

Установка

```
Admin@DESKTOP-KIADKOF MINGW64 ~  
$ cd ~/desktop  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/desktop  
$ git config --global user.name "Alexey Plotnikov"  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/desktop  
$ git config --global user.email "plotnikov.diving@gmail.com"
```

1.

2.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ git config --global core.autocrlf true  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ git config --global core.safecrlf true  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ git config --global core.quotepath off
```

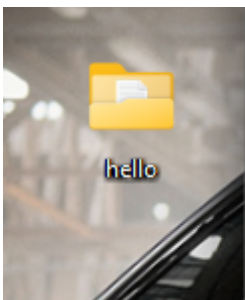
3.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ git config --global core.quotepath off  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ .....
```

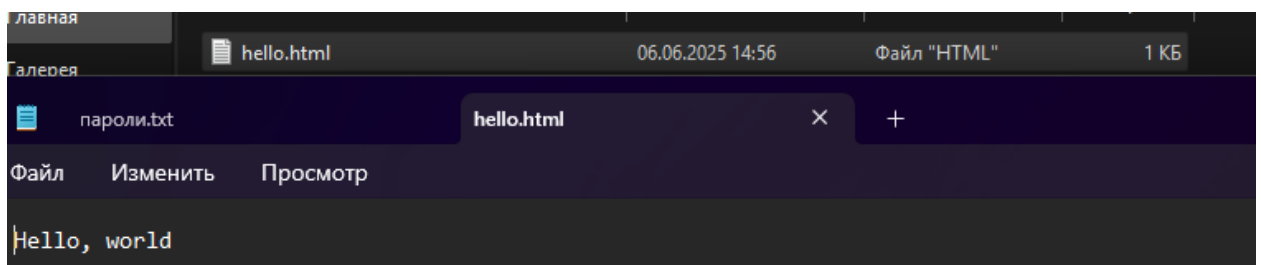
cd n

Создание проекта

4.



```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ mkdir hello  
mkdir: cannot create directory 'hello': File exists  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop  
$ cd hello  
  
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello  
$ touch hello.html
```



5.

6.

```
$ git init
Initialized empty Git repository in C:/Users/Admin/Desktop/hello/.git/
```

7.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add hello.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "First Commit"
[master (root-commit) e6f21d7] First Commit
1 file changed, 1 insertion(+)
create mode 100644 hello.html
```

Проверка состояния

8.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Внесение изменений

9.

```
Файл  Изменить  Просмотр

<h1>Hello, world</h1>
```

10.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (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:   hello.html

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

Индексация изменений

11.





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

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add hello.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html
```

Индексация и коммит

12.

 a.html	06.06.2025 15:04	Файл "HTML"	0 КБ
 b.html	06.06.2025 15:04	Файл "HTML"	0 КБ
 hello.html	06.06.2025 15:00	Файл "HTML"	1 КБ
 v.html	06.06.2025 15:04	Файл "HTML"	0 КБ

cd13.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add a.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add v.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add b.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Changes for a and b"
[master 42ac680] Changes for a and b
4 files changed, 1 insertion(+), 1 deletion(-)
create mode 100644 a.html
create mode 100644 b.html
create mode 100644 v.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add v.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Unrelated change fir v"
On branch master
nothing to commit, working tree clean

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Unrelated change for v"
On branch master
nothing to commit, working tree clean
```

14.

Коммит изменений

16.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add hello.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commut
git: 'commut' is not a git command. See 'git --help'.

The most similar command is
    commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit
On branch master
nothing to commit, working tree clean
```

```
Unrelated change for v
Added h2 tag xd
# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# Date:      Fri Jun 6 09:49:04 2025 +0300
#
# On branch master
# Changes to be committed:
#   new file:   v.html
#
~
~
~
~
~
~
~
~
~
~
.git/COMMIT_EDITMSG[+] [unix] (10:01 06/06/2025) 2,15 All
:wq
```

```
[master f49b8ee] Unrelated change for v Added h2 tag xd
Date: Fri Jun 6 09:49:04 2025 +0300
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 v.html
```

18.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git status
On branch master
nothing to commit, working tree clean
```

Изменения, а не файлы

19.

```
<> hello.html ●
C: > Users > Admin > Desktop > hello > <> hello.html > html > body > h2 > h2
1  <html>
2    <body>
3      <h1>Hello, world</h1>
4      <h2>Second line</h2>
5    </body>
6  </html>
7
```

20.

```
<> hello.html ●
C: > Users > Admin > Desktop > hello > <> hello.html > html > head
1  <html>
2    <head>
3
4    </head>
5    <body>
6      <h1>Hello, world</h1>
7      <h2>Second line</h2>
8    </body>
9  </html>
10
```

21.

```
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html

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:   hello.html
```

22.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add .
```

```
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   hello.html
```

23.

24.

```
$ git commit -m "Add HTML header"
[master d653372] Add HTML header
1 file changed, 3 insertions(+)
```

История

1.

2.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

3.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline --max-count=2
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

4.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline --since='10 days ago'
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

5.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline --until='5 minutes ago'
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

6.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline --author='Nursultan'
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

7.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline --all
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

8.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --all --pretty=format:"%h %cd %s (%an)" --since='12 days ago'
563da0a Fri Jun 6 10:11:45 2025 +0300 Add HTML header (Nursultan)
f49b8ee Fri Jun 6 10:01:30 2025 +0300 Unrelated change for v Added h2 tag xd (Nursultan)
070be96 Fri Jun 6 09:48:14 2025 +0300 Changes for a and b (Nursultan)
4286b79 Fri Jun 6 09:35:49 2025 +0300 First Commit (Nursultan)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

Алиасы

9.

10.

```
$ git config --global alias.hist "log --pretty=format:'%h %ad | %s%d [%an]' --graph --date=short"

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* 563da0a 2025-06-06 | Add HTML header (HEAD -> master) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

11.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ alias gs='git status '

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ gs
On branch master
nothing to commit, working tree clean

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

Получение старых версий

12.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* 563da0a 2025-06-06 | Add HTML header (HEAD -> master) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

13.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout 4286b79
Note: switching to '4286b79'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 4286b79 First Commit
```

14.


```

$ git checkout master
Previous HEAD position was 4286b79 First Commit
Switched to branch 'master'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat nefor.html
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

Создание тегов версий

15.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag ver1

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

16.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout ver1^
Note: switching to 'ver1^'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at f49b8ee Unrelated change for v Added h2 tag xd

```

17.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((f49b8ee...))
$ git tag ver1-beta

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$

```

18.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$ git checkout ver1
Previous HEAD position was f49b8ee Unrelated change for v Added h2 tag xd
HEAD is now at 563da0a Add HTML header

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1))
$ git checkout ver1-beta
Previous HEAD position was 563da0a Add HTML header
HEAD is now at f49b8ee Unrelated change for v Added h2 tag xd

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$

```

19.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$ git tag
ver1
ver1-beta

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$

```

20.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$ git hist master --all
* 563da0a 2025-06-06 | Add HTML header (tag: ver1, master) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (HEAD, tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$

```

Отмена локальных изменений (до индексации)

21.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$ git hist master --all
* 563da0a 2025-06-06 | Add HTML header (tag: ver1, master) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (HEAD, tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((ver1-beta))
$

```

22.

```
hello.html X
C: > Users > Admin > Desktop > hello > hello.html > html
1  <html>
2      <head>
3
4      </head>
5      <body>
6          <h1>Does it hurts?</h1>
7          <h2>Second line</h2>
8          <!-- Этот комментарий просто мерзость -->
9      </body>
10 </html>
```

(Прикол в чем, я на половине задания понял что возможно мне нужно вручную что-то менять через Visual Studio Code, поэтому до этого я посмотрел в интернете как открыть подобный редактор через Git Bash)

23.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git st
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:   nefor.html

no changes added to commit (use "git add" and/or "git commit -a")
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

24.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout nefor.html
Updated 1 path from the index

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git st
On branch master
nothing to commit, working tree clean

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat nefor.html
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
```

Отмена проиндексированных изменений

25.

```
<> hello.html<
C: > Users > Admin > Desktop > hello > <> hello.html
1  <html>
2    <head>
3      <!-- Ещё один мерзотный комментарий -->
4    </head>
5    <body>
6      <h1>Does it hurts?</h1>
7      <h2>Second line</h2>
8    </body>
9  </html>
```

26.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git st
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

27.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git reset HEAD nefor.html
Unstaged changes after reset:
M       nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git st
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:   nefor.html

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

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

28.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git reset HEAD nefor.html
Unstaged changes after reset:
M      nefor.html

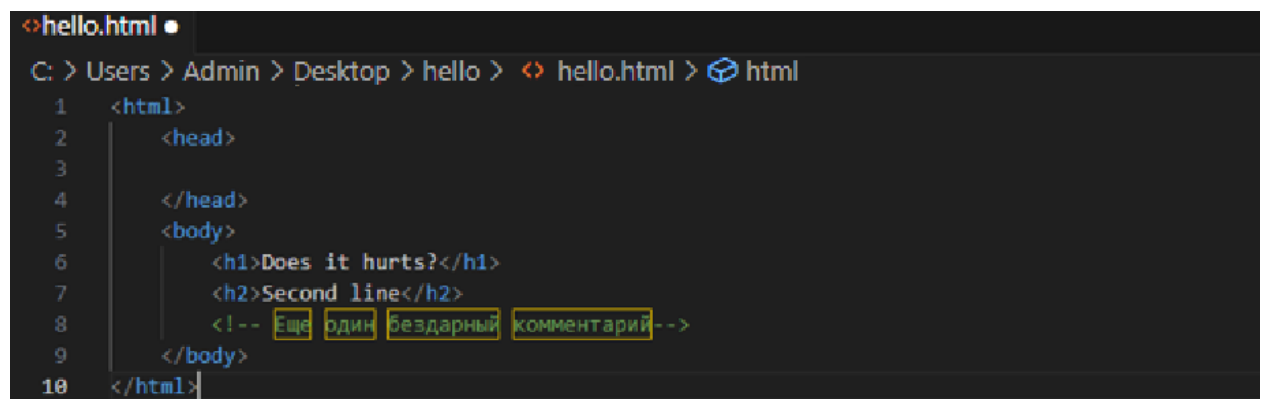
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git st
On branch master
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   nefor.html

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

```

Отмена коммитов

29.



```

<?xml version="1.0" encoding="utf-8" ?>
<html>
  <head>
  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
    <!-- Еще один бездарный комментарий -->
  </body>
</html>

```

30.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Oops, this is a bad commit"
[master 5f84f43] Oops, this is a bad commit
1 file changed, 1 insertion(+)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

31.

Не успел заскринить т.к. следующее окно открылось очень быстро

32.

```

Revert "Oops, this is a bad commit"

This reverts commit 5f84f4388a20c8a370323963ee0d1c43d2090974.

# Please enter the commit message for your changes. Lines starting
# with '#' will be ignored, and an empty message aborts the commit.
#
# On branch master
#
# Changes to be committed:
#   modified:   nefor.html
#

```

33.

```

.git/COMMIT_
:wq

```

Я закрыл редактор при помощи данной команды

```

[master 030a15b] evert "Oops, this is a bad commit"
1 file changed, 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)

```

34.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* 030a15b 2025-06-06 | evert "Oops, this is a bad commit" (HEAD -> master) [Nursultan]
* 5f84f43 2025-06-06 | Oops, this is a bad commit [Nursultan]
* 8084f64 2025-06-06 | Add HTML header [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

35.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag oops

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* 030a15b 2025-06-06 | evert "Oops, this is a bad commit" (HEAD -> master, tag:
oops) [Nursultan]
* 5f84f43 2025-06-06 | Oops, this is a bad commit [Nursultan]
* 8084f64 2025-06-06 | Add HTML header [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

36.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git reset --hard ver1
HEAD is now at 563da0a Add HTML header

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* 563da0a 2025-06-06 | Add HTML header (HEAD -> master, tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

37.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist --all
* 030a15b 2025-06-06 | evert "Oops, this is a bad commit" (tag: oops) [Nursulta
n]
* 5f84f43 2025-06-06 | Oops, this is a bad commit [Nursultan]
* 8084f64 2025-06-06 | Add HTML header [Nursultan]
| * 563da0a 2025-06-06 | Add HTML header (HEAD -> master, tag: ver1) [Nursultan]
|/
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

38.

1.

```
hello.html
C: > Users > Admin > Desktop > hello > hello.html
1  <!-- Author: Nursultan -->
2  <html>
3      <head>
4
5      </head>
6      <body>
7          <h1>Does it hurts?</h1>
8          <h2>Second line</h2>
9      </body>
```

2.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Add an author comment"
[master 60708b8] Add an author comment
1 file changed, 1 insertion(+)
```

3.

```
hello.html x
C: > Users > Admin > Desktop > hello > hello.html
1  <!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
2  <html>
3      <head>
4
5      </head>
6      <body>
7          <h1>Does it hurts?</h1>
8          <h2>Second line</h2>
9      </body>
10 </html>
```

4.

5.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit --amend -m "Add an author/email comment"
[master e2ee173] Add an author/email comment
Date: Fri Jun 6 11:40:19 2025 +0300
1 file changed, 1 insertion(+)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```



```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* e2ee173 2025-06-06 | Add an author/email comment (HEAD -> master) [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

Перемещение файлов

6.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git mv nefor.html lib

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    renamed:   nefor.html -> lib/nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

7.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Moved hello.html to lib"
[master ac03118] Moved hello.html to lib
1 file changed, 0 insertions(+), 0 deletions(-)
rename nefor.html => lib/nefor.html (100%)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

Подробнее о структуре

8.

9.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add index.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Added index.html"
[master da5b280] Added index.html
1 file changed, 1 insertion(+), 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

10.

11.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls -C .git
COMMIT_EDITMSG  ORIG_HEAD  description  index  logs/  refs/
HEAD           config     hooks/       info/  objects/

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

12.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls -C .git/objects
03/ 15/ 4b/ 5f/ 69/ 85/ ac/ b3/ bf/ d0/ e2/ ff/
07/ 26/ 4f/ 60/ 6f/ a4/ ae/ b4/ c2/ d9/ e6/ info/
0b/ 42/ 56/ 62/ 80/ aa/ b1/ ba/ c6/ da/ f4/ pack/

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

13.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls -C .git/objects/ff
b451727fc1c0a393a19be0e278416504b814ef

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

14.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat .git/config
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true
```

15.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls .git/refs
heads/  tags/

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls .git/refs/heads
master

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ ls .git/refs/tags
ver1  ver1-beta

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat .git/refs/tags/ver1
563da0a455fac733a20d643e5bd444f3a08a19e2

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

16.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat .git/HEAD
ref: refs/heads/master

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

Работа с объектами git

17.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist --max-count=1
* da5b280 2025-06-06 | Added index.html (HEAD -> master) [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

18.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -t da5b280
commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p da5b280
tree 85e32018134dc23780b746ae8b55f719c748c07c
parent 6290715cb3c197f55417296b6971ec8b877728b3
author Nursultan <SeeYouSwapMyMind@gmail.com> 1749200248 +0300
committer Nursultan <SeeYouSwapMyMind@gmail.com> 1749200248 +0300

Added index.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

19.

```

$ git type da5b280
commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git dump da5b280
tree 85e32018134dc23780b746ae8b55f719c748c07c
parent 6290715cb3c197f55417296b6971ec8b877728b3
author Nursultan <SeeYouSwapMyMind@gmail.com> 1749200248 +0300
committer Nursultan <SeeYouSwapMyMind@gmail.com> 1749200248 +0300

Added index.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

20.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p 85e3201
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    a.html
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    b.html
100644 blob ffb451727fc1c0a393a19be0e278416504b814ef    index.html
040000 tree b30d6f9bbfcd5f184ee056b285c34b69fb71f45d    lib
100644 blob e69de29bb2d1d6434b8b29ae775ad8c2e48c5391    v.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

21.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p b30d6f9bb
100644 blob 26cd957a00fc13151ba81255cb43d3048098ea17    nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

22.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p 26cd957a
<!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

23.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* da5b280 2025-06-06 | Added index.html (HEAD -> master) [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p 4286b79
tree 4f6f8d68e59062ef746435b72a345b8e26e5b784
author Nursultan <SeeYouSwapMyMind@gmail.com> 1749191749 +0300
committer Nursultan <SeeYouSwapMyMind@gmail.com> 1749191749 +0300

First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p 4f6f8d6
100644 blob d0957230ffd6f01be3055abe01ce5d3f3b0edbe9    nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git cat-file -p d095723
Does it hurts?
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

Создание ветки

1.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout -b style
Switched to a new branch 'style'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git status
On branch style
nothing to commit, working tree clean

```

2.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ touch lib/style.css

```

3.

```
# style.css
C: > Users > Admin > Desktop > hello > lib > # style.css > h1
1  h1 {
2    color: red;
3  }
```

4.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git commit -m "Added css stylesheet"
[style 74d41c0] Added css stylesheet
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lib/style.css

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$
```

5.

```
hello.html x
C: > Users > Admin > Desktop > hello > lib > nefor.html > ...
1  <!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
2  <html>
3    <head>
4      <link rel="stylesheet" type="text/css" media="all" href="style.css">
5    </head>
6    <body>
7      <h1>Does it hurts?</h1>
8      <h2>Second line</h2>
9    </body>
10 </html>
```

6.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git add lib/nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git commit -m "nefor.html uses style.css"
[style fb3a924] nefor.html uses style.css
1 file changed, 1 insertion(+), 1 deletion(-)
```

7.

```
index.html x
C: > Users > Admin > Desktop > hello > index.html > html > head > link
1  <html>
2    <head>
3      <link rel="stylesheet" type="text/css" media="all" href="lib/style.css">
4    </head>
5    <body>
6      <iframe src="lib/nefor.html" width="200" height="200"></iframe>
7    </body>
8  </html>
```

8.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git add index.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git commit -m "Update index.html"
[style b814056] Update index.html
1 file changed, 3 insertions(+)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$

```

9.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git hist
* b814056 2025-06-06 | Update index.html (HEAD -> style) [Nursultan]
* fb3a924 2025-06-06 | nefor.html uses style.css [Nursultan]
* 74d41c0 2025-06-06 | Added css stylesheet [Nursultan]
* da5b280 2025-06-06 | Added index.html (master) [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

```

10.

```

$ git checkout master
Switched to branch 'master'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat lib/nefor.html
<!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

11.

```

$ git checkout style
Switched to branch 'style'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ cat lib/nefor.html
<!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
<html>
  <head>
    <link rel="stylesheet" type="text/css" media="all" href="style.css">
  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ |

```

Изменения в ветке master

12.

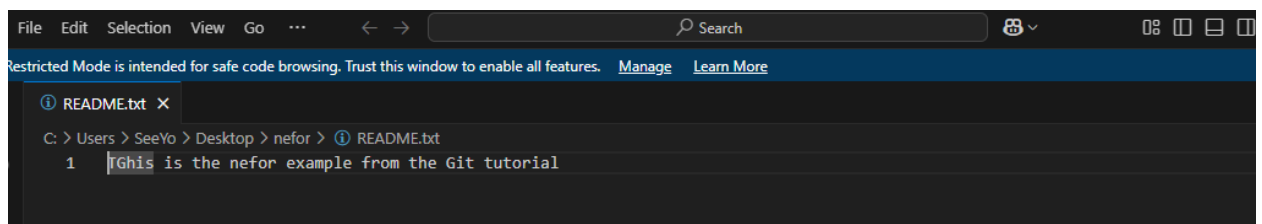
```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git checkout master
Switched to branch 'master'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

13.



14.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add README.txt

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Added README"
[master cb5c278] Added README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

```

15.


```
hello.html X
C:\Users\Admin\Desktop\hello\lib> nefor.html
1  <!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
2  <html>
3      <head>
4          <!-- no style -->
5      </head>
6      <body>
7          <h1>Does it hurts?</h1>
8          <h2>Second line</h2>
9      </body>
10 </html>
```

21.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add lib/nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Life is great!"
[master e30824d] Life is great!
1 file changed, 1 insertion(+), 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

22.

```
$ git hist --all
* e30824d 2025-06-06 | Life is great! (HEAD -> master) [Nursultan]
| * c21f3dd 2025-06-06 | Merge branch 'master' into style (style) [Nursultan]
| | \
| | /
| | /
| | /
| * cb5c278 2025-06-06 | Added README [Nursultan]
| * c9ca3f6 2025-06-06 | Critical save from bugs pizdec [Nursultan]
| * b814056 2025-06-06 | Update index.html [Nursultan]
| * fb3a924 2025-06-06 | nefor.html uses style.css [Nursultan]
| * 74d41c0 2025-06-06 | Added css stylesheet [Nursultan]
| /
|
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]
```

Разрешение конфликтов

23.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout style
Switched to branch 'style'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git merge master
Auto-merging lib/nefor.html
CONFLICT (content): Merge conflict in lib/nefor.html
Automatic merge failed; fix conflicts and then commit the result.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style|MERGING)
$

```

24.

```

nefor.html X
(G) > Users > Admin > Desktop > hello > lib > hello.html > ...
1  <!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
2  <html>
3    <head>
4    Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
5    <<<<<< HEAD (Current Change)
6    <link rel="stylesheet" type="text/css" media="all" href="style.css">
7    =====
8    <!-- no style -->
9    >>>>>> master (Incoming Change)
10   </head>
11   <body>
12     <h1>Does it hurts?</h1>
13     <h2>Second line</h2>
14   </body>
15 </html>

```

hello.html

25.

```

(G) > Users > Admin > Desktop > hello > lib > hello.html > html > head
1  <!-- Author: Nursultan (SeeYouSwapMyMind@gmail.com) -->
2  <html>
3    <head>
4    <link rel="stylesheet" type="text/css" media="all" href="style.css">
5    </head>
6    <body>
7    <h1>Does it hurts?</h1>
8    <h2>Second line</h2>
9    </body>
10 </html>

```

26.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style|MERGING)
$ git add lib/nefor.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style|MERGING)
$ git commit -m "Marged master fixed conflict"
[style 3f2602f] Marged master fixed conflict

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$

```

Работа с Git

1.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git checkout style
Already on 'style'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git hist
* 3f2602f 2025-06-06 | Merged master fixed conflict (HEAD -> style) [Nursultan]
|
| \
| * e30824d 2025-06-06 | Life is great! (master) [Nursultan]
| * | c21f3dd 2025-06-06 | Merge branch 'master' into style [Nursultan]
| \
| * cb5c278 2025-06-06 | Added README [Nursultan]
| * | c9ca3f6 2025-06-06 | Critical save from bugs pizdec [Nursultan]
| * | b814056 2025-06-06 | Update index.html [Nursultan]
| * | fb3a924 2025-06-06 | nefor.html uses style.css [Nursultan]
| * | 74d41c0 2025-06-06 | Added css stylesheet [Nursultan]
| /
| * da5b280 2025-06-06 | Added index.html [Nursultan]
| * 6290715 2025-06-06 | Added index.html [Nursultan]
| * ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
| * e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
| * 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
| * f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
| Nursultan]
| * 070be96 2025-06-06 | Changes for a and b [Nursultan]
| * 4286b79 2025-06-06 | First Commit [Nursultan]
```

2.

```
$ git reset --hard 6290715
HEAD is now at 6290715 Added index.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git hist --all
* e30824d 2025-06-06 | Life is great! (master) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added index.html (HEAD -> style) [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$
```

Сброс ветки master

3.

```

$ git checkout master
Switched to branch 'master'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* e30824d 2025-06-06 | Life is great! (HEAD -> master) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html (style) [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

4.

```

$ git reset --hard e30824d
HEAD is now at e30824d Life is great!

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* e30824d 2025-06-06 | Life is great! (HEAD -> master) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html (style) [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

Перебазирование

5.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout style
Switched to branch 'style'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git rebase master
Successfully rebased and updated refs/heads/style.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git hist
* e30824d 2025-06-06 | Life is great! (HEAD -> style, master) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added index.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git merge master
Already up to date.

```

Слияние в ветку master

6.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (style)
$ git checkout master
Switched to branch 'master'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git merge style
Already up to date.

```

7.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist
* e30824d 2025-06-06 | Life is great! (HEAD -> master, style) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added index.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git merge style
Already up to date.

```

Клонирование репозитория

8.

Просмотр клонированного репозитория

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ cd neformal

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ ls
README.txt  a.html  b.html  index.html  lib/  v.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ |
```

10.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist --all
* e30824d 2025-06-06 | Life is great! (HEAD -> master, origin/style, origin/master, origin/HEAD) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master) ;
$ |
```

Origin

11.

```
$ git remote
origin

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git remote show origin
* remote origin
  Fetch URL: C:/Users/SeeYo/Desktop/nefor
  Push URL: C:/Users/SeeYo/Desktop/nefor
  HEAD branch: master
  Remote branches:
    master tracked
    style tracked
  Local branch configured for 'git pull':
    master merges with remote master
  Local ref configured for 'git push':
    master pushes to master (up to date)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
```

Удаленные ветки

12.


```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git branch
* master

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git branch -a
* master
  remotes/origin/HEAD -> origin/master
  remotes/origin/master
  remotes/origin/style

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

Работа с Git

1.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cd ../nefor

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

2.

```

① README.txt X
C: > Users > SeeYo > Desktop > nefor > ① README.txt
1  Tghis is the nefor example from the Git tutorial
2  [changed in original]

```

3.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add README
fatal: pathspec 'README' did not match any files

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add README.txt

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Changed README in original repo"
[master e8ddf4e] Changed README in original repo
1 file changed, 2 insertions(+), 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |

```

4.


```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cd ../neformat

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git fetch
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 349 bytes | 43.00 KiB/s, done.
From C:/Users/SeeYo/Desktop/nefor
 e30824d..e8ddf4e master -> origin/master

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

5.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git hist --all
* e8ddf4e 2025-06-06 | Changed README in original repo (origin/master, origin/h
AD) [Nursultan]
* e30824d 2025-06-06 | Life is great! (HEAD -> master, origin/style) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta)
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

6.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat README.txt
TGhis is the nefor example from the Git tutorial
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

7.

```
SeeYo@DESKTOP-19JSCJQ MINGW64 ~/Desktop/neformat (master)
$ git merge origin/master
Updating e30824d..e8ddf4e
Fast-forward
 README.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ |
```

8.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ cat README.txt
This is the nefor example from the Git tutorial
(changed in original)
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ |
```

9.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git pull
Already up to date.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ |
```

10.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git branch --track style origin/style
branch 'style' set up to track 'origin/style'.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git branch -a
* master
  style
remotes/origin/HEAD -> origin/master
remotes/origin/master
remotes/origin/style

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git hist
* e8ddf4e 2025-06-06 | Changed README in original repo (HEAD -> master, origin/m
aster, origin/HEAD) [Nursultan]
* e30824d 2025-06-06 | Life is great! (origin/style, style) [Nursultan]
* cb5c278 2025-06-06 | Added README [Nursultan]
* da5b280 2025-06-06 | Added index.html [Nursultan]
* 6290715 2025-06-06 | Added intex.html [Nursultan]
* ac03118 2025-06-06 | Moved hello.html to lib [Nursultan]
* e2ee173 2025-06-06 | Add an author/email comment [Nursultan]
* 563da0a 2025-06-06 | Add HTML header (tag: ver1) [Nursultan]
* f49b8ee 2025-06-06 | Unrelated change for v Added h2 tag xd (tag: ver1-beta) [
Nursultan]
* 070be96 2025-06-06 | Changes for a and b [Nursultan]
* 4286b79 2025-06-06 | First Commit [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ |
```

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git hist --max-count=2
* e8ddf4e 2025-06-06 | Changed README in original repo (HEAD -> master, origin/m
aster, origin/HEAD) [Nursultan]
* e30824d 2025-06-06 | Life is great! (origin/style, style) [Nursultan]

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ |
```

11.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ cd ..

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop
$ git clone --bare nefor nefor.git
Cloning into bare repository 'nefor.git'...
done.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop
$ ls nefor.git
HEAD  config  description  hooks/  info/  objects/  packed-refs  refs/

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop
$

```

12.

```

SeeYo@DESKTOP-I9J5CJQ MINGW64 ~/Desktop
$ cd nefor

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git remote add shared ../nefor.git

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

13.

14.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git add README.txt

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git commit -m "Added shared comment to README"
[master 87fd44d] Added shared comment to README
1 file changed, 1 insertion(+), 1 deletion(-)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

15.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git push shared master
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 12 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 381 bytes | 381.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
To ../nefor.git
    e8ddf4e..87fd44d  master -> master

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

16.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cd ../neformal

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ |
```

17.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ cd ../neformal

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git remote add shared ../nefor.git
error: remote shared already exists.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git branch --track shared master
branch 'shared' set up to track 'master'.

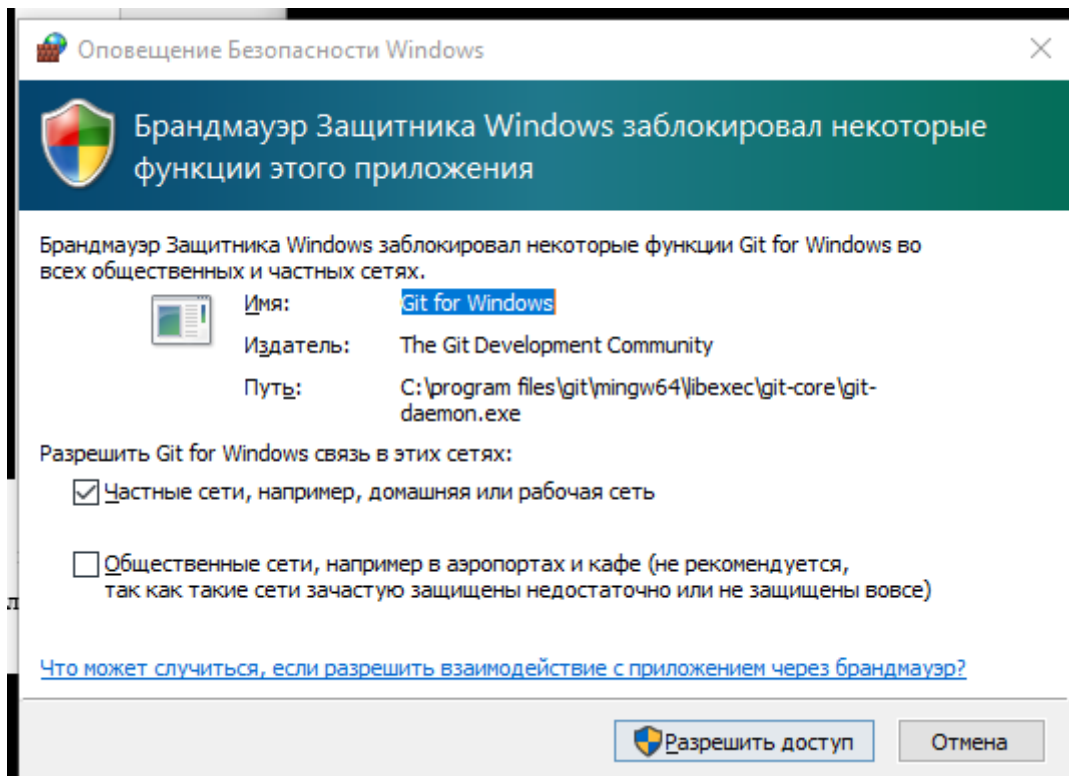
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git pull shared master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 361 bytes | 51.00 KiB/s, done.
From ../nefor
 * branch          master      -> FETCH_HEAD
 * [new branch]     master      -> shared/master
Updating e8ddf4e..87fd44d
Fast-forward
```

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git branch --track shared master
branch 'shared' set up to track 'master'.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git pull shared master
remote: Enumerating objects: 5, done.
remote: Counting objects: 100% (5/5), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (3/3), 361 bytes | 51.00 KiB/s, done.
From ../nefor
 * branch          master      -> FETCH_HEAD
 * [new branch]     master      -> shared/master
Updating e8ddf4e..87fd44d
Fast-forward
 README.txt | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)
```

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$
```

18.



```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git daemon --verbose --export-all --base-path=.
[10816] Ready to rumble
```

19.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ git clone ~/Desktop/nefor.git network_hello
Cloning into 'network_hello'...
done.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal (master)
$ cd network_hello

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello (master)
$ ls
README.txt  a.html  b.html  index.html  lib/  v.html

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello (master)
$
```

Работа с Git

1.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello (master)
$ git clone https://github.com/schacon/ticgit
Cloning into 'ticgit'...
remote: Enumerating objects: 1857, done.
remote: Total 1857 (delta 0), reused 0 (delta 0), pack-reused 1857 (from 1)
Receiving objects: 100% (1857/1857), 334.06 KiB | 2.20 MiB/s, done.
Resolving deltas: 100% (837/837), done.

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello (master)
$ cd ticgit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote
origin

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ |

```

2.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote -v
origin https://github.com/schacon/ticgit (fetch)
origin https://github.com/schacon/ticgit (push)

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ |

```

3.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote add pb https://github.com/paulbone/ticgit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remove -v
git: 'remove' is not a git command. See 'git --help'.

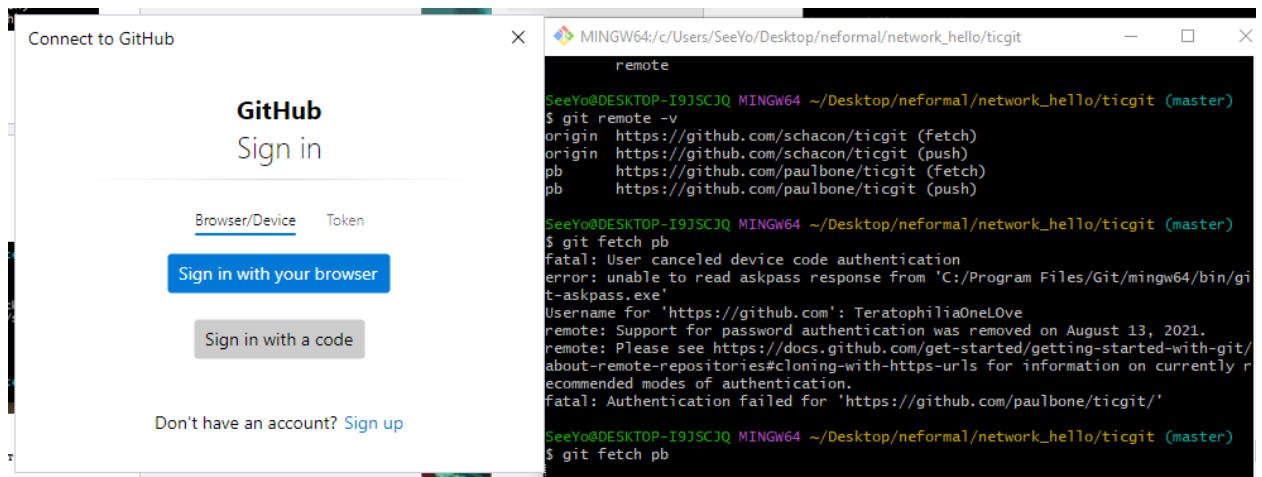
The most similar command is
    remote

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote -v
origin https://github.com/schacon/ticgit (fetch)
origin https://github.com/schacon/ticgit (push)
pb      https://github.com/paulbone/ticgit (fetch)
pb      https://github.com/paulbone/ticgit (push)

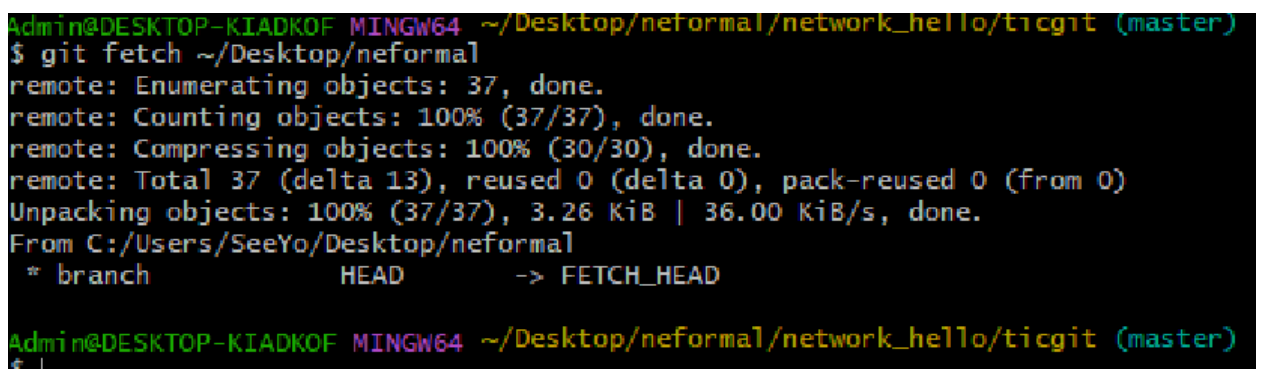
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ |

```

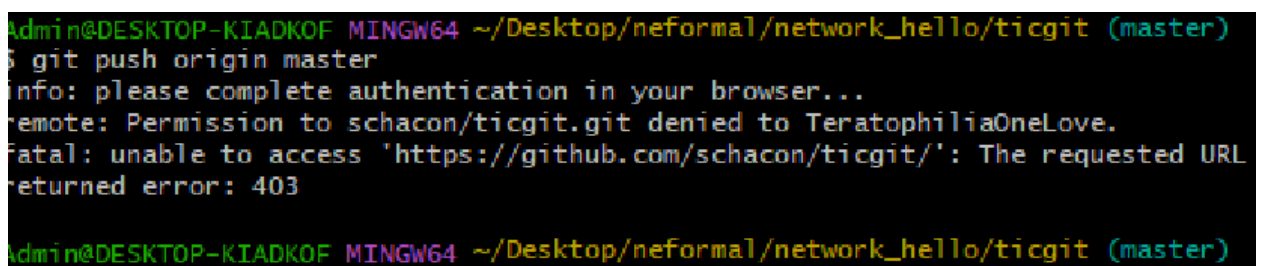
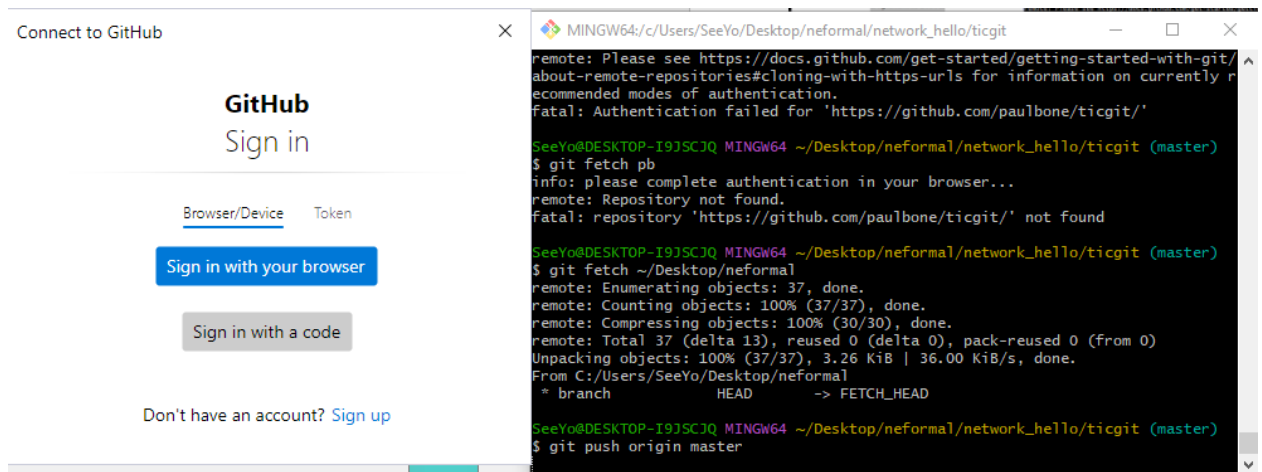
4.



5.



6.



7.


```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote show origin
* remote origin
Fetch URL: https://github.com/schacon/ticgit
Push URL: https://github.com/schacon/ticgit
HEAD branch: master
Remote branches:
  master tracked
  ticgit tracked
Local branch configured for 'git pull':
  master merges with remote master
Local ref configured for 'git push':
  master pushes to master (up to date)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$

```

8.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote rename pb paul

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git rmeote
git: 'rmeote' is not a git command. See 'git --help'.

The most similar command is
    remote

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote
origin
paul

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$

```

9.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote remove paul

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote
origin

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$

```

10.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag
ver1
ver1-beta

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)

```

11.


```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag -a v2.1 -m "My version 2.1"

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag
v2.1
ver1
ver1-beta

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)

```

12.

```

tag v2.1
Tagger: Nursultan <SeeYouSwapMyMind@gmail.com>
Date:   Fri Jun 6 15:16:14 2025 +0300

My version 2.1

commit 87fd44d0793f7cbbe364f587a24d89cacc97466f (HEAD -> master, tag: v2.1-lw, tag: v2.1, shared/master)
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date:   Fri Jun 6 14:46:28 2025 +0300

    Added shared comment to README

diff --git a/README.txt b/README.txt
index e7f9645..c994c95 100644
--- a/README.txt
+++ b/README.txt
@@ -1,2 +1,2 @@
-This is the nefor example from the Git tutorial
-(changed in original)
\ No newline at end of file
+(changed in original and pushed to shared)
\ No newline at end of file
:

```

13.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag v2.1-lw

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag
v2.1
v2.1-lw
ver1
ver1-beta
ver3

```

14.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git show v2.1-lw
commit 87fd44d0793f7cbbe364f587a24d89cacc97466f (HEAD -> master, tag: v2.1-lw, tag: v2.1, shared/master)
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date:   Fri Jun 6 14:46:28 2025 +0300

    Added shared comment to README

diff --git a/README.txt b/README.txt
index e7f9645..c994c95 100644
--- a/README.txt
+++ b/README.txt
@@ -1,2 +1,2 @@
-This is the nefor example from the Git tutorial
-(changed in original)
\ No newline at end of file
+(changed in original and pushed to shared)
\ No newline at end of file

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$

```

15.

```

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git log --pretty=oneline
87fd44d0793f7cbbe364f587a24d89cacc97466f (HEAD -> master, tag: v2.1-lw, tag: v2.1, shared/master) Added shared comment to README
e8ddf4ee51c15f5871e53ef5e648fbd7e335f6fb (tag: ver3) Changed README in original repo
e30824da5ab223b629ddaa30b0a3c44a8aad3c2b (style) Life is great!
cb5c2780a4c1485dd81b0797147ea1df96263767 Added README
da5b280ae1bdaf31d9c1ab7be0dcb1e0533d8bb1 Added index.html
6290715cb3c197f55417296b6971ec8b877728b3 Added intex.html
ac0311843fbb593e6f7d6cd3a3198f8f896667a0 Moved hello.html to lib
e2ee173c05d559449232dcd757682174a8eade99 Add an author/email comment
563da0a455fac733a20d643e5bd444f3a08a19e2 (tag: ver1) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 (tag: ver1-beta) Unrelated change for v
    Added h2 tag xd
070be9671dbdd01d055cd50eabbd978d29eaa2ec Changes for a and b
4286b7990de2bdbbec455c01f362ac03dc08c7605 First Commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$

```

16.

17.


```
$ git push shared --tags
Enumerating objects: 1, done.
Counting objects: 100% (1/1), done.
Writing objects: 100% (1/1), 171 bytes | 171.00 KiB/s, done.
Total 1 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To ../nefor.git
 * [new tag]          v2.1-lw -> v2.1-lw
 * [new tag]          vr3 -> vr3

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

21.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git tag -d v2.1-lw
Deleted tag 'v2.1-lw' (was 87fd44d)

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

22.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git push shared :refs/tags/v2.1-lw
To ../nefor.git
- [deleted]          v2.1-lw

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$
```

23.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (master)
$ git checkout v2.1
Note: switching to 'v2.1'.

You are in 'detached HEAD' state. You can look around, make experimental
changes and commit them, and you can discard any commits you make in this
state without impacting any branches by switching back to a branch.

If you want to create a new branch to retain commits you create, you may
do so (now or later) by using -c with the switch command. Example:

    git switch -c <new-branch-name>

Or undo this operation with:

    git switch -

Turn off this advice by setting config variable advice.detachedHead to false

HEAD is now at 87fd44d Added shared comment to README

SeeYo@DESKTOP-I9J5CJQ MINGW64 ~/Desktop/nefor ((v2.1))
```

24.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello ((v2.1))
$ git checkout -b version2 v2.1
Switched to a new branch 'version2'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$
```

25.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.co checkout

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.br branch

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.ci commit

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.st status

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$
```

26.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.unstage 'reset HEAD --'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ |
```

27.

```
$ git unstage fileA

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git reset HEAD -- fileA

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$
```

28.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.last 'log -1 HEAD'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ |
```

29.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git last
commit 87fd44d0793f7cbb364f587a24d89cacc97466f (HEAD -> version2, tag: v2.1, shared/master, master)
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date:   Fri Jun 6 14:46:28 2025 +0300

    Added shared comment to README

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$
```

30.

```
Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$ git config --global alias.visual '!gitk'

Admin@DESKTOP-KIADKOF MINGW64 ~/Desktop/hello (version2)
$
```