

GitHub repository page for AlexeiTarasau / TeachMeSkills (Private).

Navigation: <> Code, Issues, Pull requests, Actions, Projects, Security, Insights, Settings.

Branch: main (1 branch, 0 tags). Buttons: Go to file, Add file, <> Code.

Commit history:

Commit	Message	Time
AlexeiTarasau Create README.md	8e764e2 9 minutes ago	5 commits
Home work Bash.pdf	Add files via upload	2 weeks ago
README.md	Create README.md	9 minutes ago
create_user.sh	adding scripts	2 weeks ago
install_MariaDB.sh	adding scripts	2 weeks ago
pinganator.sh	adding scripts	2 weeks ago

README.md content:

```
TeachMeSkills
```

Задание 1. Создаём 3 файла, делаем 5 коммитов и выводим лог.

```
alex@alex-VirtualBox: ~/projects/TeachMeSkills$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

nothing to commit, working tree clean
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   file2.txt

alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "2 files"
[main b9ab935] 2 files
 2 files changed, 2 insertions(+)
 create mode 100644 file2.txt
 create mode 100644 file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
On branch main
Your branch is ahead of 'origin/main' by 2 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file1.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file1.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "Change file1"
[main 2c25427] Change file1
 1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
On branch main
Your branch is ahead of 'origin/main' by 3 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "Change file2"
[main 3fd5f4f] Change file2
 1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "Change file3"
[main f79d163] Change file3
 1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
On branch main
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)

nothing to commit, working tree clean
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log -p
commit f79d163659b57617d9975dcb882eb9f3afb7cda1 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date:   Mon Jun 19 16:22:30 2023 +0300
```

Change file3

```
diff --git a/file3.txt b/file3.txt
index cd08755..a3faf4b 100644
--- a/file3.txt
+++ b/file3.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

```
commit 3fd5f4fd9ab7528a7bd6d5c6b3d6e657b36161bb
Author: AlexeiTarasau <Alextt85@mail.ru>
Date:   Mon Jun 19 16:21:02 2023 +0300
```

Change file2

```
diff --git a/file2.txt b/file2.txt
index cd08755..a3faf4b 100644
--- a/file2.txt
+++ b/file2.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

```
commit f79d163659b57617d9975dcb882eb9f3afb7cda1 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date:   Mon Jun 19 16:22:30 2023 +0300
```

Change file3

```
diff --git a/file3.txt b/file3.txt
index cd08755..a3faf4b 100644
--- a/file3.txt
+++ b/file3.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

```
commit 3fd5f4fd9ab7528a7bd6d5c6b3d6e657b36161bb
Author: AlexeiTarasau <Alextt85@mail.ru>
Date:   Mon Jun 19 16:21:02 2023 +0300
```

Change file2

```
diff --git a/file2.txt b/file2.txt
index cd08755..a3faf4b 100644
--- a/file2.txt
+++ b/file2.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

```
commit f79d163659b57617d9975dcb882eb9f3afb7cda1 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Mon Jun 19 16:22:30 2023 +0300
```

Change file3

```
diff --git a/file3.txt b/file3.txt
index cd08755..a3faf4b 100644
--- a/file3.txt
+++ b/file3.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

```
commit 3fd5f4fd9ab7528a7bd6d5c6b3d6e657b36161bb
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Mon Jun 19 16:21:02 2023 +0300
```

Change file2

```
diff --git a/file2.txt b/file2.txt
index cd08755..a3faf4b 100644
--- a/file2.txt
+++ b/file2.txt
@@ -1,1 @@
-Hello world!
+Hello world from me!
```

:

Задание 2. Переходим к предыдущему коммиту.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
d180436 (HEAD -> main) HEAD@{0}: commit (amend): Change file3
f79d163 HEAD@{1}: commit: Change file3
3fd5f4f HEAD@{2}: commit: Change file2
2c25427 HEAD@{3}: commit: Change file1
b9ab935 HEAD@{4}: commit: 2 files
d5a9920 HEAD@{5}: commit: First file
077dc0d (origin/main, origin/HEAD) HEAD@{6}: commit: adding scripts
61c1f25 HEAD@{7}: clone: from https://github.com/AlexeiTarasau/TeachMeSkills.git
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout 3fd5f4f
Note: switching to '3fd5f4f'.
```

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 3fd5f4f Change file2

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git relog
3fd5f4f (HEAD) HEAD@{0}: checkout: moving from main to 3fd5f4f
d180436 (main) HEAD@{1}: commit (amend): Change file3
f79d163 HEAD@{2}: commit: Change file3
3fd5f4f (HEAD) HEAD@{3}: commit: Change file2
2c25427 HEAD@{4}: commit: Change file1
b9ab935 HEAD@{5}: commit: 2 files
d5a9920 HEAD@{6}: commit: First file
077dc0d (origin/main, origin/HEAD) HEAD@{7}: commit: adding scripts
61c1f25 HEAD@{8}: clone: from https://github.com/AlexeiTarasau/TeachMeSkills.git
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

Или второй способ:

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git relog
7bd8838 (HEAD -> main) HEAD@{0}: commit: Change file3
dc7d7e7 HEAD@{1}: commit: Change file3
d180436 (develop) HEAD@{2}: checkout: moving from dev to main
652586b (dev) HEAD@{3}: checkout: moving from main to dev
d180436 (develop) HEAD@{4}: reset: moving to HEAD~
652586b (dev) HEAD@{5}: commit: file7
d180436 (develop) HEAD@{6}: checkout: moving from develop to main
d180436 (develop) HEAD@{7}: checkout: moving from main to develop
d180436 (develop) HEAD@{8}: reset: moving to HEAD~
be80bea HEAD@{9}: commit: file6
d180436 (develop) HEAD@{10}: checkout: moving from develop to main
```



```

2c23427 HEAD@{25}: commit: Change file1
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reset HEAD@{1}
Unstaged changes after reset:
M       file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
dc7d7e7 (HEAD -> main) HEAD@{0}: reset: moving to HEAD@{1}
7bd8838 HEAD@{1}: commit: Change file3
dc7d7e7 (HEAD -> main) HEAD@{2}: commit: Change file3
d180436 (develop) HEAD@{3}: checkout: moving from dev to main
652586b (dev) HEAD@{4}: checkout: moving from main to dev
d180436 (develop) HEAD@{5}: reset: moving to HEAD~
652586b (dev) HEAD@{6}: commit: file7

```

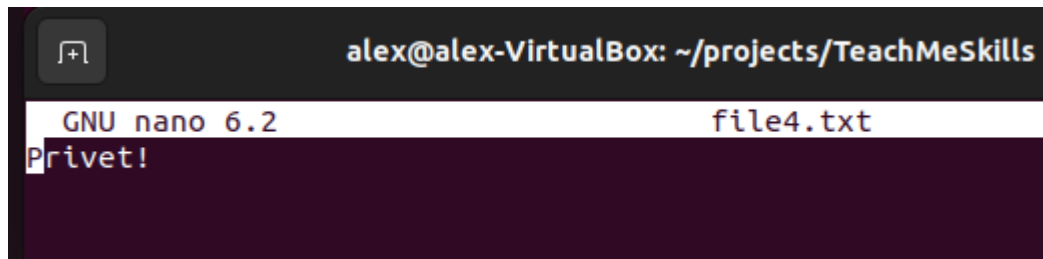
Задание 3. Создаём новую ветку develop.

```

alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
* (HEAD detached at d180436)
  main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch develop
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
* (HEAD detached at d180436)
  develop
  main
alex@alex-VirtualBox:~/projects/TeachMeSkills$

```

Задание 4. Создаём новый файл с содержимым.



```

alex@alex-VirtualBox: ~/projects/TeachMeSkills
GNU nano 6.2 file4.txt
Privet!

```

Коммитим его, добавляем изменение, снова коммитим с изменением.

```

alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file4.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
HEAD detached at d180436
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   file4.txt

alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "File4"
[detached HEAD 744c9af] File4
 1 file changed, 1 insertion(+)
 create mode 100644 file4.txt

```

```
alex@alex-VirtualBox: ~/projects/TeachMeSkills
GNU nano 6.2 file4.txt
Privet! Sorry, Hello!
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file4.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit --amend --no-edit
[detached HEAD 74b6d92] File4
Date: Mon Jun 19 17:48:31 2023 +0300
1 file changed, 1 insertion(+)
create mode 100644 file4.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git status
HEAD detached from d180436
nothing to commit, working tree clean
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
74b6d92 (HEAD) HEAD@{0}: commit (amend): File4
744c9af HEAD@{1}: commit: File4
d180436 (main, develop) HEAD@{2}: checkout: moving from 3fd5f4fd9ab7528a7bd6d5c6
b3d6e657b36161bb to d180436
3fd5f4f HEAD@{3}: checkout: moving from main to 3fd5f4f
d180436 (main, develop) HEAD@{4}: commit (amend): Change file3
f79d163 HEAD@{5}: commit: Change file3
3fd5f4f HEAD@{6}: commit: Change file2
2c25427 HEAD@{7}: commit: Change file1
b9ab935 HEAD@{8}: commit: 2 files
d5a9920 HEAD@{9}: commit: First file
077dc0d (origin/main, origin/HEAD) HEAD@{10}: commit: adding scripts
61c1f25 HEAD@{11}: clone: from https://github.com/AlexeiTarasau/TeachMeSkills.git
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

5. Делаем новый коммит в main.



```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
* (HEAD detached from d180436)
  develop
  main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout main
Warning: you are leaving 1 commit behind, not connected to
any of your branches:

    74b6d92 File4

If you want to keep it by creating a new branch, this may be a good time
to do so with:

    git branch <new-branch-name> 74b6d92

Switched to branch 'main'
Your branch is ahead of 'origin/main' by 5 commits.
  (use "git push" to publish your local commits)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
  develop
* main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano File5.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "File5"
[main bb5e6ab] File5
 1 file changed, 1 insertion(+)
 create mode 100644 File5.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

6. Меняем ветку для последнего коммита.

```

alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
  develop
* main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file7.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add.
git: 'add.' is not a git command. See 'git --help'.

The most similar command is
  add
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "file7"
[main 652586b] file7
 1 file changed, 1 insertion(+)
 create mode 100644 file7.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch dev
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reset HEAD~ --hard
HEAD is now at d180436 Change file3
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout dev
Switched to branch 'dev'
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 652586bb1eb365067d1216fc508e03ea05128b82 (HEAD -> dev)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 12:10:08 2023 +0300

    file7

commit d1804360ea7f6b4aed6ecd159b5736578627dc8c (main, develop)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Mon Jun 19 16:22:30 2023 +0300

```

7. Заходим в файл3 и смотрим что там, затем меняем текст.

```

alex@alex-VirtualBox: ~/projects/TeachMeSkills
GNU nano 6.2 file3.txt
Hello world from me!

```

```

alex@alex-VirtualBox: ~/projects/TeachMeSkills
GNU nano 6.2 file3.txt *
Hello world and everybody!

```

Делаем коммит.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "Change file3"
[main 7bd8838] Change file3
 1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

8. Отменяем изменения в файле через откат к предыдущему состоянию и проверяем.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 7bd8838b9cf741e19bc0cc68df6ada82851107cf (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 12:30:40 2023 +0300

    Change file3

commit dc7d7e71425800603134bc8a3910d2222c8a5374
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 12:16:17 2023 +0300

    Change file3

commit d1804360ea7f6b4aed6ecd159b5736578627dc8c (develop)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Mon Jun 19 16:22:30 2023 +0300

    Change file3

commit 3fd5f4fd9ab7528a7bd6d5c6b3d6e657b36161bb
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Mon Jun 19 16:21:02 2023 +0300

    Change file2

commit 2c25427ebcd34bb74bdd7f45213e491f05442b60
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout d1804360 -- file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano file3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox: ~/projects/TeachMeSkills

GNU nano 6.2 file3.txt
Hello world from me!
```

9. Делаем всё заново.

9.0. Сносим всё и заново клонируем репозиторий.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ cd ..
alex@alex-VirtualBox:~/projects$ sudo rm -r TeachMeSkills
alex@alex-VirtualBox:~/projects$ ls
Alex
alex@alex-VirtualBox:~/projects$ git clone https://github.com/AlexeiTarasau/TeachMeSkills.git
Cloning into 'TeachMeSkills'...
Username for 'https://github.com': AlexeiTarasau
Password for 'https://AlexeiTarasau@github.com':
remote: Enumerating objects: 16, done.
remote: Counting objects: 100% (16/16), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 16 (delta 1), reused 4 (delta 0), pack-reused 0
Receiving objects: 100% (16/16), 1.19 MiB | 1.80 MiB/s, done.
Resolving deltas: 100% (1/1), done.
alex@alex-VirtualBox:~/projects$ cd TeachMeSkills/
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

9.1. Создаём 3 файла, делаем 5 коммитов и выводим лог.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My1.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "first file"
[main f2fccd1] first file
1 file changed, 1 insertion(+)
create mode 100644 My1.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "second file"
[main 3b2d187] second file
1 file changed, 1 insertion(+)
create mode 100644 My2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "third file"
[main 2e16fa7] third file
1 file changed, 1 insertion(+)
create mode 100644 My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My1.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "change file1"
[main 4f92344] change file1
1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "change file2"
[main 81e248f] change file2
1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log -p
commit 81e248fd4ddc76eabbaedf672fb64c34242ed255 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:20:01 2023 +0300
```

```
change file2
```

```
diff --git a/My2.txt b/My2.txt
index cd08755..fbdc39d 100644
--- a/My2.txt
+++ b/My2.txt
@@ -1,1 @@
-Hello world!
+Changed file2!
```

```
commit 4f923442140d9240424d252d7635a9ea74af583a
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:19:19 2023 +0300
```

```
change file1
```

```
diff --git a/My1.txt b/My1.txt
index 10ddd6d..f21fb61 100644
--- a/My1.txt
+++ b/My1.txt
@@ -1,1 @@
-Hello!
+Changed fail 1!
```

```
:...skipping...
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 81e248fd4ddc76eabbaedf672fb64c34242ed255 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:20:01 2023 +0300

    change file2

commit 4f923442140d9240424d252d7635a9ea74af583a
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:19:19 2023 +0300

    change file1

commit 2e16fa7cddf047638e8fe449759ab4ac7a414190
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:17:55 2023 +0300

    third file

commit 3b2d1871ab3f2986b8a5ac60199cbb00262d6933
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:16:51 2023 +0300

    second file

commit f2fccd1fd4dcd4a132d5ff174a6c377733273893
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:15:46 2023 +0300

    first file
```

9.2. Переходим к предыдущему коммиту.



```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
81e248f (HEAD -> main) HEAD@{0}: commit: change file2
4f92344 HEAD@{1}: commit: change file1
2e16fa7 HEAD@{2}: commit: third file
3b2d187 HEAD@{3}: commit: second file
f2fccd1 HEAD@{4}: commit: first file
8e764e2 (origin/main, origin/HEAD) HEAD@{5}: clone: from https://github.com/Alexei
Tarasau/TeachMeSkills.git
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reset HEAD@{1}
Unstaged changes after reset:
M       My2.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
4f92344 (HEAD -> main) HEAD@{0}: reset: moving to HEAD@{1}
81e248f HEAD@{1}: commit: change file2
4f92344 (HEAD -> main) HEAD@{2}: commit: change file1
2e16fa7 HEAD@{3}: commit: third file
3b2d187 HEAD@{4}: commit: second file
f2fccd1 HEAD@{5}: commit: first file
8e764e2 (origin/main, origin/HEAD) HEAD@{6}: clone: from https://github.com/Alexei
Tarasau/TeachMeSkills.git
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

9.3. Создаём ветку develop.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
* main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch develop
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
develop
* main
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

9.4. Изменяем файл3, коммитим.

```
alex@alex-VirtualBox: ~/projects/TeachMeSkill
GNU nano 6.2 My3.txt *
Hello all. !
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "change file3"
[main e91e334] change file3
2 files changed, 2 insertions(+), 2 deletions(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

Снова изменяем файл (убираем точку и пробел).

```
alex@alex-VirtualBox: ~/projects/Tea
GNU nano 6.2 My3.txt
Hello all!
```

Коммитим его с изменениями.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit --amend --no-edit
[main a977de2] change file3
Date: Thu Jun 22 14:32:53 2023 +0300
1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reflog
a977de2 (HEAD -> main) HEAD@{0}: commit (amend): change file3
e91e334 HEAD@{1}: commit: change file3
4f92344 (develop) HEAD@{2}: reset: moving to HEAD@{1}
81e248f HEAD@{3}: commit: change file2
4f92344 (develop) HEAD@{4}: commit: change file1
2e16fa7 HEAD@{5}: commit: third file
3b2d187 HEAD@{6}: commit: second file
f2fccd1 HEAD@{7}: commit: first file
8e764e2 (origin/main, origin/HEAD) HEAD@{8}: clone: from https://github.com/AlexeiTarasau/TeachMeSkills.git
```

9.5. Создаём новый файл и делаем коммит в main.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch
develop
* main
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My4.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "file4"
[main 79164e2] file4
1 file changed, 1 insertion(+)
create mode 100644 My4.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

9.6. Меняем ветку для последнего коммита.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 79164e240fdd8abc2bdf30bce41d8889978c017e (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:42:19 2023 +0300

    file4
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git branch dev
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git reset HEAD~ --hard
HEAD is now at a977de2 change file3
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout dev
Switched to branch 'dev'
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 79164e240fdd8abc2bdf30bce41d8889978c017e (HEAD -> dev)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:42:19 2023 +0300

    file4
```

9.7. Проверяем содержимое My3.txt, изменяем его и делаем коммит.

```
alex@alex-VirtualBox: ~/projects/Tea
GNU nano 6.2 My3.txt
Hello all!
```

```
GNU nano 6.2 My3.txt *
I did change!
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git add .
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "new change file3"
[main 70c2dc2] new change file3
1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

9.8. Откатываемся к предыдущему состоянию файла.

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git log
commit 70c2dc201eb42e46eb85891971b70a349d40c1e7 (HEAD -> main)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:54:55 2023 +0300

    new change file3

commit a977de231a0908dbf32c4a6c6ad28ad6aa4bcdf4
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:32:53 2023 +0300

    change file3

commit 4f923442140d9240424d252d7635a9ea74af583a (develop)
Author: AlexeiTarasau <Alextt85@mail.ru>
Date: Thu Jun 22 14:19:19 2023 +0300

    change file1
```

```
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git checkout a977de -- My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m
error: switch `m' requires a value
alex@alex-VirtualBox:~/projects/TeachMeSkills$ git commit -m "New"
[main 1a6f25d] New
 1 file changed, 1 insertion(+), 1 deletion(-)
alex@alex-VirtualBox:~/projects/TeachMeSkills$ nano My3.txt
alex@alex-VirtualBox:~/projects/TeachMeSkills$
```

```

  +
alex@alex-VirtualBox: ~/projects/Teach

GNU nano 6.2 My3.txt
Hello all!
```