

Отчет по заданию к лекции №1

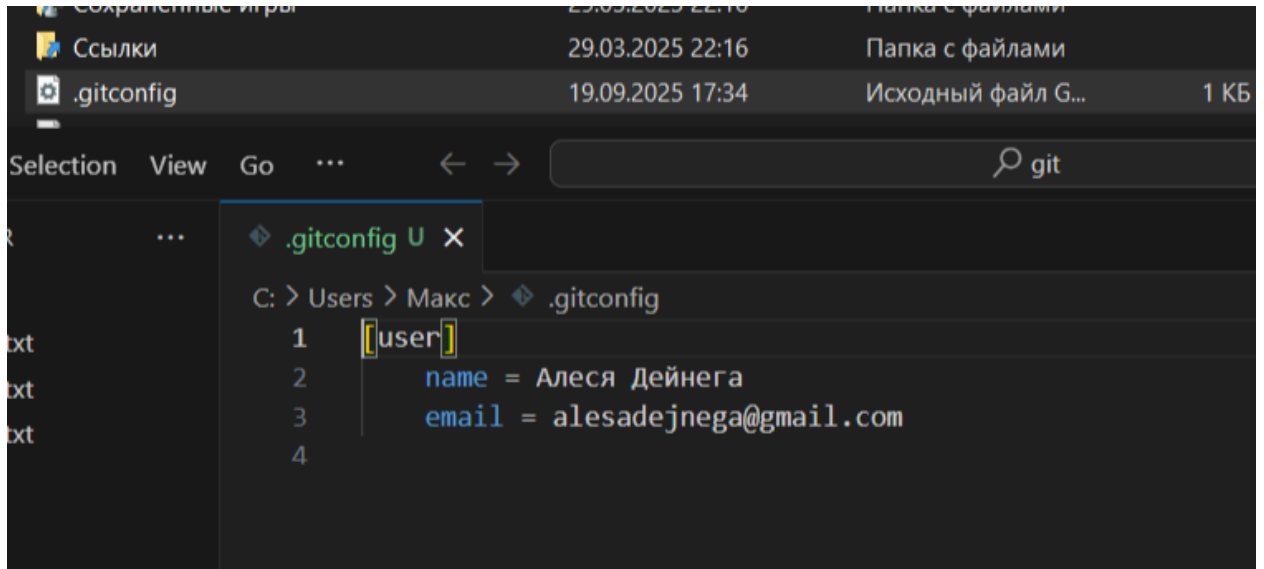


Рисунок 1 – настройка Git.

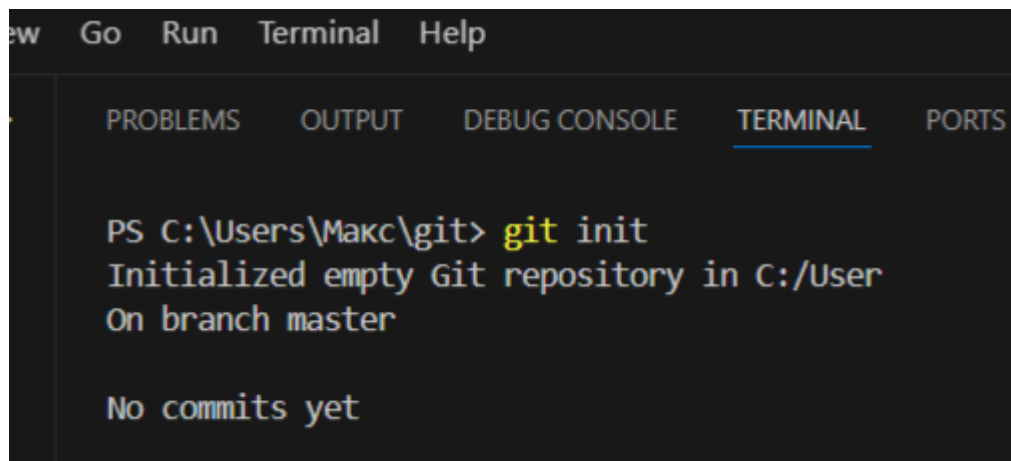
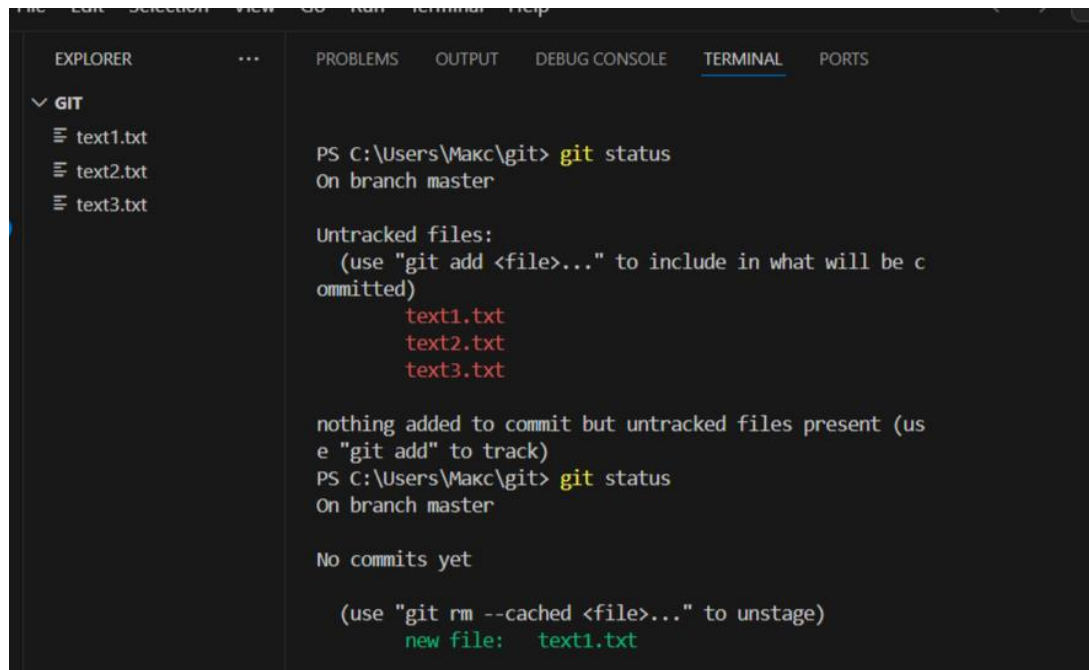


Рисунок 2 – создание репозитория

A screenshot of the Visual Studio Code interface. The Explorer sidebar on the left shows a folder named 'GIT' containing three files: 'text1.txt', 'text2.txt', and 'text3.txt'. The main terminal window shows the output of the 'git status' command. The output indicates that the files are untracked and have been added to the staging area. The terminal text is as follows:

```
PS C:\Users\Макс\git> git status
On branch master


Untracked files:
  (use "git add <file>..." to include in what will be committed)
    text1.txt
    text2.txt
    text3.txt

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\Макс\git> git status
On branch master

No commits yet

(use "git rm --cached <file>..." to unstage)
new file:   text1.txt
```

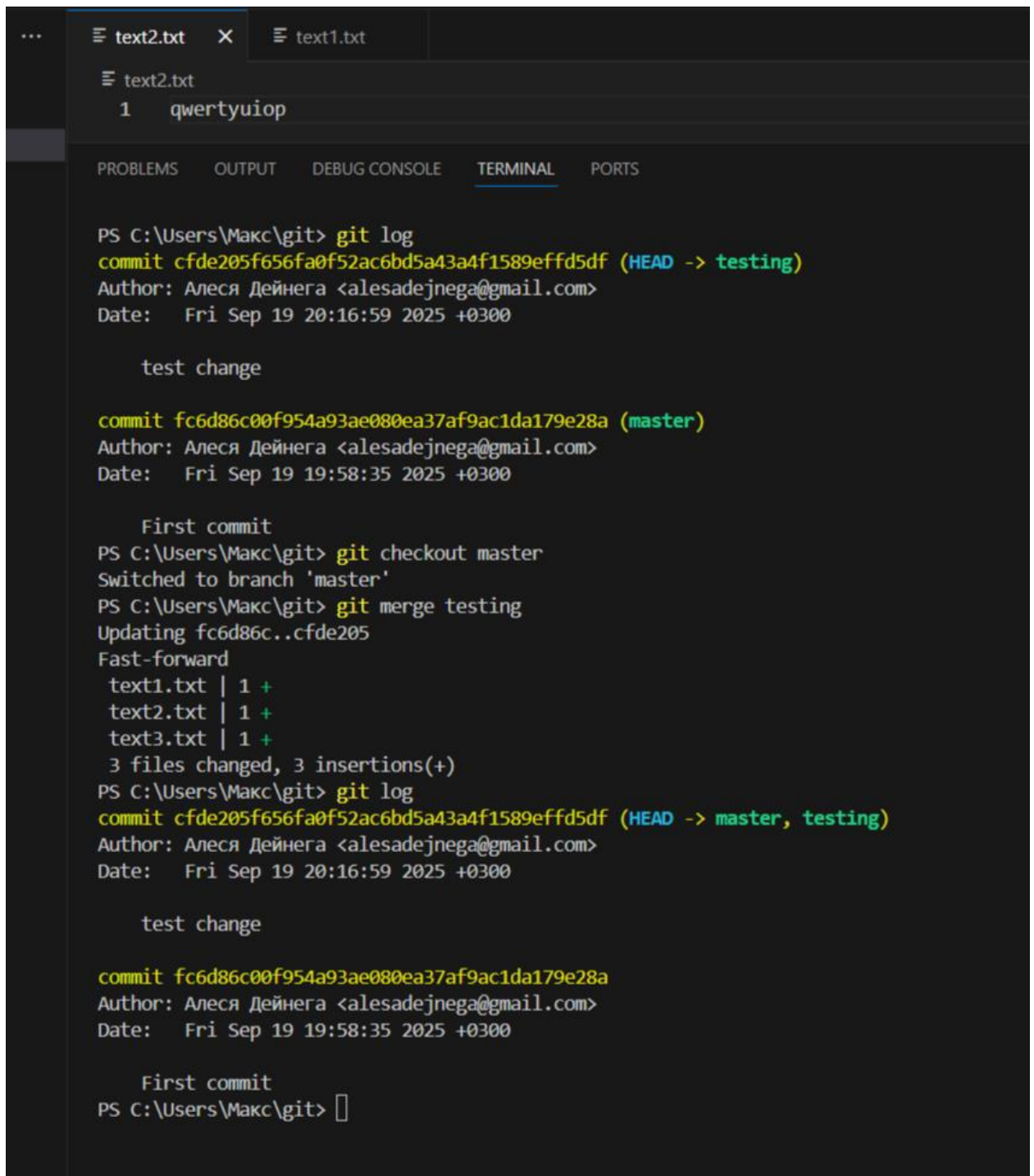
Рисунок 3 – создание файлов и добавление их в индекс

A screenshot of a terminal window showing the execution of several git commands. The first command is 'git commit -m "First commit"', which creates a new commit. The output shows the commit hash and the files that were committed. Subsequent commands include 'git status', 'git diff', and 'git log', which show the current state of the repository, the differences between the working tree and the index, and the commit history, respectively. The terminal text is as follows:

```
PS C:\Users\Макс\git> git commit -m "First commit"
[master (root-commit) fc6d86c] First commit
3 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 text1.txt
create mode 100644 text2.txt
create mode 100644 text3.txt
PS C:\Users\Макс\git> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\Макс\git> git diff
PS C:\Users\Макс\git> git log
commit fc6d86c00f954a93ae080ea37af9ac1da179e28a (HEAD -> master)
Author: Алеся Дейнега <alesadejneg@gmail.com>
Date:   Fri Sep 19 19:58:35 2025 +0300

    First commit
PS C:\Users\Макс\git>
```

Рисунок 4 – сделан коммит



The screenshot shows a code editor with two tabs: 'text2.txt' and 'text1.txt'. The 'text2.txt' tab is active and contains the text '1 qwertyuiop'. Below the editor is a terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Макс\git> git log
commit cfde205f656fa0f52ac6bd5a43a4f1589effd5df (HEAD -> testing)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date:   Fri Sep 19 20:16:59 2025 +0300

    test change

commit fc6d86c00f954a93ae080ea37af9ac1da179e28a (master)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date:   Fri Sep 19 19:58:35 2025 +0300

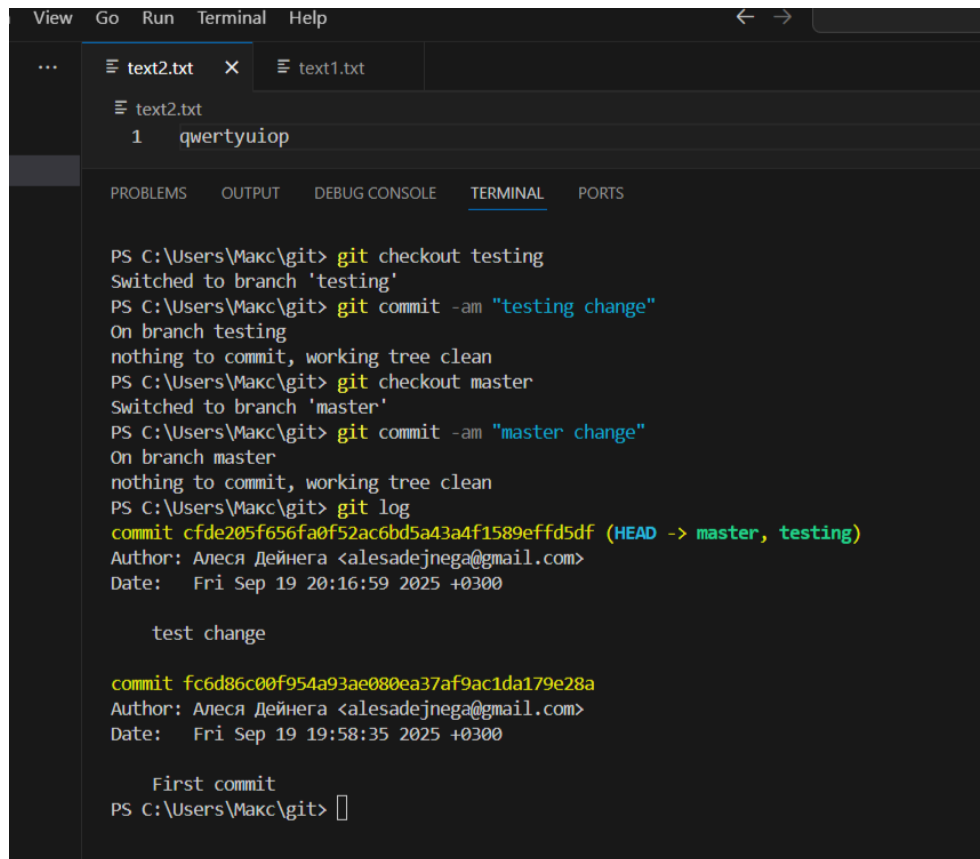
    First commit
PS C:\Users\Макс\git> git checkout master
Switched to branch 'master'
PS C:\Users\Макс\git> git merge testing
Updating fc6d86c..cfde205
Fast-forward
 text1.txt | 1 +
 text2.txt | 1 +
 text3.txt | 1 +
 3 files changed, 3 insertions(+)
PS C:\Users\Макс\git> git log
commit cfde205f656fa0f52ac6bd5a43a4f1589effd5df (HEAD -> master, testing)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date:   Fri Sep 19 20:16:59 2025 +0300

    test change

commit fc6d86c00f954a93ae080ea37af9ac1da179e28a
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date:   Fri Sep 19 19:58:35 2025 +0300

    First commit
PS C:\Users\Макс\git> 
```

Рисунок 5 – создание ветки и переключение на нее



The screenshot shows a VS Code terminal window with the following content:

```
View Go Run Terminal Help
... text2.txt X text1.txt
text2.txt
1 qwertyuiop

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

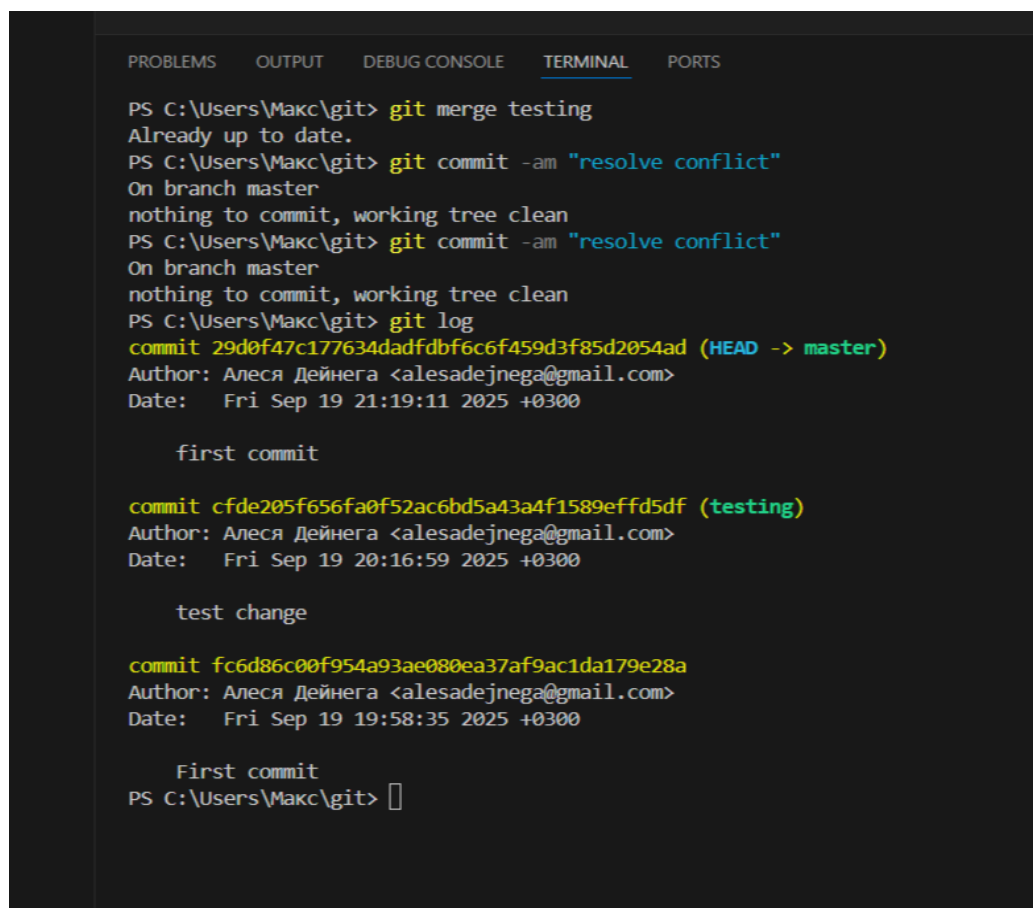
PS C:\Users\Макс\git> git checkout testing
Switched to branch 'testing'
PS C:\Users\Макс\git> git commit -am "testing change"
On branch testing
nothing to commit, working tree clean
PS C:\Users\Макс\git> git checkout master
Switched to branch 'master'
PS C:\Users\Макс\git> git commit -am "master change"
On branch master
nothing to commit, working tree clean
PS C:\Users\Макс\git> git log
commit cfde205f656fa0f52ac6bd5a43a4f1589effd5df (HEAD -> master, testing)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date: Fri Sep 19 20:16:59 2025 +0300

    test change

commit fc6d86c00f954a93ae080ea37af9ac1da179e28a
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date: Fri Sep 19 19:58:35 2025 +0300

    First commit
PS C:\Users\Макс\git>
```

Рисунок 6 – попытка разъединить ветки



The screenshot shows a VS Code terminal window with the following content:

```
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

PS C:\Users\Макс\git> git merge testing
Already up to date.
PS C:\Users\Макс\git> git commit -am "resolve conflict"
On branch master
nothing to commit, working tree clean
PS C:\Users\Макс\git> git commit -am "resolve conflict"
On branch master
nothing to commit, working tree clean
PS C:\Users\Макс\git> git log
commit 29d0f47c177634dadfdbf6c6f459d3f85d2054ad (HEAD -> master)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date: Fri Sep 19 21:19:11 2025 +0300

    first commit

commit cfde205f656fa0f52ac6bd5a43a4f1589effd5df (testing)
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date: Fri Sep 19 20:16:59 2025 +0300

    test change

commit fc6d86c00f954a93ae080ea37af9ac1da179e28a
Author: Алеся Дейнега <alesadejnega@gmail.com>
Date: Fri Sep 19 19:58:35 2025 +0300

    First commit
PS C:\Users\Макс\git>
```

Рисунок 7 – добавление еще одного коммита

```
PS C:\Users\Макс\git> git remote add origin https://github.com/alesadejnega-design/Zadanie1.git
PS C:\Users\Макс\git> git remote -v
origin https://github.com/alesadejnega-design/Zadanie1.git (fetch)
origin https://github.com/alesadejnega-design/Zadanie1.git (push)
PS C:\Users\Макс\git> git push -u origin master
info: please complete authentication in your browser...
fatal: unable to access 'https://github.com/alesadejnega-design/Zadanie1.git/': Recv failure: Connection was reset
PS C:\Users\Макс\git>
PS C:\Users\Макс\git> git push -u origin master
Enumerating objects: 11, done.
Counting objects: 100% (11/11), done.
Delta compression using up to 12 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (11/11), 836 bytes | 278.00 KiB/s, done.
Total 11 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), done.
remote:
remote: Create a pull request for 'master' on GitHub by visiting
remote:   https://github.com/alesadejnega-design/Zadanie1/pull/new/master
remote:
To https://github.com/alesadejnega-design/Zadanie1.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.
PS C:\Users\Макс\git>
PS C:\Users\Макс\git> git log --oneline --graph --all
* 29d0f47 (HEAD -> master, origin/master) first commit
* cfde205 (testing) test change
* fc6d86c First commit
PS C:\Users\Макс\git> █
```

Рисунок 8 – добавление удаленного репозитория, отправка коммитов