

1. Выберите какой-нибудь проект на изучаемом вами языке программирования, с которым вы будете тренироваться работать в Git, и инициализируйте в папке этого проекта локальный репозиторий.

```
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git init
Initialized empty Git repository in /home/denmiagkov/GeekBrains/git/homework/git.homework1/.git/
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Chat/
    Readme.md
    Server/
    TicTacToe/

nothing added to commit but untracked files present (use "git add" to track)
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git add .
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git commit -m "initial commit"
[master (root-commit) 17acdf1] initial commit
 10 files changed, 641 insertions(+)
 create mode 100644 Chat/Chat.java
 create mode 100644 Chat/Main.java
 create mode 100644 Chat/User.java
 create mode 100644 Readme.md
 create mode 100644 Server/Main.java
 create mode 100644 Server/Server.java
 create mode 100644 TicTacToe/GameWindow.java
 create mode 100644 TicTacToe/Main.java
 create mode 100644 TicTacToe/Map.java
 create mode 100644 TicTacToe/SettingsWindow.java
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git status
On branch master
nothing to commit, working tree clean
```

```
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ ls -al
total 28
drwxrwxr-x 6 denmiagkov denmiagkov 4096 Nov 27 23:37 .
drwxrwxr-x 4 denmiagkov denmiagkov 4096 Nov 27 23:23 ..
drwxrwxr-x 2 denmiagkov denmiagkov 4096 Nov 18 18:16 Chat
drwxrwxr-x 8 denmiagkov denmiagkov 4096 Nov 27 23:42 .git
-rw-rw-r-- 1 denmiagkov denmiagkov  16 Nov 27 23:40 README.md
drwxrwxr-x 2 denmiagkov denmiagkov 4096 Nov 18 18:13 Server
drwxrwxr-x 2 denmiagkov denmiagkov 4096 Nov 18 18:13 TicTacToe
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$
```

2. Создайте непустой удалённый репозиторий (например, с файлом README.md) с именем, соответствующим имени этого проекта.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *

 MyagkovDen

Repository name *

git.homework1

✓ git.homework1 is available.

Great repository names are short and memorable. Need inspiration? How about **sturdy-computing-machine** ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:

☒ **Add a README file**

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore


.gitignore template: None

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license


License: None

A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set  **main** as the default branch. Change the default name in your [settings](#).


 You are creating a public repository in your personal account.

Create repository


 MyagkovDen / git.homework1

Q Type to search


<> Code Issues Pull requests Actions Projects Wiki Security Insights Settings


 **git.homework1** Public

Pin Unwatch 1 Fork 0 Star 0

 main 1 branch 0 tags

Go to file Add file <> Code

 **MyagkovDen** Initial commit 6f53df9 1 minute ago 1 commit


 README.md Initial commit 1 minute ago


README.md


git.homework1


About


No description, website, or topics provided.

 Readme

 Activity

 0 stars

 1 watching

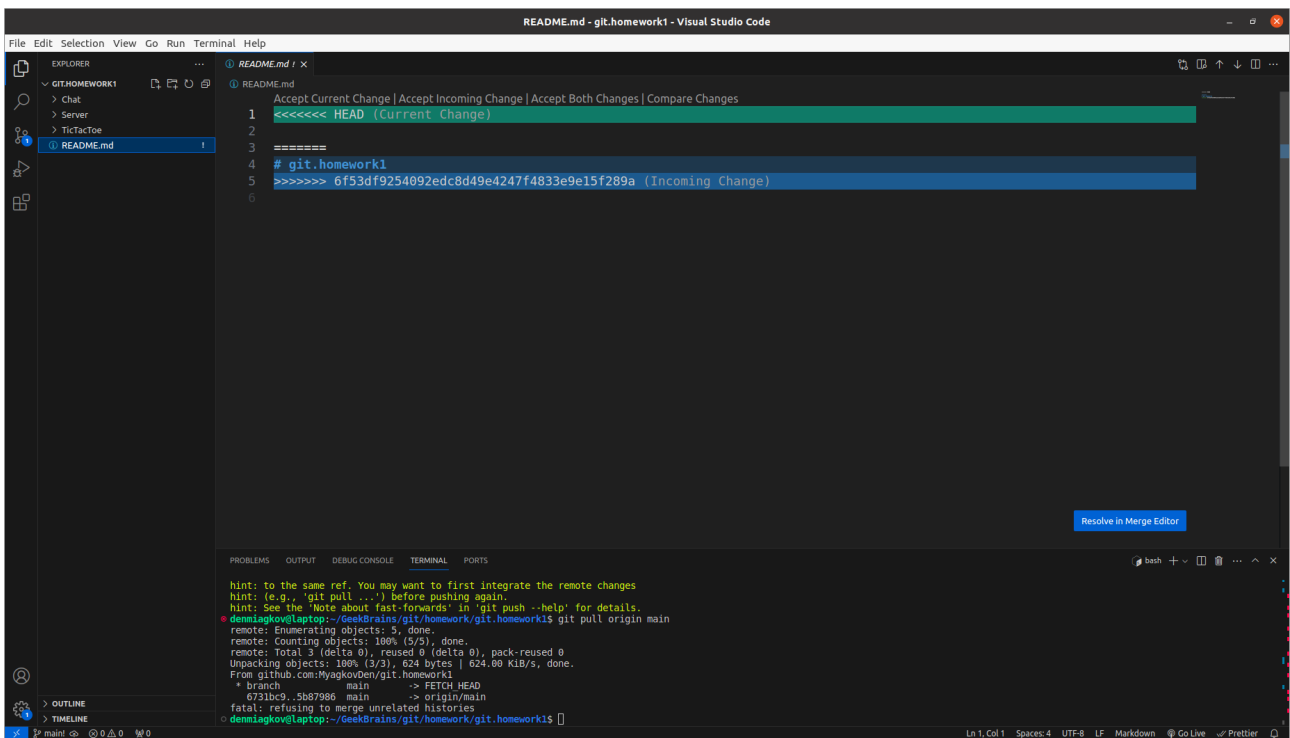
 0 forks

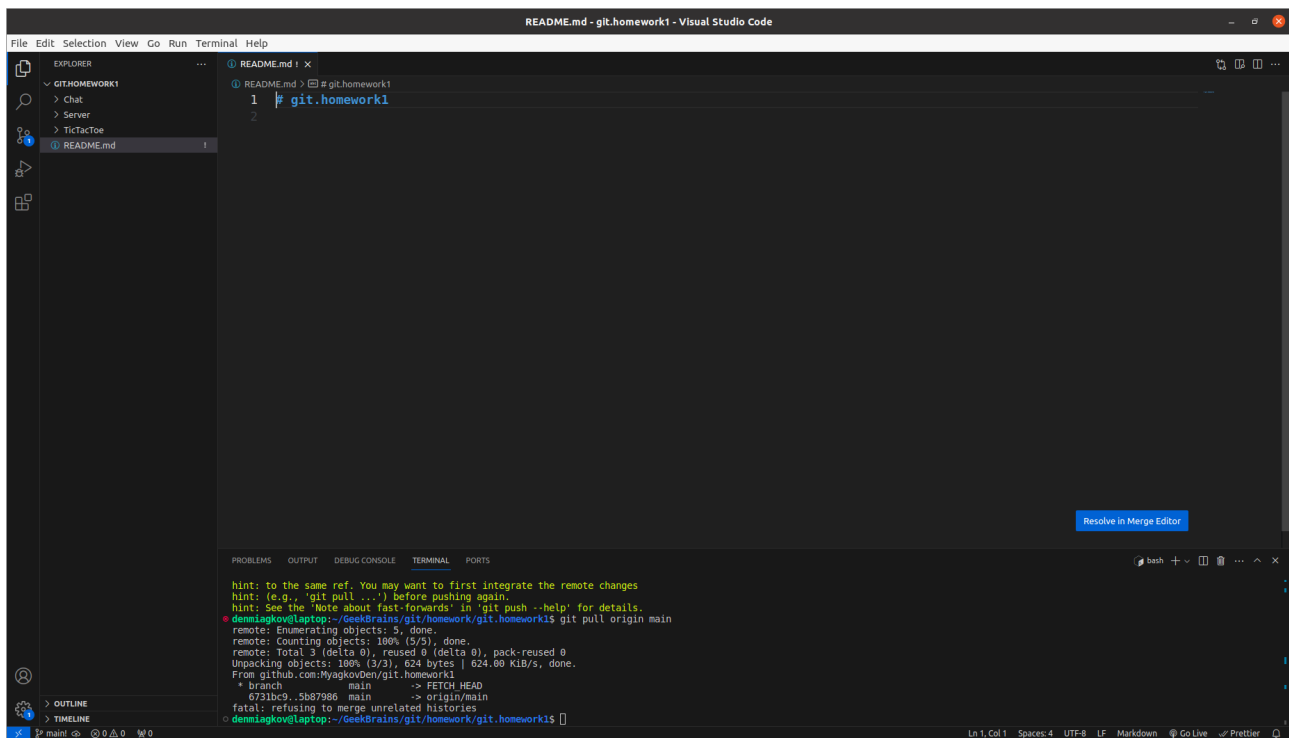
Releases

3. Подключите свой проект к этому удалённому репозиторию и отправьте в него код этого проекта. Самостоятельно разрешите конфликты и проблемы, если они возникнут при выполнении данного задания.

```
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git remote add origin git@github.com:MyagkovDen/git.homework1.git
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git remote -v
origin  git@github.com:MyagkovDen/git.homework1.git (fetch)
origin  git@github.com:MyagkovDen/git.homework1.git (push)
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git push origin main
To github.com:MyagkovDen/git.homework1.git
 ! [rejected]        main -> main (fetch first)
error: failed to push some refs to 'git@github.com:MyagkovDen/git.homework1.git'
hint: Updates were rejected because the remote contains work that you do
hint: not have locally. This is usually caused by another repository pushing
hint: to the same ref. You may want to first integrate the remote changes
hint: (e.g., 'git pull ...') before pushing again.
hint: See the 'Note about fast-forwards' in 'git push --help' for details.
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$
```

```
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git pull origin main
From github.com:MyagkovDen/git.homework1
 * branch            main      -> FETCH_HEAD
fatal: refusing to merge unrelated histories
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git pull origin main --allow-unrelated-histories
From github.com:MyagkovDen/git.homework1
 * branch            main      -> FETCH_HEAD
CONFLICT (add/add): Merge conflict in README.md
Auto-merging README.md
Automatic merge failed; fix conflicts and then commit the result.
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$
```





```
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git pull origin main --allow-unrelated-
histories
error: Pulling is not possible because you have unmerged files.
hint: Fix them up in the work tree, and then use 'git add/rm <file>'
hint: as appropriate to mark resolution and make a commit.
fatal: Exiting because of an unresolved conflict.
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git status
On branch main
You have unmerged paths.
  (fix conflicts and run "git commit")
  (use "git merge --abort" to abort the merge)

Unmerged paths:
  (use "git add <file>..." to mark resolution)
    both added:      README.md

no changes added to commit (use "git add" and/or "git commit -a")
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git add README.md
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git commit -m "connflict resolved"
[main ff733cf] connflict resolved
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git pull origin main --allow-unrelated-
histories
From github.com:MyagkovDen/git.homework1
* branch          main       -> FETCH_HEAD
Already up to date.
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$ git push origin main
Enumerating objects: 35, done.
Counting objects: 100% (35/35), done.
Delta compression using up to 8 threads
Compressing objects: 100% (27/27), done.
Writing objects: 100% (33/33), 10.54 KiB | 1.76 MiB/s, done.
Total 33 (delta 4), reused 0 (delta 0)
remote: Resolving deltas: 100% (4/4), done.
To github.com:MyagkovDen/git.homework1.git
6f53df9..ff733cf main -> main
denmiagkov@laptop:~/GeekBrains/git/homework/git.homework1$
```


 **git.homework1** Public


Pin


Unwatch 1

Fork 0

Star 0

 main






 1 branch

 0 tags


Go to file

Add file

<> Code

 MyagkovDen conflict resolved	ff733cf 2 minutes ago	🕒 10 commits
 Chat	initial commit	1 hour ago
 Server	initial commit	1 hour ago
 TicTacToe	initial commit	1 hour ago
 README.md	conflict resolved	2 minutes ago






README.md



git.homework1

About

No description, website, or topics provided.

-  Readme
-  Activity
-  0 stars
-  1 watching
-  0 forks

Releases

No releases published

[Create a new release](#)

Packages