

Ульяновский государственный технический университет  
Дисциплина «Математика и информационные технологии»

Лабораторная работа №5.  
Работа с внешними программами

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Лбд-21

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## Лабораторная работа №5

1. Создала ветку «test» и переключилась на нее.

```
C:\Users\rina\my_lab>git log
commit 66ecc395ab0102ba693d3dc57e53399df75490d8 (HEAD -> master, origin/master)
Author: Arina <arinamongd@mail.ru>
Date: Thu Oct 28 13:27:22 2021 +0400

    new commit

commit 0187b96081de59f925b9947faab0c7a9d62ab082
Author: Arina <arinamongd@mail.ru>
Date: Thu Oct 28 09:45:31 2021 +0400

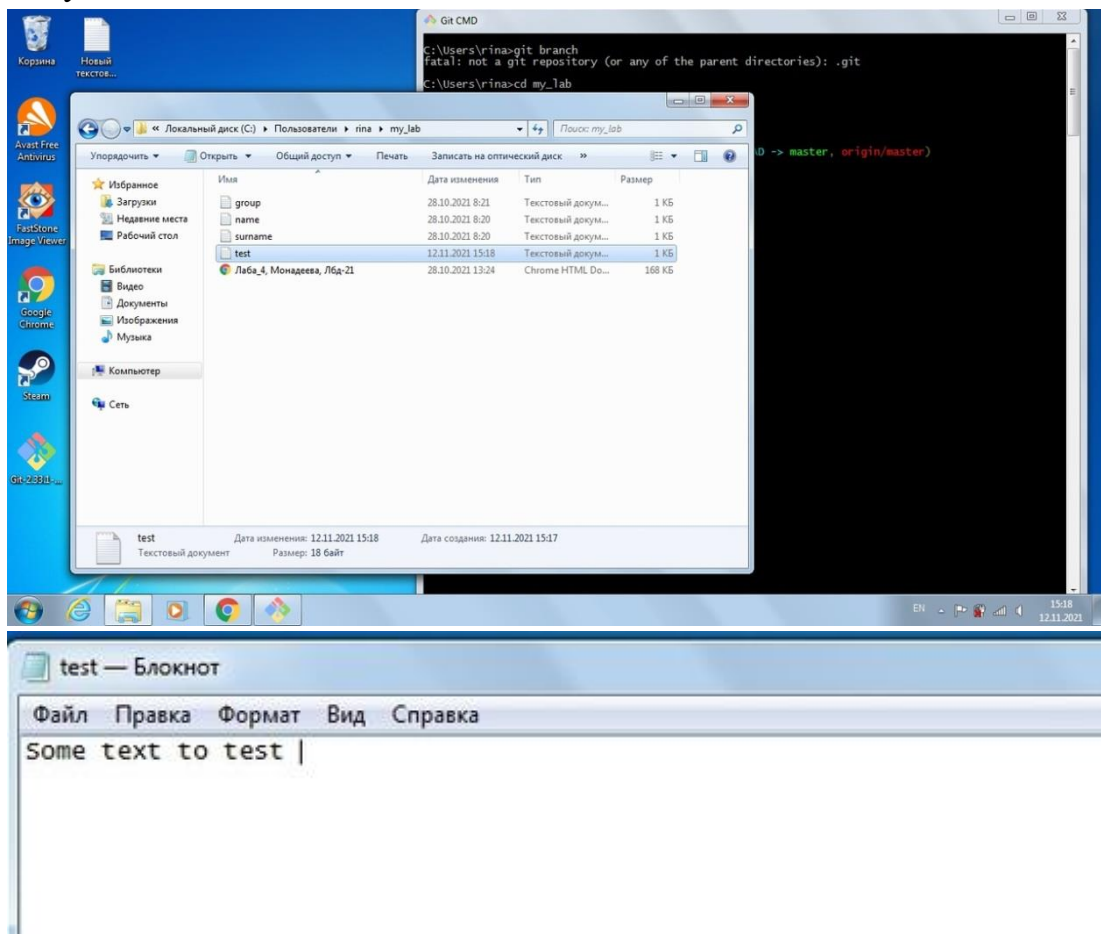
    new commit

commit b12c86b707f6aa4fae5258b05391514c9db53700
Author: Arina <arinamongd@mail.ru>
Date: Thu Oct 28 08:23:05 2021 +0400

    my first commit

C:\Users\rina\my_lab>git checkout -b test
Switched to a new branch 'test'
```

2. Сделала изменения в папке my\_lab: добавила документ «test». В документ добавила текст.



3. Сделала коммит.

```
C:\Users\rina\my_lab>git add .

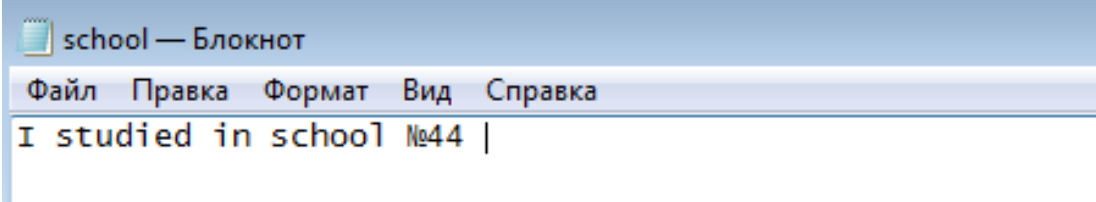
C:\Users\rina\my_lab>git commit -m "changes in new branch"
[test 2f2d1b8] changes in new branch
1 file changed, 1 insertion(+)
create mode 100644 test.txt

C:\Users\rina\my_lab>
```

4. Создала вторую ветку «onemore».

```
C:\Users\rina\my_lab>git checkout -b onemore
Switched to a new branch 'onemore'
```

5. Сделала изменения в папке my\_lab: добавила документ «school», добавила текст.



6. Сделала коммит.

```
C:\Users\rina\my_lab>git checkout -b onemore
Switched to a new branch 'onemore'

C:\Users\rina\my_lab>git add .

C:\Users\rina\my_lab>git commit -m "changes in branch onemore"
[onemore 71dd81e] changes in branch onemore
1 file changed, 1 insertion(+)
create mode 100644 school.txt

C:\Users\rina\my_lab>
```

7. Слила изменения ветки onemore с веткой master. Удалила ветку onemore.

```
C:\Users\rina\my_lab>git checkout master
Switched to branch 'master'
Your branch is up to date with 'origin/master'.

C:\Users\rina\my_lab>git merge onemore
Updating 66ecc39..71dd81e
Fast-forward
 school.txt | 1 +
 test.txt   | 1 +
 2 files changed, 2 insertions(+)
 create mode 100644 school.txt
 create mode 100644 test.txt

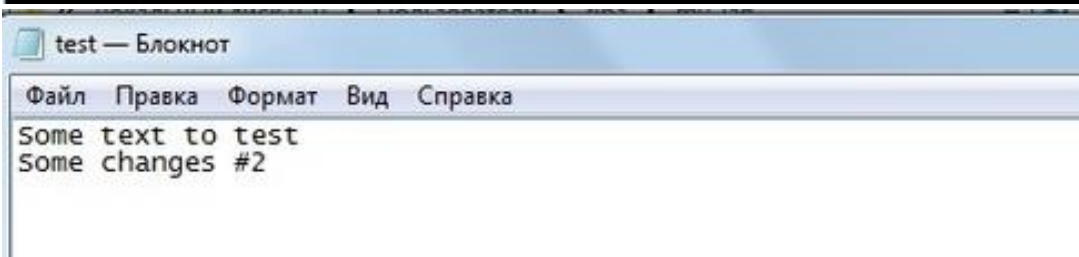
C:\Users\rina\my_lab>
```

8. Переключилась на ветку test, сделала в ней изменения, закомитила.

```
C:\Users\rina\my_lab>git checkout test
Switched to branch 'test'
M       test.txt

C:\Users\rina\my_lab>git add .

C:\Users\rina\my_lab>git commit -m "changes in branch test"
[test 7635102] changes in branch test
1 file changed, 2 insertions(+), 1 deletion(-)
```



9. Переключилась на ветку master. Слила ветки, закоммитила, запушила.

```
C:\Users\rina\my_lab>git checkout master
Switched to branch 'master'
Your branch is ahead of 'origin/master' by 2 commits.
(use "git push" to publish your local commits)

C:\Users\rina\my_lab>git merge test
Merge made by the 'recursive' strategy.
 test.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

C:\Users\rina\my_lab>git push -u origin master
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 2 threads
Compressing objects: 100% (8/8), done.
Writing objects: 100% (11/11), 893 bytes | 297.00 KiB/s, done.
Total 11 (delta 5), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (5/5), completed with 1 local object.
To https://github.com/aRinaMon/laba4.git
 66ecc39..cc8746b master -> master
Branch 'master' set up to track remote branch 'master' from 'origin'.
```

10.

|  |                           |             |                               |
|--|---------------------------|-------------|-------------------------------|
| This branch is 7 commits ahead, 3 commits behind main. |                           |             | Contribute                    |
| aRinaMon Merge branch 'test'                           |                           |             | cc8746b 3 hours ago 7 commits |
| group.txt  | my first commit           | 15 days ago |                               |
| name.txt   | my first commit           | 15 days ago |                               |
| school.txt   | changes in branch onemore | 3 hours ago |                               |
| surname.txt  | my first commit           | 15 days ago |                               |
| test.txt   | changes in branch test    | 3 hours ago |                               |
| Лаба_4, Монадеева, Лбд-21.pdf                          | new commit                | 15 days ago |                               |

## Схема коммитов

