2. Отчет по лабораторной работе оформить в виде документа в MS Word.

3. Создайте (branch) новую ветку, например, test и переключитесь (checkout) в нее.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr9\_1/.git (GIT\_DIR!)

$ git branch test

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git branch

\* master

test

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git checkout test

Switched to branch 'test'

D Hello.txt

4. Куда указывает HEAD?

В результате выполнения команды указатель HEAD сдвигается на ветку test.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git log

commit a01d5c79171279876fddbef62888586fac56f5f8 (HEAD -> test, master)

Author: Polina <polinaglushenya@gmail.com>

Date: Sun Nov 28 22:28:39 2021 +0300

added gitignore.txt to the repo

5. Просмотрите содержимое всех файлов в папке проекта, с которыми вы работали.

6. Создайте новый текстовый файл test.html и зафиксируйте его (commit).

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git add test.html

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git commit -m "added file test.html"

[test 7ab47d8] added file test.html

1 file changed, 1 insertion(+)

create mode 100644 test.html

7. Просмотрите список всех веток и определите текущую ветку.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git branch

master

\* test

8. Выполните слияние (merge) веток.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git checkout master

Switched to branch 'master'

D Hello.txt

D gitignore.txt

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git merge test

Updating a01d5c7..7ab47d8

Fast-forward

test.html | 1 +

1 file changed, 1 insertion(+)

create mode 100644 test.html

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git status

On branch master

Changes not staged for commit:

(use "git add/rm <file>..." to update what will be committed)

(use "git restore <file>..." to discard changes in working directory)

deleted: Hello.txt

deleted: gitignore.txt

no changes added to commit (use "git add" and/or "git commit -a")

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git log

commit 7ab47d8f0392b41f732c85aff375dc7a9d9b1741 (HEAD -> master, test)

Author: Polina <polinaglushenya@gmail.com>

Date: Sun Nov 28 23:24:28 2021 +0300

added file test.html

commit a01d5c79171279876fddbef62888586fac56f5f8

9. По очереди отредактируйте файл test.html в ветках master и test. Выполните commit. Выполните слияние в одной и второй ветках. Разрешите ситуацию конфликта слияний.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10\_1 (master)

$ 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: test.html

no changes added to commit (use "git add" and/or "git commit -a")

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10\_1 (test)

$ git status

On branch test

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: test.html

no changes added to commit (use "git add" and/or "git commit -a")

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git merge master

error: Your local changes to the following files would be overwritten by merge:

test.html

Please commit your changes or stash them before you merge.

Aborting

Updating d46d732..7a9d92f

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (test)

$ git merge master

Auto-merging test.html

CONFLICT (content): Merge conflict in test.html

Automatic merge failed; fix conflicts and then commit the result.

полина@DESKTOP-QN27RT1 MINGW64 /e/1yniver/ОПИ/lr10 (master)

$ git merge test

Updating a01d5c7..7ab47d8

Fast-forward

test.html | 1 +

1 file changed, 1 insertion(+)

create mode 100644 test.html

10.Научитесь пользоваться командами Git для работы с ветками.