

**МИНИСТЕРСТВО ЦИФРОВОГО РАЗВИТИЯ СВЯЗИ И МАССОВЫХ  
КОММУНИКАЦИЙ**

**Ордена Трудового Красного Знамени**

**Федеральное государственное бюджетное образовательное учреждение  
высшего образования**

**«Московский технический университет связи и информатики»**

**Кафедра «Математическая Кибернетика и Информационные технологии»**

**Отчет по практической работе**

**по дисциплине «Введение в информационные технологии» по теме:  
практическая работа с Git**

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Ссылка на удаленный репозиторий:

[https://github.com/holycapybara/mtuci\\_vvit\\_practice](https://github.com/holycapybara/mtuci_vvit_practice)

Клонируем репозиторий, проверяем его наличие на локальном компьютере.

```
haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit
$ git clone https://github.com/holycapybara/mtuci_vvit_practice
Cloning into 'mtuci_vvit_practice'...
remote: Enumerating objects: 159, done.
remote: Counting objects: 100% (159/159), done.
remote: Compressing objects: 100% (133/133), done.
remote: Total 159 (delta 54), reused 65 (delta 9), pack-reused 0 (from 0)
Receiving objects: 100% (159/159), 176.44 KiB | 1.11 MiB/s, done.
Resolving deltas: 100% (54/54), done.

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit
$ ls
mtuci_vvit_practice/  practice/  report.docx  '~$report.docx'

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit
$ cd mtuci_vvit_practice/

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ ls
lab1/  lab3/  lab5/  lab7/  main.py
lab2/  lab4/  lab6/  lab9/  report_lab8_9.pdf

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$
```

Добавляем удаленный репозиторий посредством SSH

```
haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ git remote add origin git@github.com:holycapybara/mtuci_vvit_practice.git

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ git remote
origin

haldflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ git remote show origin
* remote origin
Fetch URL: git@github.com:holycapybara/mtuci_vvit_practice.git
Push URL: git@github.com:holycapybara/mtuci_vvit_practice.git
HEAD branch: master
Remote branches:
  laba3 new (next fetch will store in remotes/origin)
  master new (next fetch will store in remotes/origin)
Local ref configured for 'git push':
  master pushes to master (up to date)
```

Создаем новую ветку в локальном репозитории

```

haultflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ git checkout -b test
Switched to a new branch 'test'

haultflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ ls
lab1/  lab3/  lab5/  lab7/  main.py
lab2/  lab4/  lab6/  lab9/  report_lab8_9.pdf

```

Далее вносим изменения в проект, добавляем и коммитим их и отправляем на удаленный репозиторий, удостоверяемся в появлении новой ветки и новых файлов на github.

```

haultflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ git add -A

haultflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ git commit -m "lab10"
[test 6c614ef] lab10
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 lab10/mema.txt

haultflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ git push origin test
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (4/4), 303 bytes | 303.00 KiB/s, done.
Total 4 (delta 1), reused 1 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'test' on GitHub by visiting:
remote:   https://github.com/holycapybara/mtuci_vvit_practice/pull/new/test
remote:
To github.com:holycapybara/mtuci_vvit_practice.git
 * [new branch]      test -> test

```

test
3 Branches
0 Tags
Go to file
Add file
Code

This branch is [1 commit ahead of](#) master .
Contribute

holycapybara
lab10
6c614ef · 1 minute ago
33 Commits

idea	removed lab9	2 months ago
lab1	Update lab1readme.md	last month
lab10	lab10	1 minute ago
lab2	Update lab2readme.md	last month
lab3	Update lab3readme.md	last month
lab4	Update lab4readme.md	last month
lab5	Update lab5readme.md	last month
lab6	Update lab6readme.md	last month
lab7	Update lab7readme.md	last month
lab9	lab9 finished	2 months ago
.gitignore	Updated gitignore	5 months ago
main.py	lab 4-6	3 months ago

Удаляем ветку в локальном и удаленном репозитории, затем получаем изменения из основной ветки удаленного репозитория.

```
haltflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ git push origin --delete test
To github.com:holycapybara/mtuci_vvit_practice.git
- [deleted]          test

haltflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (test)
$ git checkout master
Switched to branch 'master'

haltflex@DESKTOP-SSG10GR MINGW64 /e/edu/vvit/mtuci_vvit_practice (master)
$ git pull origin master
From github.com:holycapybara/mtuci_vvit_practice
* branch          master      -> FETCH_HEAD
* [new branch]     master      -> origin/master
Already up to date.
```