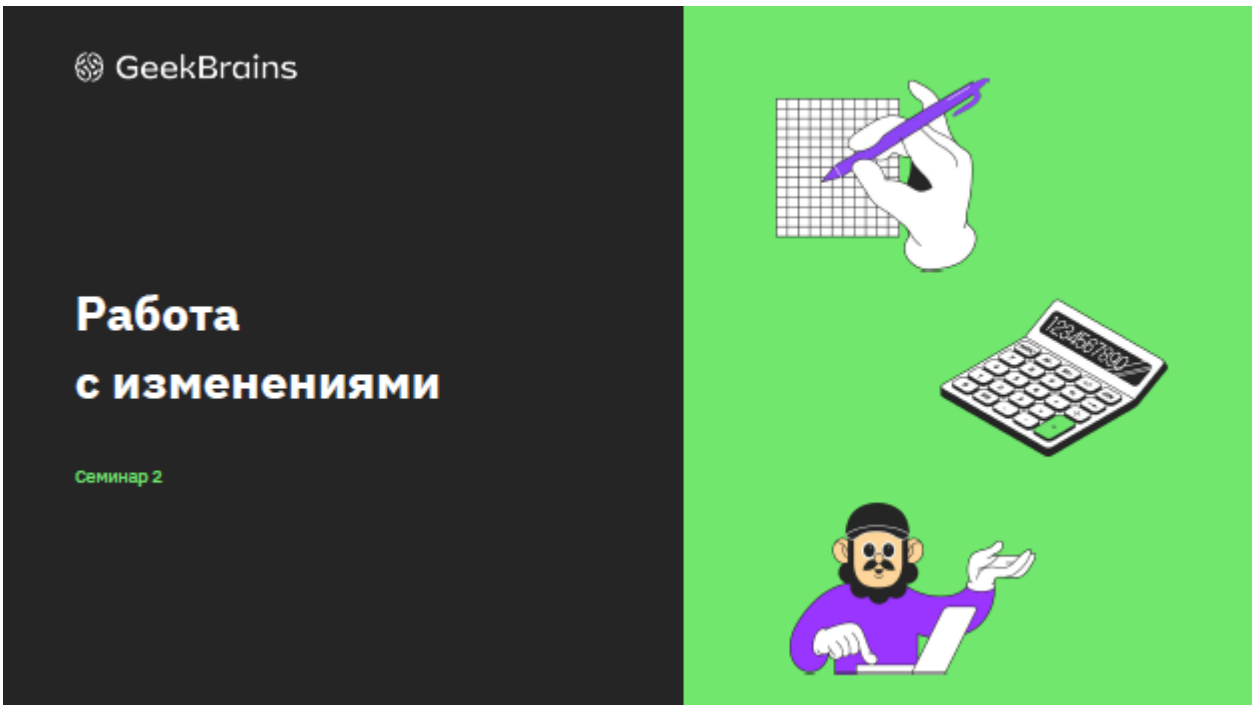
Контроль версий углублённо (GIT). Обучение в записи

Урок 4. Семинар: Работа с изменениями



Задание №1 (тайминг — 15 минут)

- Склонируйте репозиторий https://github.com/sortedmap/git-advanced-s2
- Создайте пустой удалённый репозиторий `seminar-2`
- Удалите связь с текущим репозиторием: `git remote remove origin`
- Подключите свой локальный репозиторий к новому удалённому:

  `git remote add origin path`
- Отправьте изменения в новый удалённый репозиторий:

  `git push -u origin master`
- Просмотрите историю коммитов в репозитории при помощи `git log`
- Просмотрите изменения в нескольких коммитах: `git diff from to`

Ход выполнения задания 1.

user@DESKTOP-929P2AG MINGW64 /
$ cd ~/Desktop/

user@DESKTOP-929P2AG MINGW64 ~/Desktop
$ git clone git@github.com:sortedmap/git-advanced-s2.git
Cloning into 'git-advanced-s2'...
remote: Enumerating objects: 54, done.
remote: Counting objects: 100% (54/54), done.
remote: Compressing objects: 100% (38/38), done.

```
remote: Total 54 (delta 18), reused 49 (delta 13), pack-reused 0 (from 0)
Receiving objects: 100% (54/54), 12.10 KiB | 6.05 MiB/s, done.
Resolving deltas: 100% (18/18), done.

user@DESKTOP-929P2AG MINGW64 ~/Desktop
$ cd git-advanced-s2/

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git remote -v
origin  git@github.com:sortedmap/git-advanced-s2.git (fetch)
origin  git@github.com:sortedmap/git-advanced-s2.git (push)

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git remote remove origin

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git remote -v

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git remote add origin git@github.com:olgashenkel/seminar-2.git

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git remote -v
origin  git@github.com:olgashenkel/seminar-2.git (fetch)
origin  git@github.com:olgashenkel/seminar-2.git (push)

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (master)
$ git branch -M main

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git push -u origin main
Enumerating objects: 54, done.
Counting objects: 100% (54/54), done.
Delta compression using up to 20 threads
Compressing objects: 100% (33/33), done.
Writing objects: 100% (54/54), 12.10 KiB | 1.01 MiB/s, done.
Total 54 (delta 18), reused 54 (delta 18), pack-reused 0
remote: Resolving deltas: 100% (18/18), done.
To github.com:olgashenkel/seminar-2.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git log
commit 8897d25c3fd2a037185a5e518b32e931b2a3161b (HEAD -> main, origin/main)
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:42:31 2022 +0300

    refactoring

commit daaa3d32ff98ffad7321c14815438b28a7583529
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:37:58 2022 +0300

    reset button enabling/disabling added
```

```
commit bbf1b69d61ce9ebadb0ecfe9563a50bf0a88b3d5
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:36:46 2022 +0300

    reset button added

commit fe4e2639663f50c652dc7dfcae7c715bba3e87f8
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:29:18 2022 +0300

    button inactivation added

commit d014a17ca049ad5389484b1cf29e695ab7d36dcf
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 09:20:36 2022 +0300

    text styles changed

commit 13a902e43c6ffbf36ee553e3d24377bb11e1575c


user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git diff 13a902e43c6ffbf36ee553e3d24377bb11e1575c
diff --git a/index.html b/index.html
index 2853512..f1a3173 100644
--- a/index.html
+++ b/index.html
@@ -21,6 +21,9 @@
         #result {
             margin-top: 20px;
         }
+        #reset-button {
+            margin-left: 20px;
+        }
     </style>
     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
@@ -28,9 +31,10 @@
 </head>
 <body>
     <h1>Измеритель длины текста</h1>
-    <p>Введите текст в поле ниже, и система измерит и покажет его длину.</p>
+    <p class="fw-lighter">Введите текст в поле ниже, и система измерит и покажет его
длину.</p>
     <textarea class="form-control" id="text"></textarea>
-    <button class="btn btn-info" id="count-button">Посчитать</button>
+    <button class="btn btn-success" id="count-button" disabled="disabled">Посчитать</button>
+    <button class="btn btn-danger" id="reset-button" disabled="disabled">Очистить</button>
     <div id="result"></div>
 </body>
 </html>
```

\ No newline at end of file
diff --git a/logs/access.log b/logs/access.log

Задание №2 (тайминг — 15 минут)

- Найдите коммит, в котором в файле `index.html` был добавлен фрагмент `class="fw-lighter"` в строку 34 (используйте команду `git blame`)
- Перейдите в отдельную ветку (имя ветки придумайте самостоятельно)
- Отмените изменения, выполненные именно в данном коммите. Для этого используйте команду `git revert commit`
- Опишите суть изменений в сообщении коммита (в открывшемся редакторе `vim`)
- Просмотрите получившийся коммит и изменения в нём
- Отправьте этот коммит в свой репозиторий

Ход выполнения задания 2.

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git blame index.html
...
*d014a17c (Daniil Pilipenko 2022-11-01 09:20:36 +0300 34) Введите текст в поле ниже, и система измерит и покажет его длину. *
13a902e4 (Daniil Pilipenko 2022-11-01 09:14:44 +0300 35) <textarea class="form-control" id="text"></textarea>

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git branch seminar-2

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git branch
** main*
* seminar-2*

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git checkout seminar-2
Switched to branch 'seminar-2'

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git diff d014a17c
diff --git a/index.html b/index.html
index 8210c7f..f1a3173 100644
--- a/index.html
+++ b/index.html
@@ -21,6 +21,9 @@
*   #result {*
*   margin-top: 20px;*
*   }*
+   #reset-button {

```
+           margin-left: 20px;
+       }
    </style>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
Zenh87qX5JnK2Jl0vWa8Ck2rdkQ2Bzep5IDxbcnCeuOxjzrPF/et3URy9Bv1WTRi"
crossorigin="anonymous">
    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.2/dist/js/bootstrap.bundle.min.js"
integrity="sha384-OERcA2EqjJCMA+/3y+gxIOqMEjwtxJY7qPCqsdltbNJuaOe923+mo//f6V8Qbsw3"
crossorigin="anonymous"></script>
@@ -30,7 +33,8 @@
    <h1>Измеритель длины текста</h1>
    <p class="fw-lighter">Введите текст в поле ниже, и система измерит и покажет его
длину.</p>
    <textarea class="form-control" id="text"></textarea>
-   <button class="btn btn-info" id="count-button">Посчитать</button>
+   <button class="btn btn-success" id="count-button" disabled="disabled">Посчитать</button>
+   <button class="btn btn-danger" id="reset-button" disabled="disabled">Очистить</button>
    <div id="result"></div>
 </body>
 </html>
\ No newline at end of file
diff --git a/logs/access.log b/logs/access.log
new file mode 100644
index 0000000..3e80617
--- /dev/null

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git revert d014a17c
Auto-merging index.html
[seminar-2 be0cebd] Revert "text styles changed"
 1 file changed, 1 insertion(+), 1 deletion(-)

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git log
commit be0cebd8d3c879aa37dd0d025b5409a660e6e7ba (HEAD -> seminar-2)
Author: olgashenkel <olga_shenkel@mail.ru>
Date:   Tue Jan 7 00:15:46 2025 +0200

    Revert "text styles changed"

    This reverts commit d014a17ca049ad5389484b1cf29e695ab7d36dcf.

commit 8897d25c3fd2a037185a5e518b32e931b2a3161b (origin/main, main)
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:42:31 2022 +0300

    refactoring

commit daaa3d32ff98ffad7321c14815438b28a7583529
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:37:58 2022 +0300

    reset button enabling/disabling added

commit bbf1b69d61ce9ebadb0ecfe9563a50bf0a88b3d5
```

```
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:36:46 2022 +0300

    reset button added

commit fe4e2639663f50c652dc7dfcae7c715bba3e87f8
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:29:18 2022 +0300

    button inactivation added

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git diff be0cebd8d3c879aa37dd0d025b5409a660e6e7ba

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git diff 8897d25c3fd2a037185a5e518b32e931b2a3161b
diff --git a/index.html b/index.html
index f1a3173..23bc8f6 100644
--- a/index.html
+++ b/index.html
@@ -31,7 +31,7 @@
 </head>
 <body>
     <h1>Измеритель длины текста</h1>
-    <p class="fw-lighter">Введите текст в поле ниже, и система измерит и покажет его длину.</p>
+    <p>Введите текст в поле ниже, и система измерит и покажет его длину.</p>
     <textarea class="form-control" id="text"></textarea>
     <button class="btn btn-success" id="count-button" disabled="disabled">Посчитать</button>
     <button class="btn btn-danger" id="reset-button" disabled="disabled">Очистить</button>

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git push -u origin/seminar-2
fatal: 'origin/seminar-2' does not appear to be a git repository
fatal: Could not read from remote repository.

Please make sure you have the correct access rights
and the repository exists.

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2)
$ git push -u origin seminar-2
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 20 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 393 bytes | 393.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'seminar-2' on GitHub by visiting:
remote:      https://github.com/olgashenkel/seminar-2/pull/new/seminar-2
remote:
To github.com:olgashenkel/seminar-2.git
 * [new branch]      seminar-2 -> seminar-2
branch 'seminar-2' set up to track 'origin/seminar-2'.
```

Задание №3 (тайминг — 15 минут)

- Откройте файл `index.html` в браузере, ознакомьтесь с функционалом веб-страницы
- Найдите коммит, в котором была удалена функция подсчёта количества слов (`countWords` в файле `main.js`)
- Создайте новую ветку. Название ветки придумайте самостоятельно
- В новой ветке верните обратно весь функционал подсчёта количества слов, используя команду `git revert commit`
- Убедитесь в браузере, что функционал заработал: введите в поле текст, нажмите кнопку “Посчитать” и убедитесь в том, что количество слов стало считаться
- Отправьте изменения в текущей ветке в удалённый репозиторий
- Влейте эти изменения и изменения из предыдущего задания в ветку `master`, и также отправьте в удалённый репозиторий
- Зайдите в удалённый репозиторий и просмотрите историю коммитов

Ход выполнения задания 3.

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git checkout -b seminar-2v1
Switched to a new branch 'seminar-2v1'

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git branch
  main
  seminar-2
* seminar-2v1

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git log
commit 8897d25c3fd2a037185a5e518b32e931b2a3161b (HEAD -> seminar-2v1, origin/main, main)
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:42:31 2022 +0300

    refactoring

commit daaa3d32ff98ffad7321c14815438b28a7583529
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:37:58 2022 +0300

    reset button enabling/disabling added

commit bbf1b69d61ce9ebadb0ecfe9563a50bf0a88b3d5
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:36:46 2022 +0300

    reset button added

commit fe4e2639663f50c652dc7dfcae7c715bba3e87f8
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Tue Nov 1 10:29:18 2022 +0300
```

button inactivation added

commit d014a17ca049ad5389484b1cf29e695ab7d36dcf
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 09:20:36 2022 +0300

text styles changed

commit 13a902e43c6ffbf36ee553e3d24377bb11e1575c
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 09:14:44 2022 +0300

changed styles of form elements

commit 69ee940cde148081fd3cc1ad44324279b4e9ac0c
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 09:03:47 2022 +0300

added logs folder

commit c7e2f247eee7e5bca2113524d475f305dc603ca3
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 08:51:42 2022 +0300

removed word counting function

commit 560a30066a37aff0f5d5badcf11304744dde74b5
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 08:51:05 2022 +0300

removed word counting

commit 62d35c31cb58870aacc8d0a1ee031b2b5d3c5ab0
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Tue Nov 1 00:35:24 2022 +0300

Bootstrap styles added

commit 464f0deee311b4bdbf88e8b6406a3c1196624865
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Mon Oct 31 23:22:31 2022 +0300

length without spaces counting added

commit b4a1840199304f92954d5a956463129e9f442ccd
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Mon Oct 31 22:59:14 2022 +0300

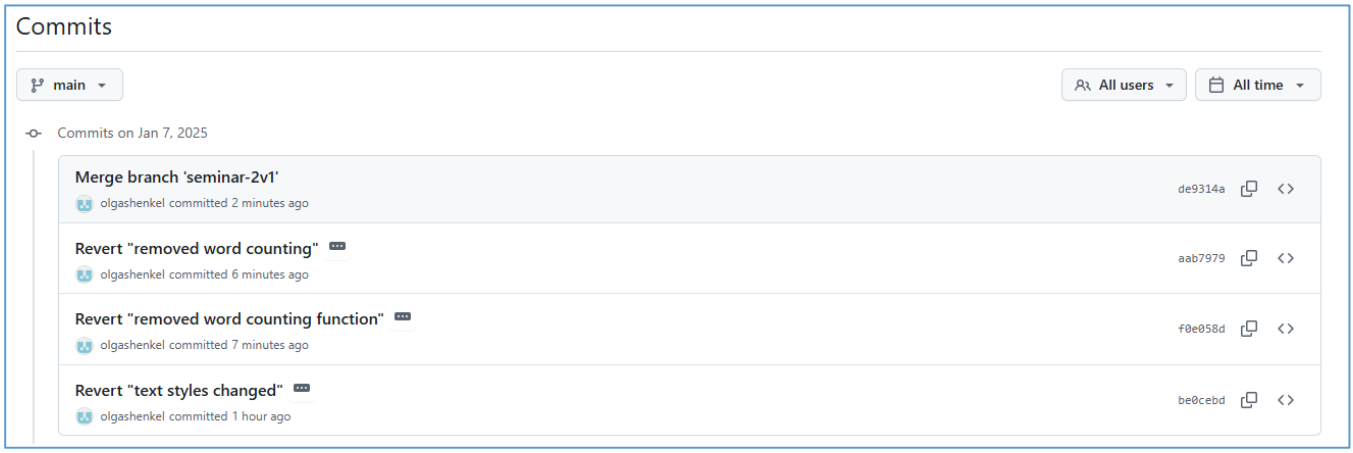
word count added

commit 1c9f8b890cdd43c31c44647f34f1497de3c5edbd
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date: Mon Oct 31 22:48:16 2022 +0300

adding result field instead of alert

```
commit 7185cc102bf721004875a3f78151300be8584d9c
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Mon Oct 31 22:03:06 2022 +0300

    added textarea, button and counting script

commit 3473752e84494f4b7f23839800694bb4bab94c6c
Author: Daniil Pilipenko <sortedmap@gmail.com>
Date:   Sun Oct 30 14:54:01 2022 +0300

    initial


user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git revert c7e2f247eee7e5bca2113524d475f305dc603ca3
Auto-merging main.js
[seminar-2v1 f0e058d] Revert "removed word counting function"
 1 file changed, 12 insertions(+)

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git revert 560a30066a37aff0f5d5badcf11304744dde74b5
Auto-merging main.js
[seminar-2v1 aab7979] Revert "removed word counting"
 1 file changed, 3 insertions(+), 1 deletion(-)


user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git status
On branch seminar-2v1
nothing to commit, working tree clean

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (seminar-2v1)
$ git push origin seminar-2v1
Enumerating objects: 8, done.
Counting objects: 100% (8/8), done.
Delta compression using up to 20 threads
Compressing objects: 100% (6/6), done.
Writing objects: 100% (6/6), 847 bytes | 847.00 KiB/s, done.
Total 6 (delta 4), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (4/4), completed with 2 local objects.
remote:
remote: Create a pull request for 'seminar-2v1' on GitHub by visiting:
remote:      https://github.com/olgashenkel/seminar-2/pull/new/seminar-2v1
remote:
To github.com:olgashenkel/seminar-2.git
 * [new branch]      seminar-2v1 -> seminar-2v1

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git branch
* main
  seminar-2
  seminar-2v1

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git merge seminar-2
Updating 8897d25..be0cebd
```

```
Fast-forward
 index.html | 2 +-
 1 file changed, 1 insertion(+), 1 deletion(-)

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git merge seminar-2v1
Merge made by the 'ort' strategy.
 main.js | 16 ++++++++++++++++-
 1 file changed, 15 insertions(+), 1 deletion(-)


user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 20 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (2/2), 281 bytes | 281.00 KiB/s, done.
Total 2 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:olgashenkel/seminar-2.git
   8897d25..de9314a  main -> main
```



Задание №4 (тайминг — 15 минут)

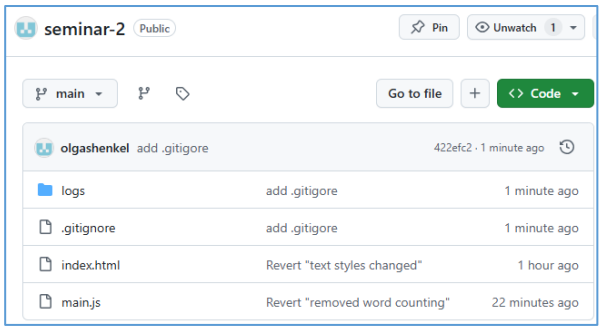
- В репозитории есть папка `logs` для хранения логов. И также есть файл `.gitkeep`, предназначенный для того, чтобы директория хранилась в репозитории
- Выполняйте задание в ветке `master`
- Удалите файлы логов из репозитория и из отслеживания (`git rm --cached`)
- Добавьте их в файл `.gitignore` таким образом, чтобы папка и файл `.gitkeep` не пропали из репозитория, но новые файлы логов с любыми именами не отслеживались Git-ом
- Закоммитьте изменения и отправьте их в свой репозиторий

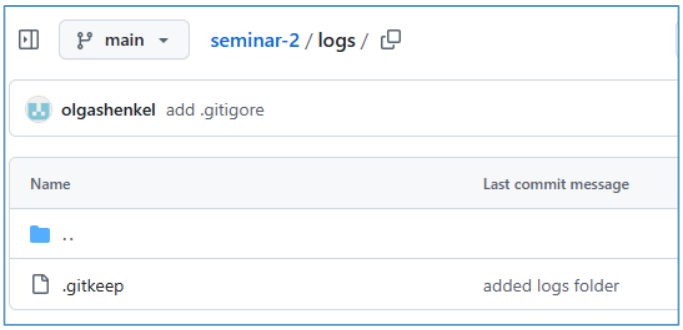
Ход выполнения задания 4.

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ ls
index.html  logs/  main.js

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ cd logs/

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ ls
access.log  error.log

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ git rm --cached access.log
rm 'logs/access.log'

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ 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)
        deleted:    access.log

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

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ git rm --cached error.log
rm 'logs/error.log'

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ 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)
        deleted:    access.log
        deleted:    error.log

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

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2/logs (main)
$ cd ..


user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ 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)
        deleted:    logs/access.log
        deleted:    logs/error.log

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

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git add .gitignore

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ 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:   .gitignore
        deleted:    logs/access.log
        deleted:    logs/error.log

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git commit -m "add .gitigore"
[main 422efc2] add .gitigore
 3 files changed, 1 insertion(+), 343 deletions(-)
 create mode 100644 .gitignore
 delete mode 100644 logs/access.log
 delete mode 100644 logs/error.log

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ 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

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ git push
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Delta compression using up to 20 threads
Compressing objects: 100% (2/2), done.
```

Writing objects: 100% (4/4), 397 bytes | 397.00 KiB/s, done.
Total 4 (delta 0), reused 1 (delta 0), pack-reused 0
To github.com:olgashenkel/seminar-2.git
   de9314a..422efc2 main -> main





Домашнее задание

- Данное домашнее задание является продолжением домашнего задания, которое вы выполняли на предыдущем семинаре в репозитории с собственным проектом
- Просмотрите историю коммитов в своём проекте и выберите три случайных коммита. Просмотрите изменения, которые были в них сделаны
- Верните эти изменения командой `git revert` последовательно, чтобы в итоге получилось тоже три коммита
- Попробуйте отменить эти три коммита:
  - Последний — командами `git reset --soft` и `git restore`
  - Предпоследний — командой `git reset --mixed` и `git restore`
  - Первый — командой `git reset --hard`

Ссылка на репозиторий GitHub:
https://github.com/olgashenkel/remote-test-2/tree/main

user@DESKTOP-929P2AG MINGW64 ~/Desktop/git-advanced-s2 (main)
$ cd ~/Desktop/remote-test-1/

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git status
On branch main
nothing to commit, working tree clean

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git log
commit 3a3f24e9f3be913edf891cbf3d8ac642b63e5f4a (HEAD -> main, origin/main)
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Tue Jan 7 02:25:18 2025 +0200

    update file

commit a8259cc398d4a5de297a12164f6118942beb69b2
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Tue Jan 7 02:14:17 2025 +0200

    update test-1

commit e10f9152315ecf93caccc49d557e9019360894c2
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Tue Jan 7 02:13:26 2025 +0200

    rename test-1

commit 40b9713068ac8735e96a727363b0133100d530b2
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Tue Jan 7 01:54:40 2025 +0200

    Revert "Update test-2"

    This reverts commit 9024f00f2f8fdfd257cc774a992488aafbf15ad3.

commit 52bed68e80950b8f06876dd6612c40cb123239ba
Merge: bc6b5f8 6722abc
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Sun Jan 5 21:58:19 2025 +0200

    Merge remote-tracking branch 'source/main'

commit bc6b5f87326134363a9997e31cce3d36aede1fb4
Merge: fcda8b8 7ee4dbe
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Sun Jan 5 21:57:04 2025 +0200

    Merge remote-tracking branch 'origin/main'

commit 7ee4dbe2ef3e36f078ce233a9a9bfbf66e8a4e56
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:55:55 2025 +0200

    Rename test-2.txt to test-2.md

commit 2dcd21d8a39c3d876f3364218e8a3b91d427e4e4
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:55:35 2025 +0200

    Rename test-2 to test-2.txt

commit 9024f00f2f8fdfd257cc774a992488aafbf15ad3
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:54:59 2025 +0200

    Update test-2

commit 6722abc4628bb87d94bf3298d92d12e5d77da6db
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:54:27 2025 +0200

    Update README.md

commit 30ce0233049ce803f67eae6fe4d20ee4f2d03493
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:54:08 2025 +0200

Update README.md

commit fcda8b8335cbf19a57f842b4b81e890724675ece
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:50:59 2025 +0200

Update README.md

commit 948a889bb39b64cffc3850440c6c8557e9fc0b8a
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 21:50:50 2025 +0200

Update README.md

commit c70e638b2beacbddd10c2f22f9423179cf891261
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 11:05:56 2025 +0200

Update README.md

commit 669862c134ef190dc6c294c2c76afcad3db708ab
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 11:05:35 2025 +0200

Create test-2

commit 1f49f39bd7f575b6d5a07e53ecfcd83868b176ab
Merge: e35eda4 6071fdc
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Sun Jan 5 10:56:38 2025 +0200

fatal: Exiting because of an unresolved conflict

commit e35eda4a0e5f26160e2fb9f578b905d0c6c220b5
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 10:48:13 2025 +0200

Update README.md

commit 6071fdc6b4c4be502ed899e53b4acdf7d8d48430
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 10:48:00 2025 +0200

Update README.md

commit a248c0629fa05440fc12a1124af6fe7b119590f5
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 10:47:48 2025 +0200

Update README.md

commit e786c05a2f07605a0635dcbb1f6d2536fa824b78
Author: olgashenkel <olga_shenkel@mail.ru>
Date: Sun Jan 5 10:42:08 2025 +0200

update README.md

commit efa0c36d90775564e503f99060083565233d04b5
Author: olgashenkel <158843723+olgashenkel@users.noreply.github.com>
Date: Sun Jan 5 02:17:39 2025 +0200

Initial commit

Commit a8259cc398d4a5de297a12164f6118942beb69b2

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git diff a8259cc398d4a5de297a12164f6118942beb69b2
diff --git a/test-1.md b/test-1.md
index f18c2e9..709eaae 100644
--- a/test-1.md
+++ b/test-1.md
@@ -1,5 +1,3 @@
 Задание № 2. Внесение изменений в файл удаленно (в репозитории remote-test-2)

 Домашняя работа № 2. Внесение изменений в файл локально
-
-test test test
\ No newline at end of file
```

Commit 9024f00f2f8fdfd257cc774a992488aafbf15ad3

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git diff 9024f00f2f8fdfd257cc774a992488aafbf15ad3
diff --git a/README.md b/README.md
index 243574a..ae74d2f 100644
--- a/README.md
+++ b/README.md
@@ -1,4 +1,5 @@
 # remote-test-1
 Задание № 2. Внесение изменений в файл локально (на ПК)

-Задание № 2. Внесение изменений в файл удаленно (в репозитории remote-test-2)
+
+***Задание № 2. Внесение изменений в файл удаленно (в репозитории remote-test-1)***
diff --git a/test-2 b/test-2.md
similarity index 100%
rename from test-2
rename to test-2.md
```

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main|REVERTING)
$ git revert a8259cc398d4a5de297a12164f6118942beb69b2
[main f03dd6b] Revert "update test-1"
 1 file changed, 2 deletions(-)
```

```
user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
```

```
$ git revert 9024f00f2f8fdfd257cc774a992488aafbf15ad3
[main 40b9713] Revert "Update test-2"
 1 file changed, 1 insertion(+), 1 deletion(-)


user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git reset --mixed 3a3f24e9f3be913edf891cbf3d8ac642b63e5f4a
Unstaged changes after reset:
M       test-1.md

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git status
On branch main
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   test-1.md

no changes added to commit (use "git add" and/or "git commit -a")

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git add .

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git status
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   test-1.md


user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git commit -m "update test"
[main 5996b6a] update test
 1 file changed, 1 insertion(+), 1 deletion(-)


user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git push origin main
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 20 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 333 bytes | 333.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:olgashenkel/remote-test-2.git
   3a3f24e..5996b6a  main -> main

user@DESKTOP-929P2AG MINGW64 ~/Desktop/remote-test-1 (main)
$ git remote -v
origin  git@github.com:olgashenkel/remote-test-2.git (fetch)
origin  git@github.com:olgashenkel/remote-test-2.git (push)
```