L1
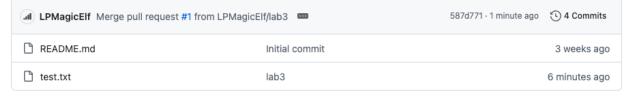
```
[(base) evgenij@VelmozhinMac lab4 % git clone https://github.com/LPMagicElf/OR_Ve]
lmozhin.git
Cloning into 'OR_Velmozhin'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (3/3), done.
[(base) evgenij@VelmozhinMac lab4 % ls
02.parctice_git .pdf     rsult.docx
OR_Velmozhin              ~$rsult.docx
(base) evgenij@VelmozhinMac lab4 % █
```

L2

```
[(base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt                      ]
[(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m "lab2"                   ]
[main bfabe42] lab2
 1 file changed, 2 insertions(+)
  create mode 100644 test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git push                              ]
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 10 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 292 bytes | 292.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/LPMagicElf/OR_Velmozhin.git
   1ee2cdd..bfabe42  main -> main
(base) evgenij@VelmozhinMac OR_Velmozhin % █
```

L3

LPMagicElf Merge pull request #1 from LPMagicElf/lab3 •••		587d771 · 1 minute ago	4 Commits
🗋 README.md	Initial commit		3 weeks ago
🗋 test.txt	lab3		6 minutes ago

L4

```
[(base) evgenij@VelmozhinMac OR_Velmozhin % nano test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m "lab4"
 [lab3 390689c] lab4
  1 file changed, 1 insertion(+), 1 deletion(-)
[(base) evgenij@VelmozhinMac OR_Velmozhin % git checkout main
 Switched to branch 'main'
 Your branch is up to date with 'origin/main'.
[(base) evgenij@VelmozhinMac OR_Velmozhin % nano test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m "lab4.1"
 [main 1d37ac3] lab4.1
  1 file changed, 1 insertion(+), 1 deletion(-)
[(base) evgenij@VelmozhinMac OR_Velmozhin % git merge lab3
 Auto-merging test.txt
 CONFLICT (content): Merge conflict in test.txt
 Automatic merge failed; fix conflicts and then commit the result.
[(base) evgenij@VelmozhinMac OR_Velmozhin % git checkout --theirs test.txt
 Updated 1 path from the index
[(base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt
[(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m "lab4.2"
 [main ad230ac] lab4.2
[(base) evgenij@VelmozhinMac OR_Velmozhin % git push
 (base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt
 (base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m "lab4.4"
 [main 1e05618] lab4.4
  1 file changed, 1 insertion(+), 1 deletion(-)
 (base) evgenij@VelmozhinMac OR_Velmozhin % git push
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 10 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 322 bytes | 322.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/LPMagicElf/OR_Velmozhin.git
    4a32413..1e05618  main -> main
```

L5

```
(base) evgenij@VelmozhinMac new_repo_urfu % git push --set-upstream https://gith]
ub.com/LPMagicElf/OR_Velmozhin.git main
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 10 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 302 bytes | 302.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/LPMagicElf/OR_Velmozhin.git
   1e05618..3ac91de  main -> main
branch 'main' set up to track 'https://github.com/LPMagicElf/OR_Velmozhin.git/ma
in'.
(base) evgenij@VelmozhinMac new_repo_urfu %
[(base) evgenij@VelmozhinMac lab4 % mkdir new_repo_urfu                          ]
[(base) evgenij@VelmozhinMac lab4 % cd new_repo_urfu                             ]
[(base) evgenij@VelmozhinMac new_repo_urfu % git init                            ]
 Initialized empty Git repository in /Users/evgenij/Файлы Мас/Учеба/Пары/Основы п
 рограммной инженерии (Вэб-технологии в бизнесе)/lab4/new_repo_urfu/.git/
[(base) evgenij@VelmozhinMac new_repo_urfu % nano lab5.txt                       ]
[(base) evgenij@VelmozhinMac new_repo_urfu % git add lab5.txt                    ]
[(base) evgenij@VelmozhinMac new_repo_urfu % git commit -m 'lab5'                ]
 [main (root-commit) 7b8fa23] lab5
  1 file changed, 1 insertion(+)
  create mode 100644 lab5.txt
```

L6

```
(base) evgenij@VelmozhinMac lab4 % cd OR_Velmozhin
(base) evgenij@VelmozhinMac OR_Velmozhin % nano text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git add text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab6-commit1'
[main 2d33881] lab6-commit1
 1 file changed, 2 insertions(+)
 create mode 100644 text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % nano text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git add text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab6-commit2'
[main 5cad648] lab6-commit2
 1 file changed, 1 insertion(+)
(base) evgenij@VelmozhinMac OR_Velmozhin % nano text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab6-commit3'
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

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:   text2.txt

no changes added to commit (use "git add" and/or "git commit -a")
(base) evgenij@VelmozhinMac OR_Velmozhin % git add text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab6-commit3'
[main 37ca651] lab6-commit3
 1 file changed, 1 insertion(+)
(base) evgenij@VelmozhinMac OR_Velmozhin %
(base) evgenij@VelmozhinMac OR_Velmozhin % git log
commit 37ca65107a7a88462db0482ef8b175eb6d0be439 (HEAD -> main)
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:27:09 2024 +0500

    lab6-commit3

commit 5cad6489fb7e0891ce7f64b193ecf2f06fcc0797
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:26:32 2024 +0500

    lab6-commit2

commit 2d338812c3d01c9d47d9ffe606474267e35970ad
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:26:05 2024 +0500

    lab6-commit1
```

```
[(base) evgenij@VelmozhinMac OR_Velmozhin % git reset HEAD~3
 Unstaged changes after reset:
 M       text2.txt
(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab6-commit2-3'
[main 68c14e4] lab6-commit2-3
(base) evgenij@VelmozhinMac OR_Velmozhin % git push
Enumerating objects: 7, done.
Counting objects: 100% (7/7), done.
Delta compression using up to 10 threads
Compressing objects: 100% (4/4), done.
Writing objects: 100% (5/5), 462 bytes | 462.00 KiB/s, done.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (2/2), completed with 1 local object.
To https://github.com/LPMagicElf/OR_Velmozhin.git
   3ac91de..68c14e4  main -> main
(base) evgenij@VelmozhinMac OR_Velmozhin %
```

L7

```
[(base) evgenij@VelmozhinMac OR_Velmozhin % git log                    ]
commit ea42f11bd08f164a34d41a1dcea65eff23ad0221 (HEAD -> main, origin/main, orig
in/HEAD)
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:37:38 2024 +0500

    lab6-commit2-3

commit 68c14e40cdf00f2e405634b726c0c349611402d4
Merge: 2d33881 3ac91de
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:36:41 2024 +0500

    lab6-commit2-3

commit 2d338812c3d01c9d47d9ffe606474267e35970ad
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:26:05 2024 +0500

    lab6-commit1

commit 3ac91deb2162aba7393a7fccb5a2a88f5c273c9f
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:19:29 2024 +0500

    lab5

commit 1e05618891a61a96ed4a9ee0199c30f4ab3a78f0
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:13:20 2024 +0500

    lab4.4

commit 4a32413cb4d6b9707899b437c72f4778f5ea9aa8
Merge: ad230ac 587d771
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:10:39 2024 +0500

    lab4.3

commit ad230ac4d305435dd0b94d1bcd913ed86265b67c
Merge: 1d37ac3 390689c
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:03:34 2024 +0500

    lab4.2

commit 1d37ac32d9e84375e199a7d0e9fd5fd57c7fdd43
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:02:04 2024 +0500

    lab4.1

commit 390689cbb3cf9f79fcc7f3044bb8c2388c9ec045 (lab3)
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 17:01:16 2024 +0500

    lab4

commit 587d771b5fdc0b6a574be3c8099b21b9372ae865
Merge: bfabe42 8f4a882
Author: vel.e.d <black.worldmem@yandex.ru>
Date:   Sat Nov 9 16:56:54 2024 +0500

    Merge pull request #1 from LPMagicElf/lab3

    lab3

commit 8f4a882e9ef2d44dcc6190236c1f39cc5e4ed813 (origin/lab3)
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 16:51:22 2024 +0500

    lab3

commit bfabe42e8736aac49380f2aa94579f4b036705e5
Author: vel.e.d <vel.e.d@ya.ru>
Date:   Sat Nov 9 16:46:35 2024 +0500

    lab2

commit 1ee2cdd39188d9f9387f46f5f5ca7017977497fa
Author: vel.e.d <black.worldmem@yandex.ru>
Date:   Sat Oct 19 13:43:56 2024 +0500
(base) evgenij@VelmozhinMac OR_Velmozhin % git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
(base) evgenij@VelmozhinMac OR_Velmozhin % 
```

L8

```
[(base) evgenij@VelmozhinMac OR_Velmozhin % nano test.txt                          ]
[(base) evgenij@VelmozhinMac OR_Velmozhin % git add test.txt                       ]
[(base) evgenij@VelmozhinMac OR_Velmozhin % git commit -m 'lab8_tag'               ]
 [main f7780d5] lab8_tag
  1 file changed, 4 insertions(+)
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag                                ]
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag                                ]
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag -a v0.1 -m "my teg netology v]
0.1"
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag                                ]
v0.1
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag v0.1                           ]
 fatal: tag 'v0.1' already exists
[(base) evgenij@VelmozhinMac OR_Velmozhin % git tag v0.1                           ]
 fatal: tag 'v0.1' already exists
[(base) evgenij@VelmozhinMac OR_Velmozhin % git push                               ]
 Enumerating objects: 5, done.
 Counting objects: 100% (5/5), done.
 Delta compression using up to 10 threads
 Compressing objects: 100% (3/3), done.
 Writing objects: 100% (3/3), 315 bytes | 315.00 KiB/s, done.
 Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
 remote: Resolving deltas: 100% (1/1), completed with 1 local object.
 To https://github.com/LPMagicElf/OR_Velmozhin.git
    ea42f11..f7780d5  main -> main
 (base) evgenij@VelmozhinMac OR_Velmozhin %

 commit f7780d52e4a63f096ef41685b5d7271fa8381094 (tag: v0.1, origin/main, origin/
 HEAD)
 Author: vel.e.d <vel.e.d@ya.ru>
 Date:   Sat Nov 9 17:43:01 2024 +0500

     lab8_tag


[(base) evgenij@VelmozhinMac OR_Velmozhin % git push origin --tags
 Enumerating objects: 1, done.
 Counting objects: 100% (1/1), done.
 Writing objects: 100% (1/1), 155 bytes | 155.00 KiB/s, done.
 Total 1 (delta 0), reused 0 (delta 0), pack-reused 0
 To https://github.com/LPMagicElf/OR_Velmozhin.git
  * [new tag]          v0.1 -> v0.1
  * [new tag]          v1 -> v1                          Launchpa
 (base) evgenij@VelmozhinMac OR_Velmozhin %
```