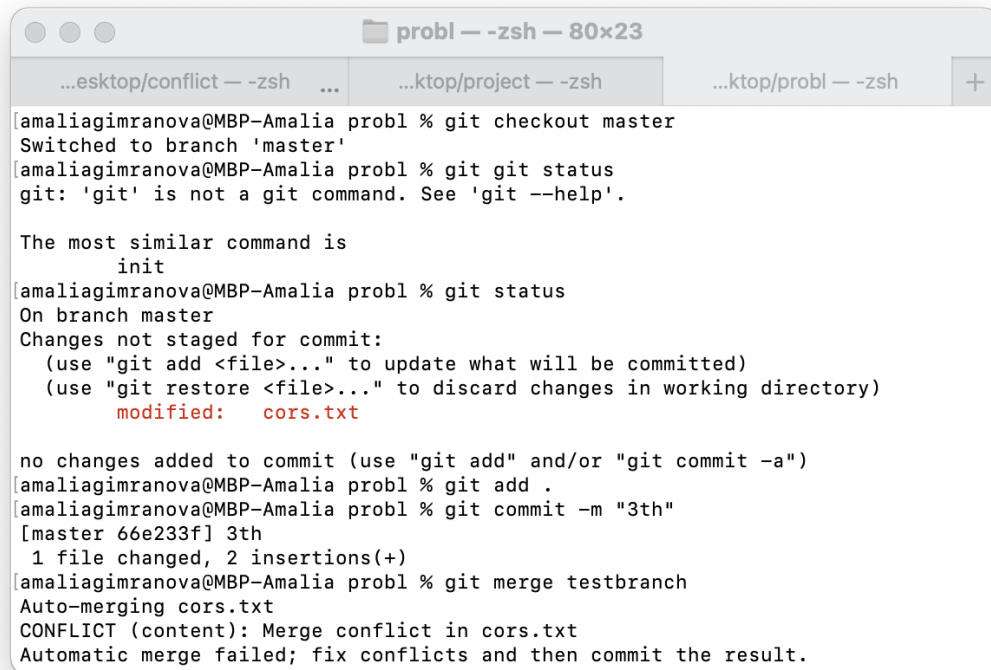
2. Создана новая ветка testbranch, на ней изменено содержание текстового файла, сделан commit.



```
probl — zsh — 80x14
...esktop/conflict — zsh ...  ...ktop/project — zsh  ...ktop/probl — zsh  +
[amaliagimranova@MBP-Amalia probl % git checkout -b testbranch
Switched to a new branch 'testbranch'
[amaliagimranova@MBP-Amalia probl % git status
On branch testbranch
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
      modified:   cors.txt

no changes added to commit (use "git add" and/or "git commit -a")
[amaliagimranova@MBP-Amalia probl % git add .
[amaliagimranova@MBP-Amalia probl % git commit -m "2nd"
[testbranch 93f8010] 2nd
 1 file changed, 1 insertion(+)
```

3. Переключение на ветку master, внесено изменение в текстовый файл, сделан коммит.
4. Попытка объединить ветку master с testbranch.

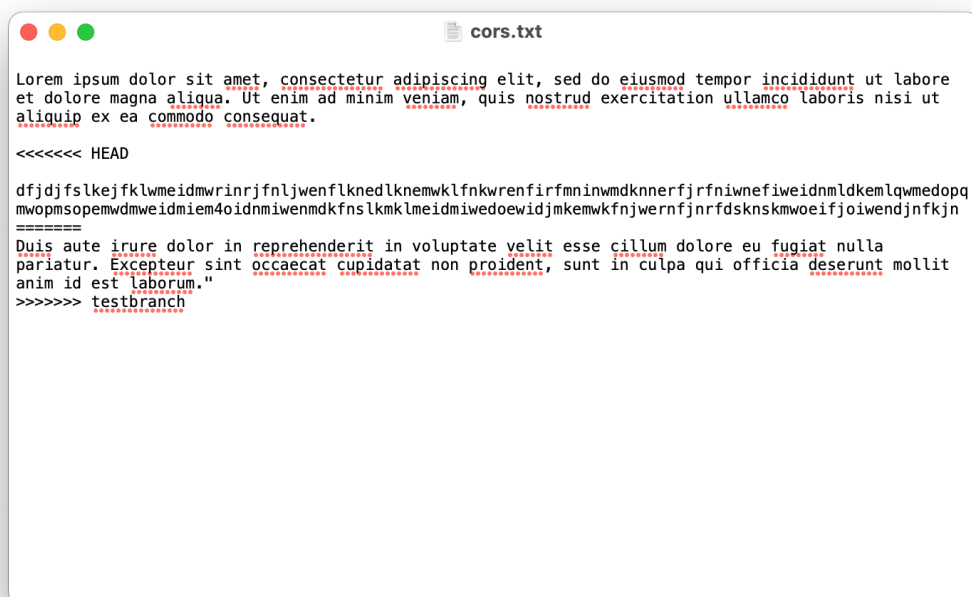


```
amaliagimranova@MBP-Amalia probl % git checkout master
Switched to branch 'master'
amaliagimranova@MBP-Amalia probl % git status
git: 'git' is not a git command. See 'git --help'.

The most similar command is
  init
amaliagimranova@MBP-Amalia probl % git status
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   cors.txt

no changes added to commit (use "git add" and/or "git commit -a")
amaliagimranova@MBP-Amalia probl % git add .
amaliagimranova@MBP-Amalia probl % git commit -m "3th"
[master 66e233f] 3th
 1 file changed, 2 insertions(+)
amaliagimranova@MBP-Amalia probl % git merge testbranch
Auto-merging cors.txt
CONFLICT (content): Merge conflict in cors.txt
Automatic merge failed; fix conflicts and then commit the result.
```

5. Столкновение с ошибкой: «CONFLICT (content): Merge conflict in cors.txt»
6. Конфликт слияния произошел из-за разного содержимого в одном файле на ветках. В самом файле конфликт также отмечен гитом маркерами:



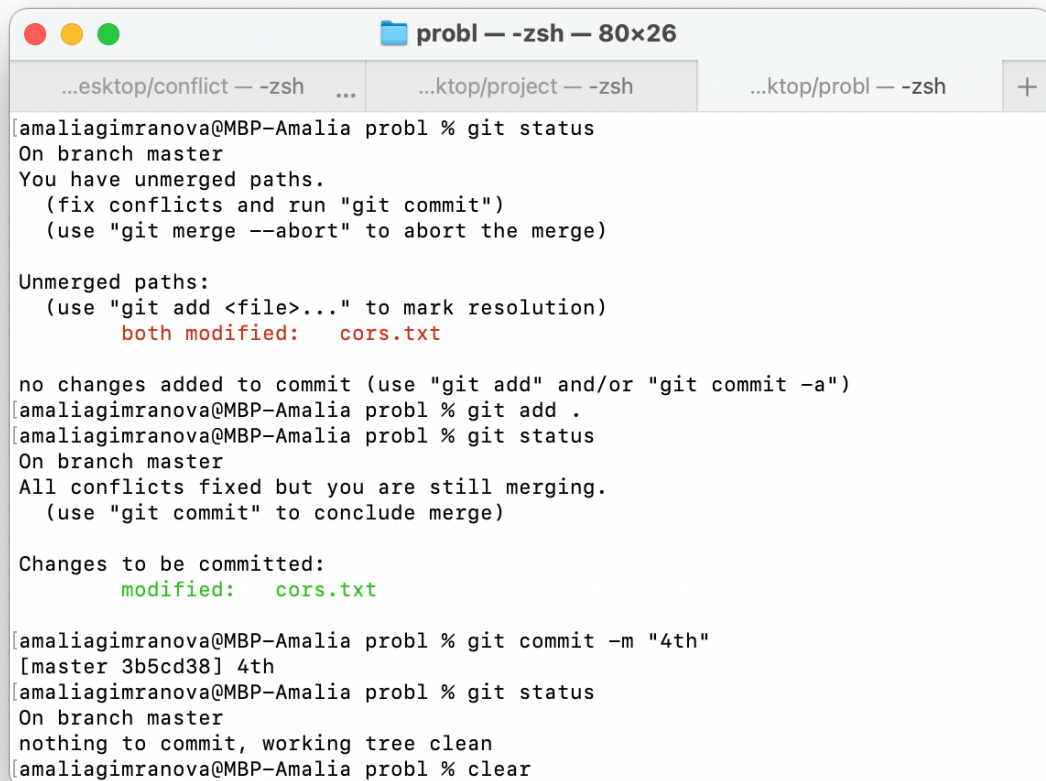
```
cors.txt

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore
et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut
aliquip ex ea commodo consequat.

<<<<<< HEAD
dfjdjfskfejklwmeidmrjrnjfnljwenflknedlknemwklfnkwrenfirfminwmdknnerfjrfniwnefiweidnldkmlqwmmedopq
mwopmsopemwdmweidmiem4oidnmiwenmdkfnslkmklmeidmiwedoewidjmkemwknjwernfjnrfdsknsmwoeifjoiwendjnfkjin
=====
Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla
pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit
anim id est laborum."
>>>>>> testbranch
```

7. Между «<<<< HEAD» и «====» расположена версия содержимого из ветки master, на которой мы были в момент слияния, ниже представлена версия из testbranch, с которой происходило слияние.

Для устранения конфликта файл был окончательно отредактирован вручную и окончательно закоммитен



```
amaliagimranova@MBP-Amalia probl % git status
On branch master
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
        both modified:   cors.txt

no changes added to commit (use "git add" and/or "git commit -a")
amaliagimranova@MBP-Amalia probl % git add .
amaliagimranova@MBP-Amalia probl % git status
On branch master
All conflicts fixed but you are still merging.
  (use "git commit" to conclude merge)

Changes to be committed:
        modified:   cors.txt

amaliagimranova@MBP-Amalia probl % git commit -m "4th"
[master 3b5cd38] 4th
amaliagimranova@MBP-Amalia probl % git status
On branch master
nothing to commit, working tree clean
amaliagimranova@MBP-Amalia probl % clear
```