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Кафедра
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Дисциплина «Основы системного программного обеспечения»

Отчет по лабораторной работе № 1

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1. **Цель**
2. **Задачи работы**
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Цель работы: научиться работать со своим репозиторием GitHub, создавать и отправлять на сервер коммиты, подключаться к своему аккаунту и репозиторию через консоль GitBash. Восстанавливать файлы из других версий коммитов, создавать, удалять, соединять ветки репозитория, а также подключаться к чужим. Редактировать и создавать новые файлы в чужих репозиториях и отправлять на сервер.

Задачи работы: фиксация изменений в области заготовленных файлов, отправка коммитов на сервер, запрос изменения с сервера, создание, слияние, удаление новой ветки, просмотр изменений и разрешение конфликтов, возврат к предыдущему состоянию, исправление коммита.

Выполнение работы

```
MINGW64/c/Users/hellsing/.git
eval [arg ...]
exec [-cl] [-a name] [command [argument ...]] [r>
exit [n]
export [-fn] [name=value] ... or export -p
false
fc [-e ename] [-lnr] [first] [last] or fc -s [pa
fg [job_spec]
for NAME [in WORDS ... ] ; do COMMANDS; done
for (( exp1; exp2; exp3 )); do COMMANDS; done
function name { COMMANDS ; } or name () { COMMAN>
getopts optstring name [arg ...]
hash [-lr] [-p pathname] [-dt] [name ...]
help [-dms] [pattern ...]
trap [-lp] [[arg] signal_spec ...]
true
type [-afptP] name [name ...]
typeset [-aAfGiIlNrtux] name[=value] ... or ty
ulimit [-SHabcdefiklmnpqrstuvxPRT] [limit]
umask [-p] [-S] [mode]
unalias [-a] name [name ...]
unset [-f] [-v] [-n] [name ...]
until COMMANDS; do COMMANDS-2; done
variables - Names and meanings of some shell va>
wait [-fn] [-p var] [id ...]
while COMMANDS; do COMMANDS-2; done
{ COMMANDS ; }

HELLSING@HELLSING-PC MINGW64 ~ (master)
$ cd

HELLSING@HELLSING-PC MINGW64 ~ (master)
$ git init
Reinitialized existing Git repository in C:/Users/HELLSING/.git/

HELLSING@HELLSING-PC MINGW64 ~ (master)
$ cd ..

HELLSING@HELLSING-PC MINGW64 /c/Users
$ cd .git
bash: cd: .git: No such file or directory

HELLSING@HELLSING-PC MINGW64 /c/Users
$ cd hellsing

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing (master)
$ cd .git

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (GIT_DIR!)
$ git init
Initialized empty Git repository in C:/Users/HELLSING/.git/.git/

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    1.txt
    FETCH_HEAD
    HEAD
    config
    description
    hooks/
    info/

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

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$
```

Рис.1 Поиск сторонних файлов в .git

```
MINGW64:/c/Users/hellsing/.git
warning: in the working copy of 'hooks/pre-applypatch.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/pre-commit.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/pre-merge-commit.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/pre-push.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/pre-rebase.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/pre-receive.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/prepare-commit-msg.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/push-to-checkout.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/sendemail-validate.sample', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'hooks/update.sample', LF will be replaced by CRLF the next time Git touches it

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$ git add info/
warning: in the working copy of 'info/exclude', LF will be replaced by CRLF the next time Git touches it

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   1.txt
    new file:   FETCH_HEAD
    new file:   HEAD
    new file:   config
    new file:   description
    new file:   hooks/applypatch-msg.sample
    new file:   hooks/commit-msg.sample
    new file:   hooks/fsmonitor-watchman.sample
    new file:   hooks/post-update.sample
    new file:   hooks/pre-applypatch.sample
    new file:   hooks/pre-commit.sample
    new file:   hooks/pre-merge-commit.sample
    new file:   hooks/pre-push.sample
    new file:   hooks/pre-rebase.sample
    new file:   hooks/pre-receive.sample
    new file:   hooks/prepare-commit-msg.sample
    new file:   hooks/push-to-checkout.sample
    new file:   hooks/sendemail-validate.sample
    new file:   hooks/update.sample
    new file:   info/exclude

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$
```

Рис. 2. Добавление новых файлов

```
MINGW64:/c/Users/hellsing/.git
No commits yet

Changes to be committed:
(use "git rm --cached <file>..." to unstage)
    new file:   1.txt
    new file:   FETCH_HEAD
    new file:   HEAD
    new file:   config
    new file:   description
    new file:   hooks/applypatch-msg.sample
    new file:   hooks/commit-msg.sample
    new file:   hooks/fsmonitor-watchman.sample
    new file:   hooks/post-update.sample
    new file:   hooks/pre-applypatch.sample
    new file:   hooks/pre-commit.sample
    new file:   hooks/pre-merge-commit.sample
    new file:   hooks/pre-push.sample
    new file:   hooks/pre-rebase.sample
    new file:   hooks/pre-receive.sample
    new file:   hooks/prepare-commit-msg.sample
    new file:   hooks/push-to-checkout.sample
    new file:   hooks/sendemail-validate.sample
    new file:   hooks/update.sample
    new file:   info/exclude

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$ git commit -m "first commit"
[master (root-commit) 5bac796] first commit
20 files changed, 883 insertions(+)
create mode 100644 1.txt
create mode 100644 FETCH_HEAD
create mode 100644 HEAD
create mode 100644 config
create mode 100644 description
create mode 100644 hooks/applypatch-msg.sample
create mode 100644 hooks/commit-msg.sample
create mode 100644 hooks/fsmonitor-watchman.sample
create mode 100644 hooks/post-update.sample
create mode 100644 hooks/pre-applypatch.sample
create mode 100644 hooks/pre-commit.sample
create mode 100644 hooks/pre-merge-commit.sample
create mode 100644 hooks/pre-push.sample
create mode 100644 hooks/pre-rebase.sample
create mode 100644 hooks/pre-receive.sample
create mode 100644 hooks/prepare-commit-msg.sample
create mode 100644 hooks/push-to-checkout.sample
create mode 100644 hooks/sendemail-validate.sample
create mode 100644 hooks/update.sample
create mode 100644 info/exclude

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$ git status
On branch master
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 /c/Users/hellsing/.git (master)
$
```

Рис.3. Создание коммита

```
MINGW64:/c/Users/HELLSING/.git
ntuser.ini
"\320\234\320\276\320\270 \320\264\320\276\320\272\321\203\320\274\320\265\320\275\321\202\321\
213/"
"\320\263\320\273\320\260\320\262\320\275\320\276\320\265 \320\274\320\265\320\275\321\216/"

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

HELLSING@HELLSING-PC MINGW64 ~ (master)
$ cd .git

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git status
On branch master
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git remote add origin https://github.com/ilysha-228/Lab1-Stankin-ADB2107
error: remote origin already exists.

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git remote add origin https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git
error: remote origin already exists.

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git remote -v
origin https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git (fetch)
origin https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git (push)

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git pull origin master
From https://github.com/ilysha-228/Lab1-Stankin-ADB2107
 * branch      master       -> FETCH_HEAD
Already up to date.

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git push origin master
remote: Support for password authentication was removed on August 13, 2021.
remote: Please see https://docs.github.com/get-started/getting-started-with-git/about-remote-repositori
es#cloning-with-https-urls for information on currently recommended modes of authentication.
fatal: Authentication failed for 'https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git/'

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ ^C

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git push origin master
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 8 threads
Compressing objects: 100% (22/22), done.
Writing objects: 100% (26/26), 12.55 KiB | 6.27 MiB/s, done.
Total 26 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git
 c40837c..1952303 master -> master

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ |
```

Рис.4 Отправка коммита на сервер


```
MINGW64:/c/Users/HELLSING/git
fatal: Authentication failed for 'https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git/'

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ ^C

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git push origin master
Enumerating objects: 27, done.
Counting objects: 100% (27/27), done.
Delta compression using up to 8 threads
Compressing objects: 100% (22/22), done.
Writing objects: 100% (26/26), 12.55 KiB | 6.27 MiB/s, done.
Total 26 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), done.
To https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git
   c40837c..1952303  master -> master

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git log
commit 1952303ca507bb25459a9d509e5fda51db52c567 (HEAD -> master, origin/master)
Merge: 5bac796 c40837c
Author: ilysha-228 <ilya_kudymov@mail.ru>
Date:   Sun May 19 22:18:04 2024 +0300

    Merge branch 'master' of https://github.com/ilysha-228/Lab1-Stankin-ADB2107

commit 5bac79658960e5095776c35e661be6c21b509b69
Author: ilysha-228 <ilya_kudymov@mail.ru>
Date:   Sun May 19 22:14:23 2024 +0300

    first commit

commit c40837c816026dc60692c068714e33d26651d48c
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date:   Tue Apr 9 11:11:07 2024 +0300

    Update README.md

commit 89dcc5e208719ba0d107505a5fed88ac0b65248b
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date:   Tue Apr 9 09:33:26 2024 +0300

    Rename mb truth lab to mb truth lab.txt

commit b726188b7054191c2f2359634e529aab270dea94
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date:   Tue Apr 9 09:33:05 2024 +0300

    Create mb truth lab

commit 0d26eda28f88767547c26e11f7b1969cfc719243
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date:   Tue Apr 9 09:22:54 2024 +0300

    README.md

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$
```

Рис.5 Проверка через git log

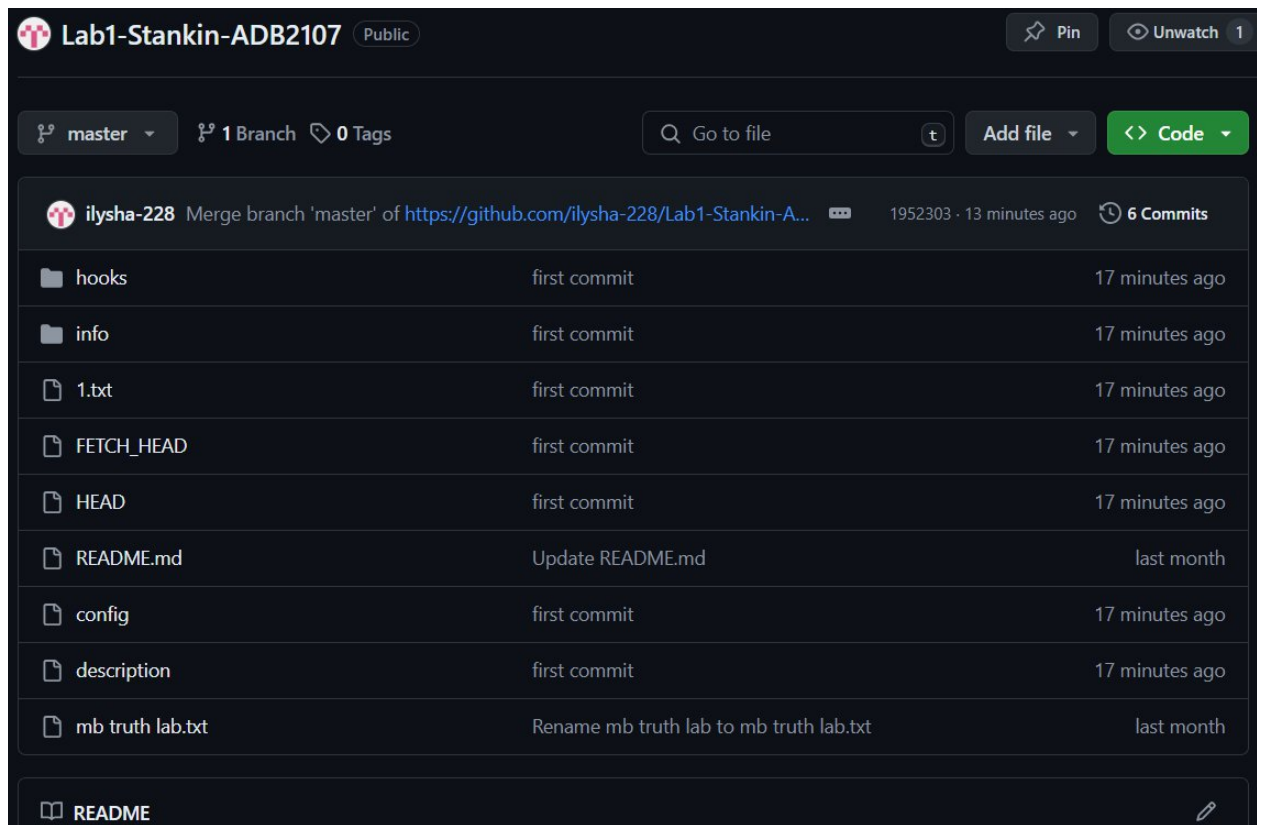


Рис.6. Результат отправки

```
MINGW64:/c/Users/HELLSING/.git

commit b726188b7054191c2f2359634e529aab270dea94
Author: Лера Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 09:33:05 2024 +0300

    Create mb truth lab

commit 0d26eda28f88767547c26e11f7b1969cfc719243
Author: Лера Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 09:22:54 2024 +0300

    README.md

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git branch second

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git branch
* master
  second

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git checkout second
Switched to branch 'second'

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git status
On branch second
Untracked files:
  (use "git add <file>..." to include in what will be committed)
    Kudymov.txt

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

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git add Kudymov.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git status
On branch second
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
    new file:   Kudymov.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git commit -m "second commit for second branch"
[second 705d034] second commit for second branch
 1 file changed, 1 insertion(+)
 create mode 100644 Kudymov.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git status
On branch second
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$
```

Рис.7. Создание новой ветки, подключение

```
MINGW64:/c/Users/HELLSING/.git
Author: ilysha-228 <ilya_kudymov@mail.ru>
Date: Sun May 19 22:18:04 2024 +0300

Merge branch 'master' of https://github.com/ilysha-228/Lab1-Stankin-ADB2107

commit 5bac79658960e5095776c35e661be6c21b509b69
Author: ilysha-228 <ilya_kudymov@mail.ru>
Date: Sun May 19 22:14:23 2024 +0300

first commit

commit c40837c816026dc60692c068714e33d26651d48c
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 11:11:07 2024 +0300

Update README.md

commit 89dcc5e208719ba0d107505a5fed88ac0b65248b
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 09:33:26 2024 +0300

Rename mb truth lab to mb truth lab.txt

commit b726188b7054191c2f2359634e529aab270dea94
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 09:33:05 2024 +0300

Create mb truth lab

commit 0d26eda28f88767547c26e11f7b1969cfc719243
Author: Лепа Язагит <128056452+ilysha-228@users.noreply.github.com>
Date: Tue Apr 9 09:22:54 2024 +0300

README.md

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git branch
  master
* second

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git push origin second
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 296 bytes | 296.00 KiB/s, done.
Total 3 (delta 1), reused 0 (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 'second' on GitHub by visiting:
remote:   https://github.com/ilysha-228/Lab1-Stankin-ADB2107/pull/new/second
remote:
To https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git
 * [new branch]      second -> second

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$
```

Рис. 8. Отправка нового коммита на новую ветку second

```
MINGW64:/c/Users/HELLSING/git
Writing objects: 100% (3/3), 296 bytes | 296.00 KiB/s, done.
Total 3 (delta 1), reused 0 (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 'second' on GitHub by visiting:
remote:   https://github.com/ilysha-228/Lab1-Stankin-ADB2107/pull/new/second
remote:
To https://github.com/ilysha-228/Lab1-Stankin-ADB2107.git
 * [new branch]      second -> second

HELLSING@HELLSING-PC MINGW64 ~/.git (second)
$ git checkout master
Switched to branch 'master'

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git merge second
Updating 1952303..705d034
Fast-forward
 Kudymov.txt | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 Kudymov.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git branch -d second
Deleted branch second (was 705d034).

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git branch newdev

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git checkout newdev
Switched to branch 'newdev'

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git status
On branch newdev
Untracked files:
  (use "git add <file>..." to include in what will be committed)
      otches.txt

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

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git add otches.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git commit -m "three commit"
[newdev d5a20be] three commit
 1 file changed, 1 insertion(+)
 create mode 100644 otches.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git status
On branch newdev
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ |
```

Рис. 9. Слияние веток, удаление second, создание новой ветки и отправка нового коммита на сервер в ветку newdev

```
MINGW64:/c/Users/HELLSING/.git
HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git status
On branch newdev
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:   otches.txt

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

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git add otches.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git commit -m "three commit"
[newdev 28a7522] three commit
 1 file changed, 1 insertion(+), 1 deletion(-)

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git status
On branch newdev
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git checkout master
Switched to branch 'master'

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git status
On branch master
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:   otches.txt

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

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git add otches.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git commit -m "three commit"
[master 03dfa3f] three commit
 1 file changed, 1 insertion(+), 1 deletion(-)

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git status
On branch master
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git merge newdev
Auto-merging otches.txt
CONFLICT (content): Merge conflict in otches.txt
Automatic merge failed; fix conflicts and then commit the result.

HELLSING@HELLSING-PC MINGW64 ~/.git (master|MERGING)
$ |
```

Рис.10 Работа с файлом в ветке newdev


```
MINGW64:/c/Users/HELLSING/git
[newdev 28a7522] three commit
1 file changed, 1 insertion(+), 1 deletion(-)

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git status
On branch newdev
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (newdev)
$ git checkout master
Switched to branch 'master'

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git status
On branch master
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:   otches.txt

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

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git add otches.txt

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git commit -m "three commit"
[master 03dfa3f] three commit
1 file changed, 1 insertion(+), 1 deletion(-)

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git status
On branch master
nothing to commit, working tree clean

HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git merge newdev
Auto-merging otches.txt
CONFLICT (content): Merge conflict in otches.txt
Automatic merge failed; fix conflicts and then commit the result.

HELLSING@HELLSING-PC MINGW64 ~/.git (master|MERGING)
$ git diff
diff --cc otches.txt
index 33920bc,0b0f053..0000000
--- a/otches.txt
+++ b/otches.txt
@@@ -1,1 -1,1 +1,5 @@@
- Илья Геннадьевичччч
-Илья Геннадь
++<<<<<<< HEAD
++Илья Геннадьевичччч
++=====
++Илья Геннадь
++>>>>>>> newdev

HELLSING@HELLSING-PC MINGW64 ~/.git (master|MERGING)
$ |
```

Рис. 11. Попытка слияния веток с разными файлами


```
MINGW64:/c/Users/HELLSING/.git/clone
HELLSING@HELLSING-PC MINGW64 ~ (master)
$ cd .git
HELLSING@HELLSING-PC MINGW64 ~/.git ((dcc6143...))
$ git status
HEAD detached from 705d034
nothing to commit, working tree clean
HELLSING@HELLSING-PC MINGW64 ~/.git ((dcc6143...))
$ git branch
* (HEAD detached from 705d034)
  master
HELLSING@HELLSING-PC MINGW64 ~/.git ((dcc6143...))
$ git checkout master
Warning: you are leaving 2 commits behind, not connected to
any of your branches:

  dcc6143 Merge branch 'master' of https://github.com/ilysha-228/Lab1-Stankin-ADB2107 into HEAD
  1381c03 hz commit

If you want to keep them by creating a new branch, this may be a good time
to do so with:

  git branch <new-branch-name> dcc6143

Switched to branch 'master'
HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ git branch
* master
HELLSING@HELLSING-PC MINGW64 ~/.git (master)
$ cd clone
HELLSING@HELLSING-PC MINGW64 ~/.git/clone (master)
$ git clone https://github.com/ilysha-228/laboratornaia1.git
Cloning into 'laboratornaia1'...
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (10/10), done.
remote: Total 18 (delta 1), reused 18 (delta 1), pack-reused 0
Receiving objects: 100% (18/18), done.
Resolving deltas: 100% (1/1), done.
HELLSING@HELLSING-PC MINGW64 ~/.git/clone (master)
$ |
```

Рис.12 Подключение к чужому репозиторию и отправка туда своего файла