2: Создадим 2 директории в корне:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2
$ mkdir 453501_MIALIK_20; cd 453501_MIALIK_20; mkdir IGI STRWEB
```

В каждой из полученных дирректорий создаем новые, в соответствии с необходимой иерархией:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI
$ mkdir LR1; cd LR1; touch LR1Test.txt; cd ..
```

Инициализиурем .git и выполним начальный комит:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20
$ git init
Initialized empty Git repository in C:/Users/twist/OneDrive/Документы/course2sem2/453501_MIALIK_20/.
git/
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git add .
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git commit -m "master: initial commit"
[master (root-commit) 488339c] master: initial commit
 9 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 IGI/LR1/LR1Test.txt
 create mode 100644 IGI/LR2/LR2Test.txt
 create mode 100644 IGI/LR3/LR3Test.txt
 create mode 100644 IGI/LR4/LR4Test.txt
 create mode 100644 IGI/LR5/LR5Test.txt
 create mode 100644 STRWEB/LR1/LR1Test.txt
 create mode 100644 STRWEB/LR2/LR2Test.txt
 create mode 100644 STRWEB/LR3/LR3Test.txt
 create mode 100644 STRWEB/LR4/LR4Test.txt
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$
```

В директории `LR1` создадим структуру, соответствующую индивидуальному заданию:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/individ (master)
$ mkdir -p bin/022 bar/511 baz/144 foo/711 mv/717
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/individ (master)
$ nano test.txt
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/individ (master)
$ cd bar/511
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/individ/bar/511 (master)
$ nano readme.txt
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/individ/bar/511 (master)
$ mkdir -p example/777
```

3: склонируем удаленный репозиторий:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ git clone https://github.com/smartiqaorg/geometric_lib
Cloning into 'geometric_lib'...
remote: Enumerating objects: 35, done.
remote: Total 35 (delta 0), reused 0 (delta 0), pack-reused 35 (from 1)
Receiving objects: 100% (35/35), 4.69 KiB | 2.35 MiB/s, done.
Resolving deltas: 100% (5/5), done.
```

4a-c: выполним индексацию файлов, внесем изменения и выполним коммит:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ git add .

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ echo "changes" >> individ/bar/511/readme.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ git commit -m "master: testing changes in bar/511"
[master e97095d] master: testing changes in bar/511
 2 files changed, 2 insertions(+)
 create mode 100644 IGI/LR1/individ/bar/511/readme.txt
 create mode 100644 IGI/LR1/individ/test.txt
```

4d-e: выполним небольшие изменения с файлами:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ touch geometric_lib/triangle.py

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (master)
$ touch geometric_lib/sphere.py

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/geometric_lib (main)
$ mv sphere.py circle.py
g
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1/geometric_lib (main)
$ git add circle.py ; git commit -m "master: renaming sphere.py -> circle.py"
[main 74ebe7d] master: renaming sphere.py -> circle.py
 1 file changed, 10 deletions(-)
```

4f: создадим отдельные ветки для каждой лабораторной работы:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git checkout -b IGI
Switched to a new branch 'IGI'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI)
$ git rm -r STRWEB
rm 'STRWEB/LR1/LR1Test.txt'
rm 'STRWEB/LR2/LR2Test.txt'
rm 'STRWEB/LR3/LR3Test.txt'
rm 'STRWEB/LR4/LR4Test.txt'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI)
$ git commit -m "IGI: init commit"
[IGI e585573] IGI: init commit
 4 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 STRWEB/LR1/LR1Test.txt
 delete mode 100644 STRWEB/LR2/LR2Test.txt
 delete mode 100644 STRWEB/LR3/LR3Test.txt
 delete mode 100644 STRWEB/LR4/LR4Test.txt
```

В итоге мы получим такой список ветвей:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git branch
  IGI
  IGI-LR1
  IGI-LR2
  IGI-LR3
  IGI-LR4
  IGI-LR5
  STRWEB
  STRWEB-LR1
  STRWEB-LR2
  STRWEB-LR3
  STRWEB-LR4
* master
```

4g: краткий вывод истории комитов

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --oneline
238d329 (HEAD -> master) master: clone remote repo
e97095d master: testing changes in bar/511
488339c master: initial commit
```

Последние n (n = 2) комита

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --author="Toasunzce"
commit 238d329e57af8d69e3d419f6e1312b7b203dec7d (HEAD -> master)
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:    Fri Feb 13 15:30:24 2026 +0300

    master: clone remote repo

commit e97095d180a3ca0e0daef414d8b46038c4447759
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:    Fri Feb 13 15:26:21 2026 +0300

    master: testing changes in bar/511

commit 488339cf1d70c519018a873b35830ec3b3c5b077
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:    Fri Feb 13 15:14:42 2026 +0300

    master: initial commit
```

Промежуток по дате (+ oneline)

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --after="15:15:00" --before="15:30:23" --oneline
e97095d master: testing changes in bar/511
```

4h: patch флаг

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log -p -n 1
commit 238d329e57af8d69e3d419f6e1312b7b203dec7d (HEAD -> master)
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:    Fri Feb 13 15:30:24 2026 +0300

    master: clone remote repo

diff --git a/IGI/LR1/geometric_lib b/IGI/LR1/geometric_lib
new file mode 160000
index 0000000..d078c8d
--- /dev/null
+++ b/IGI/LR1/geometric_lib
@@ -0,0 +1 @@
+Subproject commit d078c8d9ee6155f3cb0e577d28d337b791de28e2
diff --git a/IGI/LR1/individ/bar/511/readme.txt b/IGI/LR1/individ/bar/511/readme.txt
index 51e227a..8254876 100644
--- a/IGI/LR1/individ/bar/511/readme.txt
+++ b/IGI/LR1/individ/bar/511/readme.txt
@@ -1 +1,2 @@
 644
+changes
```

stat флаг

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --stat -1
commit 238d329e57af8d69e3d419f6e1312b7b203dec7d (HEAD -> master)
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:   Fri Feb 13 15:30:24 2026 +0300

    master: clone remote repo

 IGI/LR1/geometric_lib             | 1 +
 IGI/LR1/individ/bar/511/readme.txt | 1 +
 2 files changed, 2 insertions(+)
```

name-only флаг

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --name-only -2
commit 238d329e57af8d69e3d419f6e1312b7b203dec7d (HEAD -> master)
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:   Fri Feb 13 15:30:24 2026 +0300

    master: clone remote repo

IGI/LR1/geometric_lib
IGI/LR1/individ/bar/511/readme.txt

commit e97095d180a3ca0e0daef414d8b46038c4447759
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:   Fri Feb 13 15:26:21 2026 +0300

    master: testing changes in bar/511

IGI/LR1/individ/bar/511/readme.txt
IGI/LR1/individ/test.txt
```

name-status флаг

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --name-status -2
commit 238d329e57af8d69e3d419f6e1312b7b203dec7d (HEAD -> master)
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:   Fri Feb 13 15:30:24 2026 +0300

    master: clone remote repo

A       IGI/LR1/geometric_lib
M       IGI/LR1/individ/bar/511/readme.txt

commit e97095d180a3ca0e0daef414d8b46038c4447759
Author: Toasunzce <twistedlastoasters@gmail.com>
Date:   Fri Feb 13 15:26:21 2026 +0300

    master: testing changes in bar/511

A       IGI/LR1/individ/bar/511/readme.txt
A       IGI/LR1/individ/test.txt
```

Вывод дерева веток

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git log --graph --all --oneline
* 7a9daf4 (STRWEB-LR4) STRWEB-LR4: init commit
| * 72f5ef8 (STRWEB-LR3) STRWEB-LR3: init commit
|/
| * b5daeea (STRWEB-LR2) STRWEB-LR2: init commit
|/
| * 4a5e10e (STRWEB-LR1) STRWEB-LR1: init commit
|/
* 8d27fde (STRWEB) STRWEB: init commit
| * 022b238 (IGI-LR5) IGI-LR5: init commit
| | * 3fdd38d (IGI-LR4) IGI-LR4: init commit
| |/
| | * 4d8d9e5 (IGI-LR3) IGI-LR3: init commit
| |/
| | * 1abaa48 (IGI-LR2) IGI-LR2: init commit
| |/
| | * a4007d8 (IGI-LR1) IGI-LR1: init commit
| |/
| * e585573 (IGI) IGI: init commit
|/
* 238d329 (HEAD -> master) master: clone remote repo
* e97095d master: testing changes in bar/511
* 488339c master: initial commit
```

4i: посмотрим на разницу в коммитах

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git diff HEAD~1 HEAD
diff --git a/IGI/LR1/geometric_lib b/IGI/LR1/geometric_lib
new file mode 160000
index 0000000..d078c8d
--- /dev/null
+++ b/IGI/LR1/geometric_lib
@@ -0,0 +1 @@
+Subproject commit d078c8d9ee6155f3cb0e577d28d337b791de28e2
diff --git a/IGI/LR1/individ/bar/511/readme.txt b/IGI/LR1/individ/bar/511/readme.txt
index 51e227a..8254876 100644
--- a/IGI/LR1/individ/bar/511/readme.txt
+++ b/IGI/LR1/individ/bar/511/readme.txt
@@ -1 +1,2 @@
 644
+changes
```

4j: внесем изменения в файл, коммитнем и затем отменим коммит

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (master)
$ git checkout IGI-LR1
Switched to branch 'IGI-LR1'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ touch IGI/LR1/test.txt; echo "variant num" >> IGI/LR1/test.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git commit -m "IGI-LR1: creating test.txt with some data"
On branch IGI-LR1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitmodules
        IGI/LR1/test.txt

nothing added to commit but untracked files present (use "git add" to track)

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git add IGI/LR1/test.txt
warning: in the working copy of 'IGI/LR1/test.txt', LF will be replaced by CRLF the next time Git to
uches it

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git commit -m "IGI-LR1: creating test.txt with some data"
[IGI-LR1 654c941] IGI-LR1: creating test.txt with some data
 1 file changed, 1 insertion(+)
 create mode 100644 IGI/LR1/test.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git reset --hard HEAD~1
HEAD is now at a4007d8 IGI-LR1: init commit
```

4k: отменим индексацию

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ touch IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git add IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git statuts
git: 'statuts' is not a git command. See 'git --help'.

The most similar command is
        status

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git status
On branch IGI-LR1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   IGI/LR1/exampleee.txt

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

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git reset IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git status
On branch IGI-LR1
Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .gitmodules
        IGI/LR1/exampleee.txt

nothing added to commit but untracked files present (use "git add" to track)
```

4l: внесем изменения в файл и затем отменим их:

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git add IGI/LR1/exampleee.txt
warning: in the working copy of 'IGI/LR1/exampleee.txt', LF will be replaced by CRLF the next time
it touches it

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ cat IGI/LR1/exampleee.txt
test

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ echo "new test" > IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ cat IGI/LR1/exampleee.txt
new test

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ git restore IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$ cat IGI/LR1/exampleee.txt
test

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (IGI-LR1)
$
```
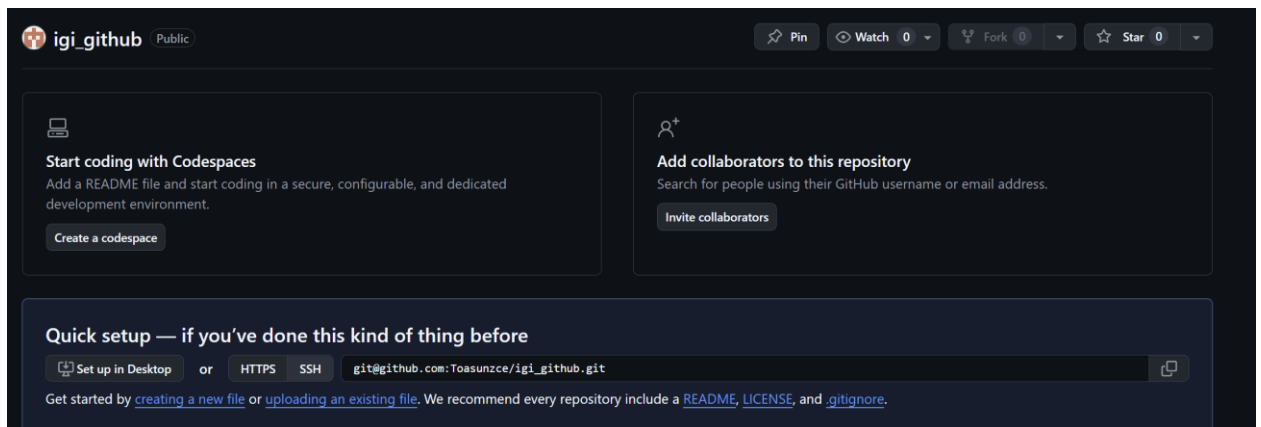
5a: создадим удаленный репозиторий

5b: добавим readme и проверим, что ветки проинициализировались

5c: внесем изменения в файл exampleee.txt и отправим изменения на удаленный репозиторий

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git status
On branch IGI-LR1
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   exampleee.txt

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


twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git commit -m "IGI-LR1: exampleee.txt toy update"
[IGI-LR1 f93ba2c] IGI-LR1: exampleee.txt toy update
 1 file changed, 1 insertion(+)
 create mode 100644 IGI/LR1/exampleee.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git push -u origin master
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 16 threads
Compressing objects: 100% (14/14), done.
Writing objects: 100% (27/27), 1.78 KiB | 454.00 KiB/s, done.
Total 27 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting:
remote:      https://github.com/Toasunzce/igi_github/pull/new/master
remote:
To https://github.com/Toasunzce/igi_github.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
```

5d: переименуем удаленный репозиторий

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git remote -v
origin  https://github.com/Toasunzce/igi_github.git (fetch)
origin  https://github.com/Toasunzce/igi_github.git (push)

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git remote rename origin new_igi_github
Renaming remote references: 100% (5/5), done.

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git remote -v
new_igi_github  https://github.com/Toasunzce/igi_github.git (fetch)
new_igi_github  https://github.com/Toasunzce/igi_github.git (push)
```

5e-f: получим данные из удаленного репозитория

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git log origin/main --oneline
fc53799 (origin/main, origin/HEAD) Add initial README.md for igi_github project

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20/IGI/LR1 (IGI-LR1)
$ git show origin/main:README.md
# igi_github
```

5g: сперва создадим вторую ветку и отправим ее на сервер

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git checkout -b second-branch
Switched to a new branch 'second-branch'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (second-branch)
$ ls
README.md  example_one.txt  example_two.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (second-branch)
$ git push -u origin second-branch
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'second-branch' on GitHub by visiting:
remote:      https://github.com/Toasunzce/igi_github/pull/new/second-branch
remote:
To https://github.com/Toasunzce/igi_github.git
 * [new branch]      second-branch -> second-branch
branch 'second-branch' set up to track 'origin/second-branch'.
```

Затем удалим из main созданные ранее файлы

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git rm example_one.txt example_two.txt
rm 'example_one.txt'
rm 'example_two.txt'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git commit -m "main: remove temp files to copy"
[main 5510224] main: remove temp files to copy
 2 files changed, 0 insertions(+), 0 deletions(-)
 delete mode 100644 example_one.txt
 delete mode 100644 example_two.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git push origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 242 bytes | 242.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/Toasunzce/igi_github.git
   21e60df..5510224  main -> main
```

5h: сперва создадим новую ветку, два файла и запушим это на удаленный репозиторий

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git checkout -b third-branch
Switched to a new branch 'third-branch'

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (third-branch)
$ touch file1.txt file2.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (third-branch)
$ git add .

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (third-branch)
$ git commit -m "third-branch: create two temp files"
[third-branch cf50a8a] third-branch: create two temp files
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (third-branch)
$ git push -u origin third-branch
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Delta compression using up to 16 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 312 bytes | 312.00 KiB/s, done.
Total 2 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'third-branch' on GitHub by visiting:
remote:      https://github.com/Toasunzce/igi_github/pull/new/third-branch
remote:
To https://github.com/Toasunzce/igi_github.git
 * [new branch]      third-branch -> third-branch
branch 'third-branch' set up to track 'origin/third-branch'.
```

Теперь замёрджим эту ветку с мейном и запушим

```
twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ ls
README.md

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git merge third-branch
Updating 5510224..cf50a8a
Fast-forward
 file1.txt | 0
 file2.txt | 0
 2 files changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 file1.txt
 create mode 100644 file2.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ ls
README.md  file1.txt  file2.txt

twist@sunbook MINGW64 ~/OneDrive/Документы/course2sem2/453501_MIALIK_20 (main)
$ git push origin main
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/Toasunzce/igi_github.git
   5510224..cf50a8a  main -> main
```