

## 1.1

### Установка

1.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~  
$ cd ~/Desktop  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ git config --global user.name "Nursultan"  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ git config --global user.email "SeeYouSwapMyMind@gmail.com"  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ |
```

2.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ git config --global core.autocrlf true  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ git config --global core.safecrlf true  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ |
```

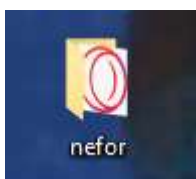
3.

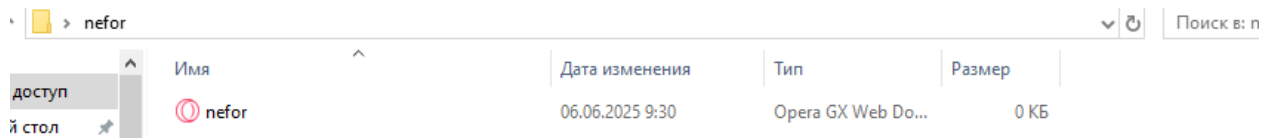
```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ git config --global core.quotePath off  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ |
```

### Создание проекта

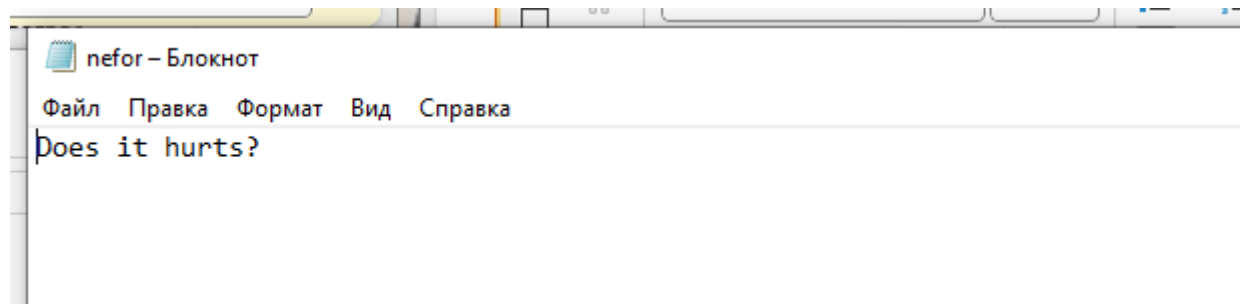
4.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ mkdir nefor  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop  
$ cd nefor  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor  
$ touch nefor.html  
  
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor  
$
```





5.



6.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor
$ git init
Initialized empty Git repository in C:/Users/SeeYo/Desktop/nefor/.git/

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

7.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "First Commit"
[master (root-commit) 4286b79] First Commit
1 file changed, 1 insertion(+)
create mode 100644 nefor.html

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

Проверка состояния

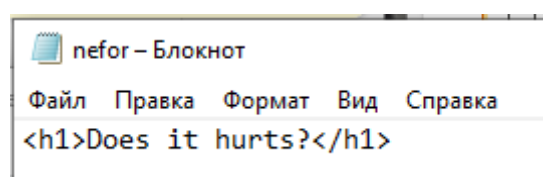
8.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git status
On branch master
nothing to commit, working tree clean

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

Внесение изменений

9.



10.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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:   nefor.html

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

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

## Индексация изменений

11.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   nefor.html

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

## Индексация и коммит

12.

nefor				
Имя	Дата изменения	Тип	Размер	
.git	06.06.2025 9:41	Папка с файлами		
a	06.06.2025 9:45	Опера GX Web Do...	0 КБ	
b	06.06.2025 9:45	Опера GX Web Do...	0 КБ	
nefor	06.06.2025 9:38	Опера GX Web Do...	1 КБ	
v	06.06.2025 9:45	Опера GX Web Do...	0 КБ	

13.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add a.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add b.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Changes for a and b"
[master 070be96] Changes for a and b
3 files changed, 1 insertion(+), 1 deletion(-)
create mode 100644 a.html
create mode 100644 b.html

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

14.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add v.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Unrelated change for v"
[master bfacdf] Unrelated change for v
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 v.html

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

## Коммит изменений

15.

Я не спел сделать скрин но команду я ввел

16.

A screenshot of a Windows command prompt window titled "MINGW64:/c/Users/SeeYo/Desktop/nefor". The terminal displays the output of a `git commit` command, which includes instructions for entering a commit message. The text shown is:  

```
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  
#  
~  
~  
~  
~  
~  
~  
~  
~  
~
```

  
At the bottom of the window, there is a status bar that reads ".git/COMMIT\_EDITMSG[+] [unix] (10:01 06/06/2025)" and "2,15 All". Below this, the first part of the commit message is visible: ":wq".

17.

```
[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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git status
On branch master
nothing to commit, working tree clean

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

Изменения, а не файлы

19.

```
<> nefor.html ●
C: > Users > SeeYo > Desktop > nefor > <> nefor.html > html
1  <html>
2      <body>
3          <h1>Does it hurts?</h1>
4          <h2>Second line</h2>
5      </body>
6  </html>
```

20.

```
<> nefor.html ●
C: > Users > SeeYo > Desktop > nefor > <> nefor.html > html > head
1  <html>
2      <head>
3
4  </head>
5      <body>
6          <h1>Does it hurts?</h1>
7          <h2>Second line</h2>
8      </body>
9  </html>
```

21.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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:   nefor.html

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

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

22.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Add standard HTML tags"
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")

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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:   nefor.html

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

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

```

23.

```

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   nefor.html

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

```

24.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Add HTML header"
[master 563da0a] Add HTML header
1 file changed, 9 insertions(+), 1 deletion(-)

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

```

## 1.2

### История

1.

```
commit 563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master)
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 10:11:45 2025 +0300
```

Add HTML header

```
commit f49b8eee0e324eb1637bb21f36e2ea501d87fc52
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:49:04 2025 +0300
```

Unrelated change for v  
Added h2 tag xd

```
commit 070be9671dbdd01d055cd50eabbd978d29eaa2ec
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:48:14 2025 +0300
```

Changes for a and b

```
commit 4286b7990de2bdbec455c01f362ac03dc08c7605
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:35:49 2025 +0300
```

...skipping...

```
commit 563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master)
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 10:11:45 2025 +0300
```

Add HTML header

```
commit f49b8eee0e324eb1637bb21f36e2ea501d87fc52
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:49:04 2025 +0300
```

Unrelated change for v  
Added h2 tag xd

```
commit 070be9671dbdd01d055cd50eabbd978d29eaa2ec
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:48:14 2025 +0300
```

Changes for a and b

```
commit 4286b7990de2bdbec455c01f362ac03dc08c7605
Author: Nursultan <SeeYouSwapMyMind@gmail.com>
Date: Fri Jun 6 09:35:49 2025 +0300
```

First Commit

~  
~  
~  
~  
~  
~  
~

2.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neFor (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

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

3.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git log --pretty=oneline --max-count=2
563da0a455fac733a20d643e5bd444f3a08a19e2 (HEAD -> master) Add HTML header
f49b8eee0e324eb1637bb21f36e2ea501d87fc52 Unrelated change for v Added h2 tag xd

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

4.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

5.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

6.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

7.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

8.



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

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

## Алиасы

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.co checkout

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.ci commit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.st status

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.br branch

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.hist "log -pretty=format:'%h %ad | %s%d [%an]' --graph --date=short"

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.type 'cat-file -t'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.dump 'cat-file -p'

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

10.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git config --global alias.hist "log --pretty=format:'%h %ad | %s%d [%an]' --graph --date=short"

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

11.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ alias gs='git status '

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ gs
On branch master
nothing to commit, working tree clean

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

## Получение старых версий

12.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

13.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((4286b79...))
$ cat nefor.html
Does it hurts?
```

14.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((4286b79...))
$ git checkout master
Previous HEAD position was 4286b79 First Commit
Switched to branch 'master'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cat nefor.html
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$

```

## Создание тегов версий

15.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag ver1

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

```

16.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((f49b8ee...))
$ cat nefor.html
<h1>Does it hurts?</h1>

```

17.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((f49b8ee...))
$ git tag ver1-beta

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$

```

18.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$
```

19.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$ git tag
ver1
ver1-beta

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$ |
```

20.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((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]

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$ |
```

Отмена локальных изменений (до индексации)

21.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((ver1-beta))
$ git checkout master
Previous HEAD position was f49b8ee Unrelated change for v Added h2 tag xd
Switched to branch 'master'

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

22.

```
<> nefor.html X
C: > Users > SeeYo > Desktop > nefor > <> nefor.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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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")

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

24.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout nefor.html
Updated 1 path from the index

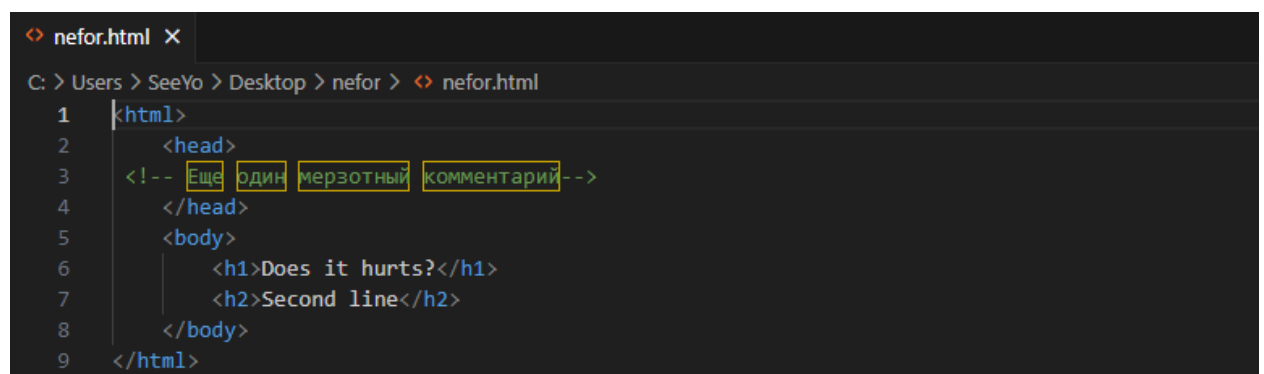
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git st
On branch master
nothing to commit, working tree clean

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cat nefor.html
<html>
  <head>

  </head>
  <body>
    <h1>Does it hurts?</h1>
    <h2>Second line</h2>
  </body>
</html>
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
```

Отмена проиндексированных изменений

25.



```
nefor.html X
C: > Users > SeeYo > Desktop > nefor > nefor.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.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git st
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   nefor.html

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

```

27.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git reset HEAD nefor.html
Unstaged changes after reset:
M       nefor.html

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

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

```

28.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout nefor.html
Updated 1 path from the index

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git st
On branch master
nothing to commit, working tree clean

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

```

## Отмена коммитов

29.

```

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

```

30.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

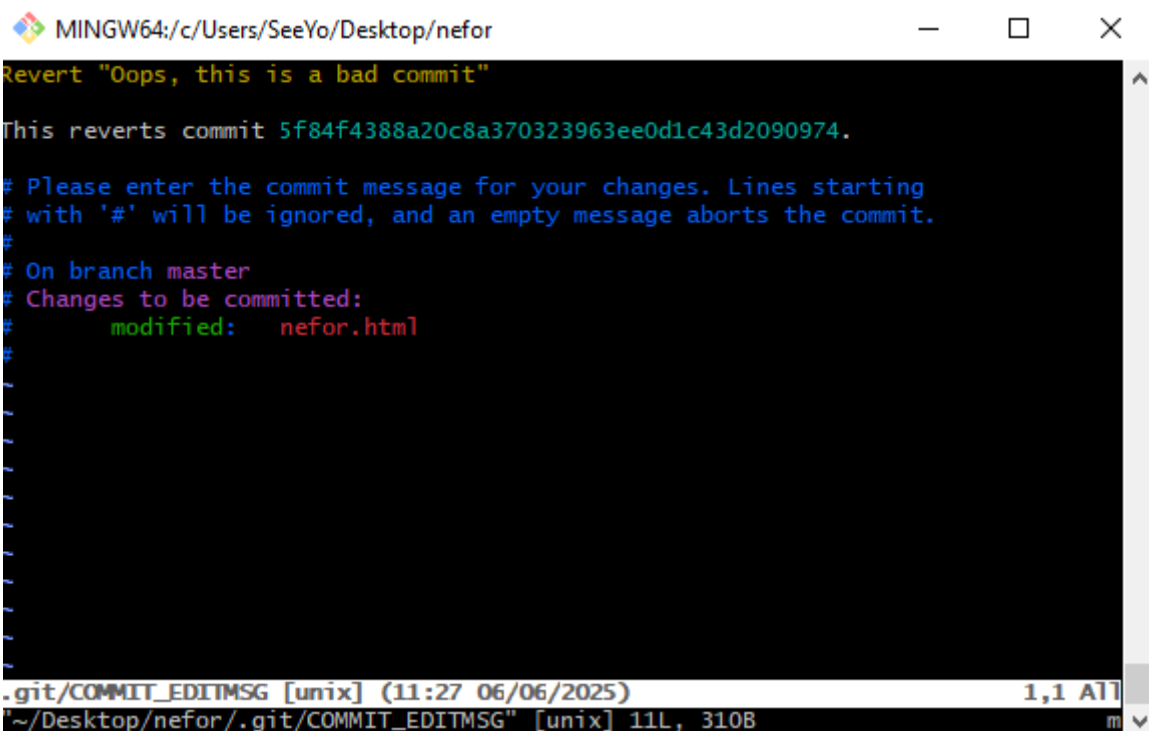
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Oops, this is a bad commit"
[master 5f84f43] Oops, this is a bad commit
1 file changed, 1 insertion(+)

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

31.

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

32.



```
MINGW64: c:/Users/SeeYo/Desktop/nefor
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
#

.git/COMMIT_EDITMSG [unix] (11:27 06/06/2025) 1,1 All
~/Desktop/nefor/.git/COMMIT_EDITMSG" [unix] 11L, 310B m
```

33.

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

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

```
.git/COMMIT_
:wq
```

Я закрыл редактор при помощи данной команды

34.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

35.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag oops

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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



36.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git reset --hard ver1
HEAD is now at 563da0a Add HTML header

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

37.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git hist --all
* 030a15b 2025-06-06 | evert "Oops, this is a bad commit" (tag: ooops) [Nursultan]
* 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]

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

38.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag -d ooops
Deleted tag 'oops' (was 030a15b)

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

1.3

1.

```
nefor.html
C: > Users > SeeYo > Desktop > nefor > nefor.html > 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>
10 </html>
```

2.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Add an author comment"
[master 60708b8] Add an author comment
1 file changed, 1 insertion(+)

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

3.

```
nefor.html X
C: > Users > SeeYo > Desktop > nefor > nefor.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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add nefor.html

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

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

5.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

```

## Перемещение файлов

6.

```

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git mv nefor.html lib

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git status
On branch master
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        renamed:    nefor.html -> lib/nefor.html

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

```

7.

```

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

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

```

## Подробнее о структуре

8.



```

index.html
1 <html>
2   <body>
3     <iframe src="lib/nefor.html" width="200" height="200"></iframe>
4   </body>
5 </html>

```

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add index.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Added index.html"
[master da5b280] Added index.html
1 file changed, 1 insertion(+), 1 deletion(-)

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

10.



11.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ ls -C .git
COMMIT_EDITMSG  ORIG_HEAD  description  index  logs/  refs/
HEAD           config     hooks/       info/  objects/

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

12.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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/

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

13.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ ls -C .git/objects/ff
b451727fc1c0a393a19be0e278416504b814ef

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

14.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cat .git/config
[core]
    repositoryformatversion = 0
    filemode = false
    bare = false
    logallrefupdates = true
    symlinks = false
    ignorecase = true

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

15.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ ls .git/refs
heads/  tags/

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ ls .git/refs/heads
master

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ ls .git/refs/tags
ver1  ver1-beta

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cat .git/refs/tags/ver1
563da0a455fac733a20d643e5bd444f3a08a19e2

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

16.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ cat .git/HEAD
ref: refs/heads/master

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

Работа с объектами git

17.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git hist --max-count=1
* da5b280 2025-06-06 | Added index.html (HEAD -> master) [Nursultan]

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

18.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git cat-file -t da5b280
commit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

```

19.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git type da5b280
commit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

```

20.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

```

21.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git cat-file -p b30d6f9bb
100644 blob 26cd957a00fc13151ba81255cb43d3048098ea17    nefor.html

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

```

22.

```

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

```

23.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

```

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git cat-file -p 4286b79
tree 4f6f8d68e59062ef746435b72a345b8e26e5b784
author Nursultan <SeeYouSwapMyMind@gmail.com> 1749191749 +0300
committer Nursultan <SeeYouSwapMyMind@gmail.com> 1749191749 +0300

First Commit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git cat-file -p 4f6f8d6
100644 blob d0957230ffd6f01be3055abe01ce5d3f3b0edbe9    nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git cat-file -p d095723
Does it hurts?
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$

```

Does it hurts?

## 1.4

### Создание ветки

1.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout -b style
Switched to a new branch 'style'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git status
On branch style
nothing to commit, working tree clean
```

2.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ touch lib/style.css
```

3.

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

4.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

5.

```
nefor.html X
C: > Users > SeeYo > Desktop > nefor > 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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git add lib/nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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 > SeeYo > Desktop > nefor > 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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git add index.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git commit -m "Update index.html"
[style b814056] Update index.html
1 file changed, 3 insertions(+)

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

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

10.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout master
Switched to branch 'master'

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

```

11.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout style
Switched to branch 'style'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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>
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ |

```

Изменения в ветке master

12.

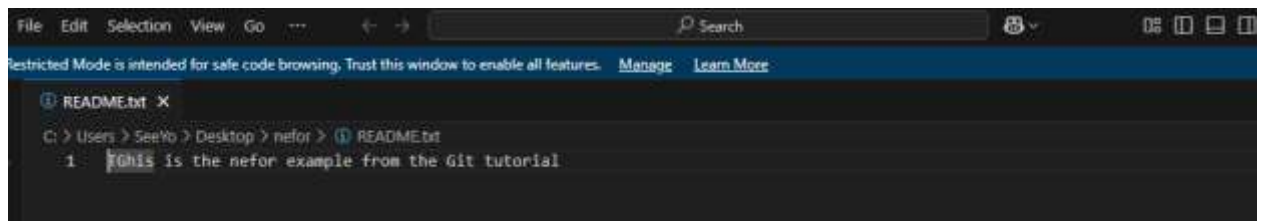
```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout master
Switched to branch 'master'

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

```

13.



14.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add README.txt

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Added README"
[master cb5c278] Added README
1 file changed, 1 insertion(+)
create mode 100644 README.txt

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

```

15.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git hist --all
* cb5c278 2025-06-06 | Added README (HEAD -> master) [Nursultan]
| * c9ca3f6 2025-06-06 | Critical save from bugs pizdec (style) [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]

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

```

## Слияние

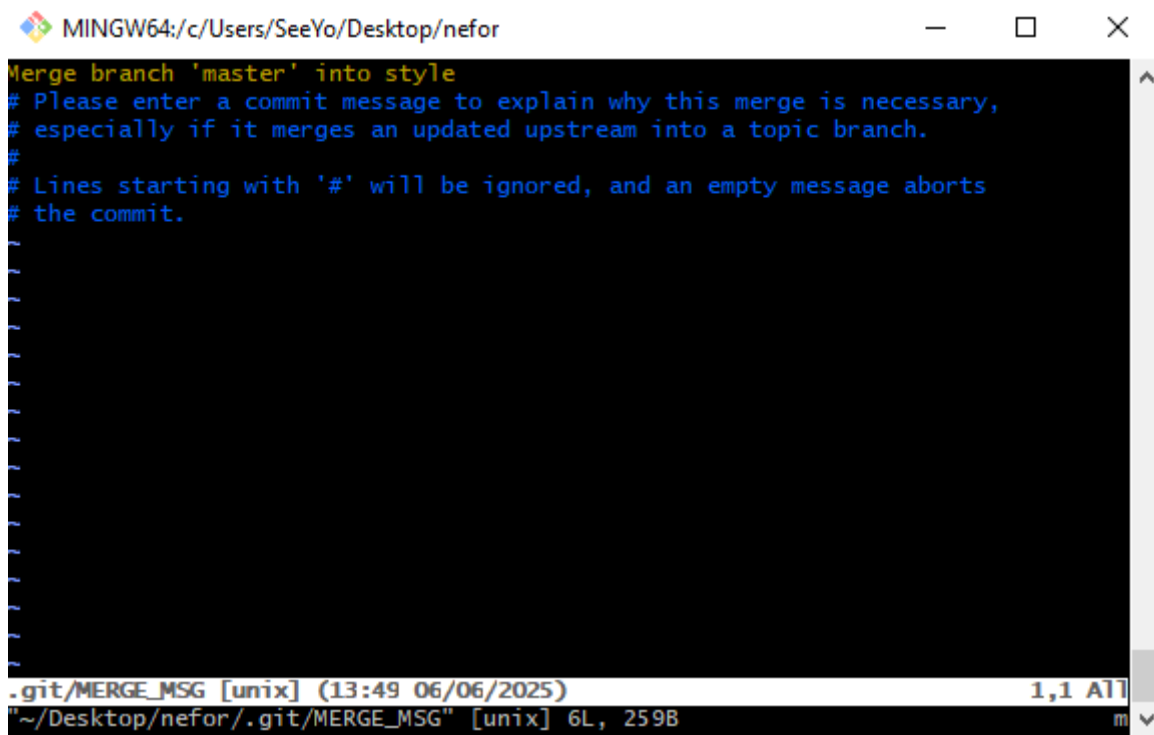
16.

Я написал но у меня открылось окно быстро поэтому следующее окно будет с тем окном что у меня открылось

17.

Я написал но у меня открылось окно быстро поэтому следующее окно будет с тем окном что у меня открылось

18.



MINGW64:/c/Users/SeeYo/Desktop/nefor

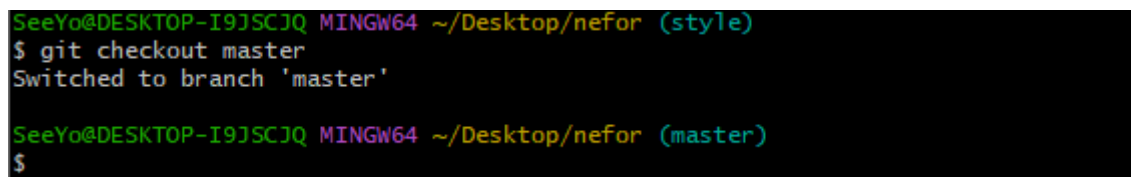
```
Merge branch 'master' into style
# Please enter a commit message to explain why this merge is necessary,
# especially if it merges an updated upstream into a topic branch.
#
# Lines starting with '#' will be ignored, and an empty message aborts
# the commit.

```

.git/MERGE\_MSG [unix] (13:49 06/06/2025) 1,1 All  
~/Desktop/nefor/.git/MERGE\_MSG" [unix] 6L, 259B

Создание конфликта

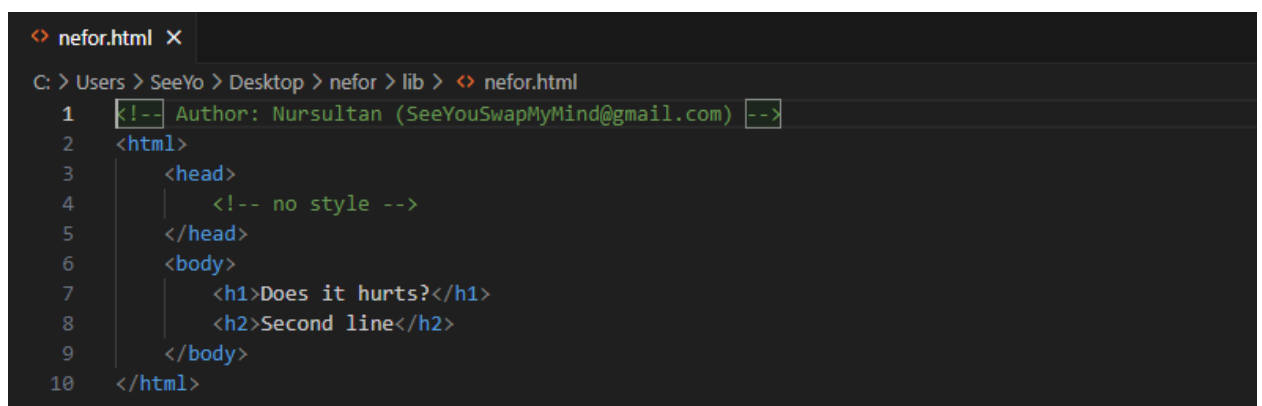
19.



```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout master
Switched to branch 'master'

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

20.



```
nefor.html x
C: > Users > SeeYo > Desktop > nefor > 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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add lib/nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Life is great!"
[master e30824d] Life is great!
1 file changed, 1 insertion(+), 1 deletion(-)

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

## Разрешение конфликтов

23.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout style
Switched to branch 'style'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style|MERGING)
$
```

24.

```
nefor.html X
C: > Users > SeeYo > Desktop > nefor > lib > nefor.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>
```

25.

```
nefor.html ●
C: > Users > SeeYo > Desktop > nefor > lib > nefor.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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style|MERGING)
$ git add lib/nefor.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style|MERGING)
$ git commit -m "Marged master fixed conflict"
[style 3f2602f] Marged master fixed conflict

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ |
```

1.5

## Работа с Git

1.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout style
Already on 'style'
```

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git reset --hard 6290715
HEAD is now at 6290715 Added index.html

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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]

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

```

Сброс ветки master

3.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout master
Switched to branch 'master'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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 index.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]

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

```

4.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git reset --hard e30824d
HEAD is now at e30824d Life is great!

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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 index.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]

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

```

Перебазирование

5.



```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git checkout style
Switched to branch 'style'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git rebase master
Successfully rebased and updated refs/heads/style.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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 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]

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

```

Слияние в ветку master

6.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (style)
$ git checkout master
Switched to branch 'master'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git merge style
Already up to date.

```

7.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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 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]

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

```

Клонирование репозитория

8.

```

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~
$ pwd
/c/Users/SeeYo

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~
$ cd Desktop

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ git clone nefor neformal
Cloning into 'neformal'...
done.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ ls
'Buckshot Roulette.url'
'Bugsnax.url'
'Content Warning.url'
'Counter-Strike 2.url'
'Dead Cells.url'
'Devil May Cry 5.url'
'Devil May Cry HD Collection.url'
'Discord.Ink*'
'Dota 2.url'
'Far Cry® 3.url'
'Fisch Macro V11 но без камеры графики и блюра.ahk'
'Fortnite.url'
'I Wani Hug that Gator!.url'
'JoJo's Bizarre Adventure All-Star Battle R.url'
'Little Nightmares.url'
'METAL GEAR RISING REVENGEANCE.url'
'One-armed cook.url'
'PixARK.url'
'Portal.url'
'Pumpkin Jack.url'
'Risk of Rain 2.url'
'Roblox Player.Ink*'
'Slime Rancher.url'
'SlimeRancher-2024-09-27-07-36-58-29.png'
'Sonic Adventure™ 2.url'
'The WereCleaner Soundtrack.url'
'The WereCleaner.url'
'ULTRAKILL.url'
'Undertale.url'
'VRChat.url'
'Visual Studio Code.Ink*'
'desktop.ini'
'nefor/'
'nefor.html'
'neformal/'
'praktik.7z'
'Прочее/'
'Прочее 2'/'
'Симулятор ОЛЕЕЕЕНЯ (DEEEER Simulator).url'
'Хуйня для учебы'/'
'Этот компьютер.Ink*'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$

```

НЕ СПЕШИТЕ СНИЖАТЬ МНЕ БАЛЛ!!!!!!!!!!!!!!

Объясняю: В начале 1го задания я делал все задания именно на Рабочем столе и папке nefor, но затем я заметил, что в приложениях папка Рабочего стола поменялась на папку документы. Не найдя лучшего решения, я просто продолжил делать в папке рабочего стола, чтобы я не запутался в собственной работе. Именно поэтому я клонировал папку на Рабочий стол. А

так сам принцип работы команды git clone усвоен, но адаптирован под мое условие. Прошу не снижайте балл пожалуйста 🙏🙏🙏🙏🙏🙏🙏

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.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (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 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]

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

Origin

11.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git remote
origin

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (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)

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

Удаленные ветки

12.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch
* master

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch -a
* master
remotes/origin/HEAD -> origin/master
remotes/origin/master
remotes/origin/style

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

1.6

## Работа с Git

1.

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

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

2.

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

3.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add README
fatal: pathspec 'README' did not match any files

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add README.txt

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Changed README in original repo"
[master e8ddf4e] Changed README in original repo
1 file changed, 2 insertions(+), 1 deletion(-)

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

4.

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (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

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

5.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git hist --all
* e8ddf4e 2025-06-06 | Changed README in original repo (origin/master, origin/HEAD) [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 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]

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

6.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ cat README.txt
Tghis is the nefor example from the Git tutorial
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$
```

7.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git merge origin/master
Updating e30824d..e8ddf4e
Fast-forward
 README.txt | 3 ++-
 1 file changed, 2 insertions(+), 1 deletion(-)

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

8.

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

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git pull
Already up to date.

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

10.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch --track style origin/style
branch 'style' set up to track 'origin/style'.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch -a
* master
  style
remotes/origin/HEAD -> origin/master
remotes/origin/master
remotes/origin/style

SeeYo@DESKTOP-I9JSCJQ 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]

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

```
SeeYo@DESKTOP-I9JSCJQ 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]

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

11.

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ git clone --bare nefor nefor.git
Cloning into bare repository 'nefor.git'...
done.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ ls nefor.git
HEAD config description hooks/ info/ objects/ packed-refs refs/

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop
$ |
```

12.

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git remote add shared ../nefor.git

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

13.

```
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 and pushed to shared)]
```

14.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git add README.txt

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git commit -m "Added shared comment to README"
[master 87fd44d] Added shared comment to README
1 file changed, 1 insertion(+), 1 deletion(-)

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

15.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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

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

16.

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

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

17.



```

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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git remote add shared ../nefor.git
error: remote shared already exists.

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch --track shared master
branch 'shared' set up to track 'master'.

SeeYo@DESKTOP-I9JSCJQ 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

```

```

$ git remote add shared ../nefor.git
error: remote shared already exists.

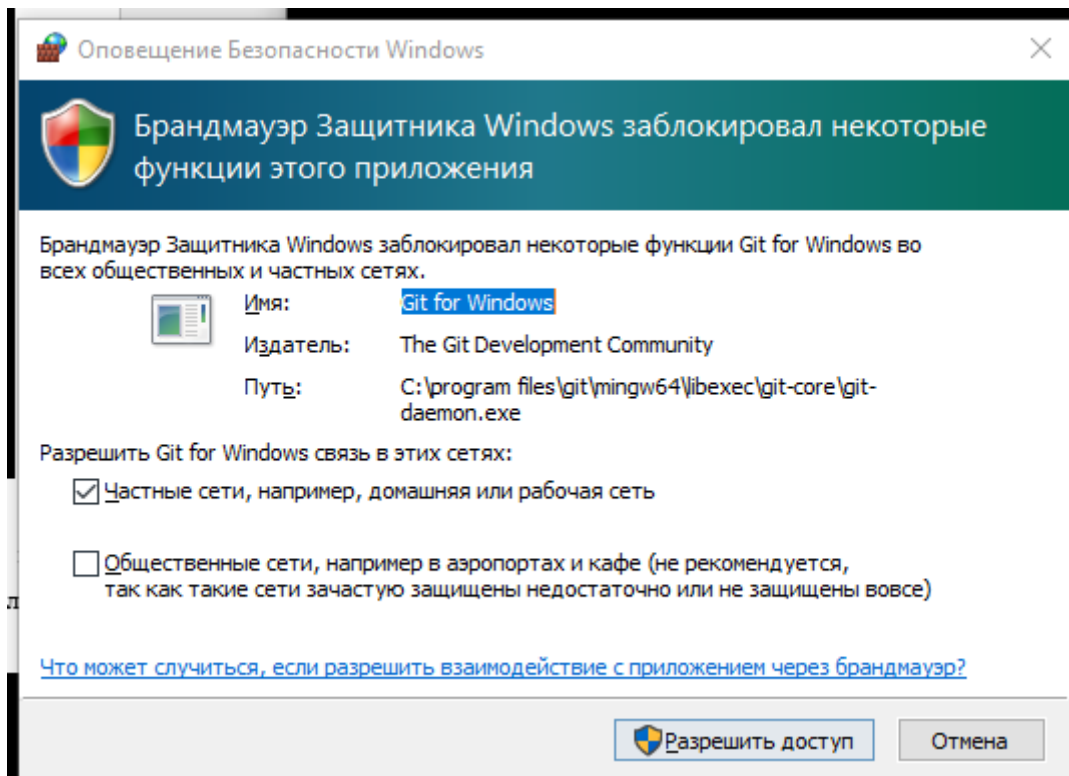
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git branch --track shared master
branch 'shared' set up to track 'master'.

SeeYo@DESKTOP-I9JSCJQ 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(-)

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

```





```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git daemon --verbose --export-all --base-path=.
[10816] Ready to rumble
```

19.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal (master)
$ git clone ~/Desktop/nefor.git network_hello
Cloning into 'network_hello'...
done.

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

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

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

1.7

Работа с Git

1.

```

SeeYo@DESKTOP-I9JSCJQ 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.

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

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

SeeYo@DESKTOP-I9JSCJQ 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.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote add pb https://github.com/paulbone/ticgit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remove -v
git: 'remove' is not a git command. See 'git --help'.

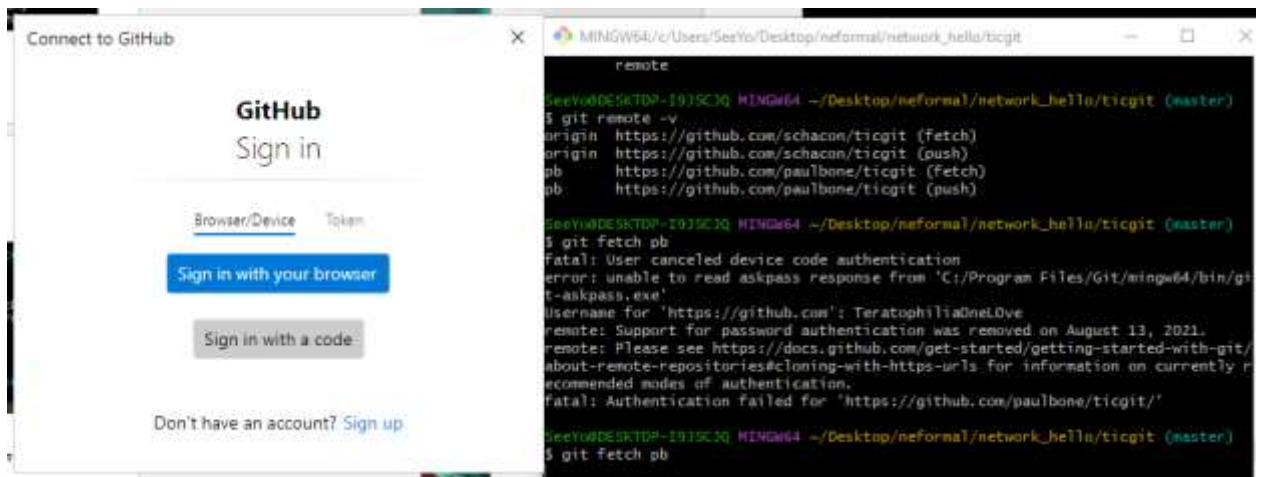
The most similar command is
    remote

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)
pb      https://github.com/paulbone/ticgit (fetch)
pb      https://github.com/paulbone/ticgit (push)

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

```

4.



5.

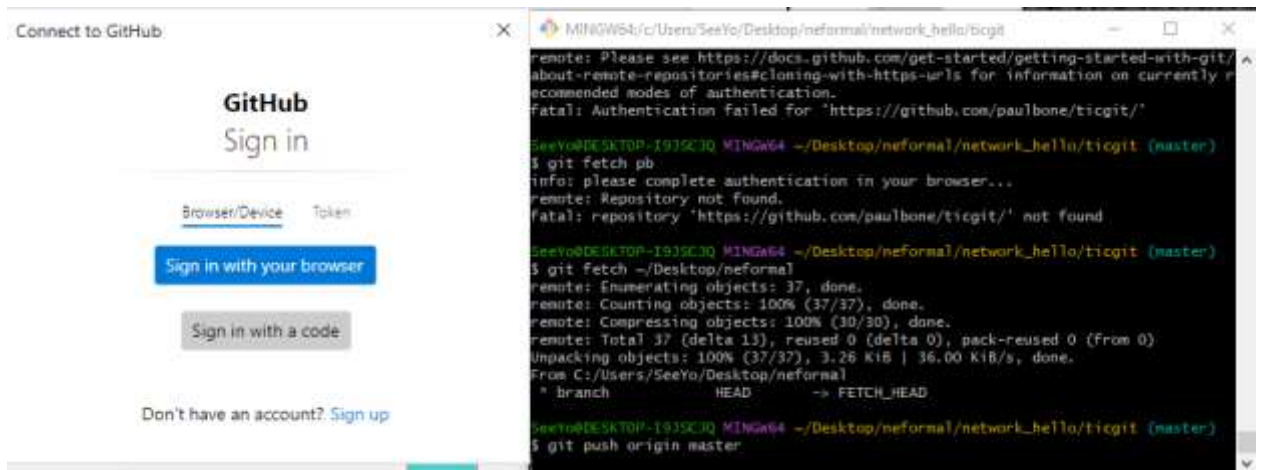
```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git fetch ~/Desktop/neformal
remote: Enumerating objects: 37, done.
remote: Counting objects: 100% (37/37), done.
remote: Compressing objects: 100% (30/30), done.
remote: Total 37 (delta 13), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (37/37), 3.26 KiB | 36.00 KiB/s, done.
From C:/Users/SeeYo/Desktop/neformal
 * branch          HEAD      -> FETCH_HEAD

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

```

6.



```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git push origin master
info: please complete authentication in your browser...
remote: Permission to schacon/ticgit.git denied to TeratophiliaOneLove.
fatal: unable to access 'https://github.com/schacon/ticgit/': The requested URL returned error: 403

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

```

У меня браузер не грузит =(

7.

```
SeeYo@DESKTOP-I9JSCJQ 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)

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

8.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote rename pb paul

SeeYo@DESKTOP-I9JSCJQ 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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote
origin
paul

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

9.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/neformal/network_hello/ticgit (master)
$ git remote remove paul

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

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

10.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag
ver1
ver1-beta

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

11.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag -a v2.1 -m "My version 2.1"

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag
v2.1
ver1
ver1-beta

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag v2.1-lw

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag
v2.1
v2.1-lw
ver1
ver1-beta
ver3

```

14.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git show v2.1-1w
commit 87fd44d0793f7cbbe364f587a24d89cacc97466f (HEAD -> master, tag: v2.1-1w, 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.

```

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git log --pretty=oneline
87fd44d0793f7cbbe364f587a24d89cacc97466f (HEAD -> master, tag: v2.1-1w, 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
4286b7990de2bdbec455c01f362ac03dc08c7605 First Commit

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

```

16.

Не успел заскринить но команду я ввел

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

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

21.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git tag -d v2.1-lw
Deleted tag 'v2.1-lw' (was 87fd44d)

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

22.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (master)
$ git push shared :refs/tags/v2.1-lw
To ../nefor.git
- [deleted]          v2.1-lw

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

23.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (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-I9JSCJQ MINGW64 ~/Desktop/nefor ((v2.1))
$
```

24.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor ((v2.1))
$ git checkout -b version2 v2.1
Switched to a new branch 'version2'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$
```

25.



```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.co checkout

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.br branch

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.ci commit

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.st status

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$
```

26.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.unstage 'reset HEAD --'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ |
```

27.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git unstage fileA

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git reset HEAD -- fileA

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$
```

28.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.last 'log -1 HEAD'

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ |
```

29.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git last
commit 87fd44d0793f7cbbe364f587a24d89cacc97466f (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

SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$
```

30.

```
SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$ git config --global alias.visual '!gitk'


SeeYo@DESKTOP-I9JSCJQ MINGW64 ~/Desktop/nefor (version2)
$
```

Подпись

Обучающийся

Шадыбеков Нурсултан

(Ф.И.О. полностью)

  
\_\_\_\_\_  
(подпись)