

3. Создайте 5-10 коммитов. (Пример: создать файлы, поменять их содержимое).
Вывести их лог экран, сделать скрин и добавить в отчёт.

4. С помощью relog перейти к предыдущему коммиту (на ваше усмотрение).
Output, screen, report. (Вывести их лог экран, сделать скрин и добавить в отчёт.)
<https://youtu.be/XRV9kai-5mc> (небольшая помощь, если запутаесть)

5. Создайте ветку с названием на ваше усмотрение (можно develop).
OSR. (Output, screen, report.)

6. Создайте коммит и добавьте туда ещё дополнительные изменения
(добавьте, например в изменяемый файл точку, пробел и тд) с помощью amend. OSR.

7. Сделайте коммит в main. Но не делайте git push (это важно!), сделайте изменения локально.

8. Сделайте так, чтобы этот коммит оказался в новой ветке с помощью git reset --hard. OSR

9. Сделайте изменения в файле локально. Сделайте коммит для этого изменения. OSR

10. Через git checkout отмените изменения в файле через откат по сохранённому хэшу. OSR

11. Начните всё заново (это важно чтобы вы делали локально то, что я указал сделать локально).
Можно использовать любой из подходов. OSR

```
test@WIN-CM3IVGTICIA: ~/DZ
test@WIN-CM3IVGTICIA:~$ git clone https://github.com/Dos16StrekH/DZ.git
Cloning into 'DZ'...
remote: Enumerating objects: 3, done.
remote: Counting objects: 100% (3/3), done.
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (3/3), done.
test@WIN-CM3IVGTICIA:~$ cd DZ
-bash: cd: DZ: No such file or directory
test@WIN-CM3IVGTICIA:~$ cd DZ
test@WIN-CM3IVGTICIA:~/DZ$ ls -l
total 0
-rw-r--r-- 1 test test 44 Jun 30 17:38 README.md
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
test@WIN-CM3IVGTICIA:~$ cd DZ
test@WIN-CM3IVGTICIA:~/DZ$ ls -l
total 0
-rw-r--r-- 1 test test 44 Jun 30 17:38 README.md
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
test@WIN-CM3IVGTICIA:~/DZ$ touch adduser.sh
test@WIN-CM3IVGTICIA:~/DZ$ chmod +x adduser.sh
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch main
Your branch is up to date with 'origin/main'.

Untracked files:
  (use "git add <file>..." to include in what will be committed)
  adduser.sh

nothing added to commit but untracked files present (use "git add" to track)
test@WIN-CM3IVGTICIA:~/DZ$ git add adduser.sh
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch main
Your branch is up to date with 'origin/main'.

Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
  new file:   adduser.sh
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100755 adduser.sh
test@WIN-CM3IVGTICIA:~/DZ$ 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
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878 (HEAD -> main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
On your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 77 insertions(+)
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit c060276094a7c2a54cdf929c36e0724d9d2a28ac (HEAD -> main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 2 insertions(+)
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit d2813a850494e76dcf9fbb137465425ddda030 (HEAD -> main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:53:14 2023 +0300

    +разделительная полоса

commit c060276094a7c2a54cdf929c36e0724d9d2a28ac
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$ git reset --hard c060276094a7c2a54cdf929c36e0724d9d2a28ac
HEAD is now at c060276 написал скрипт
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit c060276094a7c2a54cdf929c36e0724d9d2a28ac (HEAD -> main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$ git checkout -b develop
Switched to a new branch 'develop'
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit c060276094a7c2a54cdf929c36e0724d9d2a28ac (HEAD -> develop, main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
nue: command not found
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit 667c276a018d15f9fa818bed028497584630dbbd (HEAD -> develop)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 19:03:04 2023 +0300

    новые линии

commit c060276094a7c2a54cdf929c36e0724d9d2a28ac (main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$ git commit --amend
[develop 9907ac1] Новые линии.
Date: Fri Jun 30 19:03:04 2023 +0300
Committer: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Your name and email address were configured automatically based
```

```
test@WIN-CM3IVGTICIA:~/DZ
After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 4 insertions(+)
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit 9907ac1ce116f74f5514c21914ead09e47c97b87 (HEAD -> develop)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 19:03:04 2023 +0300

    Новые линии.

commit c060276094a7c2a54cdf929c36e0724d9d2a28ac (main)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
test@WIN-CM3IVGTICIA:~/DZ$ git reset --hard c060276094a7c2a54cdf929c36e0724d9d2a28ac
HEAD is now at c060276 написал скрипт
test@WIN-CM3IVGTICIA:~/DZ$ git pick d4e97e11bf12b5fb784ba338158274f88baf6
[develop c7895b5] ky-ky
Date: Fri Jun 30 19:10:39 2023 +0300
Committer: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author

1 file changed, 1 insertion(+)
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch develop
nothing to commit, working tree clean
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit c7895b5d728e3cc35825a33a7044cc6d05cddf98 (HEAD -> develop)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 19:10:39 2023 +0300

    ky-ky

commit c060276094a7c2a54cdf929c36e0724d9d2a28ac
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```

```
test@WIN-CM3IVGTICIA:~/DZ
test@WIN-CM3IVGTICIA:~/DZ$ touch 123
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch develop
Untracked files:
  (use "git add <file>..." to include in what will be committed)
  123

nothing added to commit but untracked files present (use "git add" to track)
test@WIN-CM3IVGTICIA:~/DZ$ git add 123
test@WIN-CM3IVGTICIA:~/DZ$ git status
On branch develop
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
  new file:   123

test@WIN-CM3IVGTICIA:~/DZ$ git commit -m "добавил файл 123"
[develop 9220823] добавил файл 123
Committer: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Your name and email address were configured automatically based
on your username and hostname. Please check that they are accurate.
You can suppress this message by setting them explicitly:

  git config --global user.name "Your Name"
  git config --global user.email you@example.com

After doing this, you may fix the identity used for this commit with:

  git commit --amend --reset-author
```

```
test@WIN-CM3IVGTICIA:~/DZ
git switch -

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

HEAD is now at c7895b5 ky-ky
test@WIN-CM3IVGTICIA:~/DZ$ git log
commit c7895b5d728e3cc35825a33a7044cc6d05cddf98 (HEAD)
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 19:10:39 2023 +0300

    ky-ky

commit c060276094a7c2a54cdf929c36e0724d9d2a28ac
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:49:34 2023 +0300

    написал скрипт

commit 88d3e2b7e2f6705ef0254738180ba8b10dcf0878
Author: Dmitry Strehk <test@WIN-CM3IVGTICIA.localdomain>
Date:   Fri Jun 30 17:43:29 2023 +0300

    чистый файл

commit 443bf06305b473c35e203024361746c5ff2b893d (origin/main, origin/HEAD)
Author: Dos16StrekH <135627982+Dos16StrekH@users.noreply.github.com>
Date:   Fri Jun 30 15:48:52 2023 +0300

    Initial commit
test@WIN-CM3IVGTICIA:~/DZ$
```