# Министерство образования Республики Беларусь Учреждение образования «Белорусский государственный университет информатики и радиоэлектроники»

# Факультет компьютерных систем и сетей Кафедра Информатики Дисциплина «Избранные главы информатики»

#### ОТЧЕТ

к лабораторной работе №1 БГУИР 6-05-0612-02 22

Выполнил студент группы 353501	
СТАНКЕВИЧ Александр Николаевич	I

(дата, подпись студента)

Проверил доцент каф. Информатики ЖВАКИНА Анна Васильевна

(дата, подпись преподавателя)

# 1 ИНДИВИДУАЛЬНОЕ ЗАДАНИЕ

Задание 1. Вариант 2. Познакомиться с возможностями и получить практические навыки работы с системой контроля версий Git.

#### 2 ВЫПОЛНЕНИЕ РАБОТЫ

В первую очередь создаем основные папки:

```
MINGW64:/c/IGI/353501_STANKEVICH_25
nikmi@LAPTOP-L5A2CS6R MINGW64 ~ (master)
$ cd /c/IGI
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI
$ mkdir 353501_STANKEVICH_25
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI
$ cd 353501_STANKEVICH_25
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25
$ mkdir IGI STRWEB
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI
$ mkdir LR1 LR2 LR3 LR4 LR5
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI
$ cd ..
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25
$ cd STRWEB
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/STRWEB
$ mkdir LR1 LR2 LR3 LR4
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/STRWEB
$ cd ..
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25
```

#### Проверяем наше местонахождения

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI
$ cd 353501_STANKEVICH_25
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25
c/IGI/353501_STANKEVICH_25
```

Рисунок 1 – Создание отдельного файла

```
nikmi@LAPTOP-L5A2CS6R MINGW64 ~ (master)

s cd /c/IGI

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI

spwd
/c/IGI

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI

s cd 353501_STANKEVICH_25

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25

spwd
/c/IGI/353501_STANKEVICH_25

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25

scd IGI

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25

spwd
/c/IGI/353501_STANKEVICH_25/IGI
```

Рисунок 2 – переходим в наши папки

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1

$ pwd
/c/IGI/353501_STANKEVICH_25/IGI/LR1

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1

$ git clone https://github.com/smartiqaorg/geometric_lib.git
Cloning into 'geometric_lib'...
remote: Enumerating objects: 35, done.
remote: Total 35 (delta 0), reused 0 (delta 0), pack-reused 35 (from 1)
Receiving objects: 100% (35/35), 4.60 KiB | 294.00 KiB/s, done.
Resolving deltas: 100% (6/6), done.
```

Рисунок 3 – клонируем проект с github, geometric\_lib

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1
$ cd geometric_lib

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git add circle.py
```

Рисунок 4 – делаем индексацию git add для файлов

Рисунок 5 – изменили файлы

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
$ nano circle.py

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
$ git status
On branch main
Your branch is up to date with 'origin/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: circle.py

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

Рисунок 6 – статус после изменения файла

Рисунок 7 – изменение Square файла

Рисунок 8 – статус после изменения двух файлов

```
$ git status
On branch main
Your branch is up to date with 'origin/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)
                      circle.py
square.py
         modified: modified:
no changes added to commit (use "git add" and/or "git commit -a")
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git commit -m "Изменение в circle.py"
On branch main
Your branch is up to date with 'origin/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)
                       circle.py
square.py
         modified:
modified:
no changes added to commit (use "git add" and/or "git commit -a")
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git log
commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (HEAD -> main, origin/main, orig
in/HEAD)
Author: smartiqa <info@smartiqa.ru>
         Thu Mar 4 14:55:29 2021 +0300
Date:
    L-03: Docs added
commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiga <info@smartiga.ru>
         Thu Mar 4 14:54:08 2021 +0300
Date:
    L-03: Circle and square added
```

Рисунок 9 – коммитим и смотрим логи

```
nikmi@LAPTOP-L5A2C56R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/qeometric_lib (main)
$ git add .
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (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)
         modified: circle.py
modified: square.py
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
$ git commit -m "Изменение в circle.py и square.py"
[main 510b641] Изменение в circle.py и square.py
2 files changed, 2 insertions(+), 2 deletions(-)
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (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
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
$ git log
commit 510b641d405d8b846b9ea525944534a501c8dc48 (HEAD -> main)
Author: Stankevich Aleksandr <stankevich.alekss@gmail.com>
Date: Fri Feb 21 11:41:19 2025 +0300
     Изменение в circle.py и square.py
commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiqa <info@smartiqa.ru>
         Thu Mar 4 14:55:29 2021 +0300
Date:
     L-03: Docs added
commit 8ba9aeb3cea847b63a91ac378a2a6db758682460
Author: smartiqa <info@smartiqa.ru>
         Thu Mar 4 14:54:08 2021 +0300
Date:
    L-03: Circle and square added
```

Рисунок 10 - выполните коммиты к проиндексированным файлам

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (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
```

Рисунок 11 – статус показал, что появился коммит

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git add newfile.txt
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ rm newfile.txt
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ rm *.txt
rm: cannot remove '*.txt': No such file or directory
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
$ git status
On branch main
Your branch is ahead of 'origin/main' by 1 commit.
(use "git push" to publish your local commits)
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
         new file: newfile.txt
Changes not staged for commit:
(use "git add/rm <file>..." to update what will be committed)
(use "git restore <file>..." to discard changes in working directory)
         deleted:
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
(main)
```

Рисунок 12 – добавили и удалили файлы

Рисунок 13 – переименовали файлы

Создаем ветки для каждого IGI и STRWEB LR

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR1)
$ git mv 353501_STANKEVICH_25/IGI/LR1 .
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR1)
$ git branch
 ĪGI
 IGI_LR1
 IGI_LR2
 IGI_LR3
 IGI_LR4
IGI_LR5
  STRWEB
 STRWEB_LR1
 STRWEB_LR2
 STRWEB_LR3
  STRWEB_LR4
 branch1
 main
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR1)
$ 1s
353501_STANKEVICH_25/ LR1/
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR1)
$ 1s LR1
geometric_lib/ indiv/
```

# Переносим файлы из LR1 в ветку IGI\_LR1 И так с каждой

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main)
$ git branch
 IGI
 IGI_LR1
 IGI LR2
 IGI_LR3
 IGI_LR4
 IGI_LR5
 STRWEB
 STRWEB_LR1
 STRWEB_LR2
 STRWEB_LR3
 STRWEB_LR4
 branch1
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main)
$ git checkout IGI_LR2
Switched to branch 'IGI_LR2'
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR2)
$ git mv 353501_STANKEVICH_25/IGI/LR2 .
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR2)
$ 1s
353501_STANKEVICH_25/ LR2/
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR2)
$ 1s LR1
ls: cannot access 'LR1': No such file or directory
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (IGI_LR2)
$ 1s LR2
Check.txt
```

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
  git branch IGI
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
  git branch STRWEB
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (main)
  git checkout IGI
D circle.py
A new_circle.py
Switched to branch 'IGI'
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (IGI)
$ git add
Nothing specified, nothing added.
hint: Maybe you wanted to say 'git add .'?
hint: Disable this message with "git config set advice.addEmptyPathspec false"
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (IGI)
$ git add .
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (IGI)
$ git commit -m "перемещение LR1 в ветку IGI"
 [IGI b8a0704] перемещение LR1 в ветку IGI
 1 file changed, 0 insertions(+), 0 deletions(-) rename circle.py => new_circle.py (100%)
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (IGI)
$ git checkout STRWEB
Switched to branch 'STRWEB'
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
  git add .
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ git commit -m "перемещение LR1 в ветку STRWEB"
On branch STRWEB
nothing to commit, working tree clean
```

Рисунок 14 – создали отдельные ветки

git branch -d <имя\_ветки> для безопасного удаления ветки, -D для небезопасного git branch (-a/-r) для просмотра всех веток

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib
commit 510b641d405d8b846b9ea525944534a501c8dc48 (HEAD -> STRWEB, main)
Author: Stankevich Aleksandr <stankevich.alekss@gmail.com>
Date: Fri Feb 21 11:41:19 2025 +0300
         Изменение в circle.py и square.py
diff --git a/circle.py b/circle.py
index c3eb864..1e1ded5 100644
--- a/circle.py
+++ b/circle.py
@@ -1,4 +1,4 @@
   import math #CHANGES OF FILE
def area(r):
diff --git a/square.py b/square.py
index 0f98724..97c868c 100644
--- a/square.py
+++ b/square.py
-#changes of square file

:...skipping...

commit 510b641d405d8b846b9ea525944534a501c8dc48 (HEAD -> STRWEB, main)

Author: Stankevich Aleksandr <stankevich.alekss@gmail.com>

Date: Fri Feb 21 11:41:19 2025 +0300
         Изменение в circle.py и square.py
diff --git a/circle.py b/circle.py
index c3eb864..1e1ded5 100644
--- a/circle.py
+++ b/circle.py
def area(r):
diff --git a/square.py b/square.py
index 0f98724..97c868c 100644
--- a/square.py
+++ b/square.py
   #changes of square file def area(a):
           return a * a
commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)
Author: smartiqa <info@smartiqa.ru>
Date: Thu Mar 4 14:55:29 2021 +0300
```

Рисунок – разница в изменениях для каждого коммита git log -р

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ echo '25' > test.txt

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ git add test.txt

warning: in the working copy of 'test.txt', LF will be replaced by CRLF the next time Git touches it

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ git commit -m "добавлен text.txt"

[STRWEB a4b350c] добавлен text.txt"

I file changed, 1 insertion(+)

create mode 100644 test.txt

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ git reset --soft HEAD~1

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/IGI/LR1/geometric_lib (STRWEB)
$ git log

commit 510b641d405d8b846b9ea525944534a501c8dc48 (HEAD -> STRWEB, main)

Author: Stankevich Aleksandr <stankevich.alekss@gmail.com>

Date: Fri Feb 21 11:41:19 2025 +0300

Изменение в circle.py и square.py

commit d078c8d9ee6155f3cb0e577d28d337b791de28e2 (origin/main, origin/HEAD)

Author: smartiqa <info@smartiqa.ru>
Date: Thu Mar 4 14:55:29 2021 +0300

L-03: Docs added

commit 8ba9aeb3cea847b63a91ac378a2a6db758682460

Author: smartiqa <info@smartiqa.ru>
Date: Thu Mar 4 14:54:08 2021 +0300

L-03: Circle and square added
```

## Рисунок - Создали файл, затем коммит и удалили коммит

## Рисунок – добавили и убрали индексирование

Рисунок – Создали новые изменения и вернули в исходное положение

Все задания в локальном репозитории были выполнены Для вида каждой папки мы добавим файл Check.txt, чтобы каждая папка отображалась в удаленном репозитории echo "Это файл Check.txt" > Check.txt

# ЗАДАНИЯ В УДАЛЕННОМ РЕПОЗИТОРИИ:

Посмотрим информацию об удаленном репозитории:

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main)
$ git remote -v
origin https://github.com/ZerrTheMan/IGIforRepository.git (fetch)
origin https://github.com/ZerrTheMan/IGIforRepository.git (push)
```

Для отправления изменений на удаленный репозиторий:

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main) $ git push origin main Everything up-to-date
```

Или просто git push для отправления всех изменений

d) Для переименовывания репозитория открываем настройки на github

Repository name	General	
	Repository name	
IGIforRepository Rename	IGIforRepository	Rename

А затем изменяем ссылку в локальном репозитории: git remote set-url origin <a href="https://github.com/ваш\_username/my-renamed-repo.git">https://github.com/ваш\_username/my-renamed-repo.git</a> И на всякий случай проверяем git remote -v

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main)
$ git fetch origin

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25 (main)
$ git pull origin main

From https://github.com/ZerrTheMan/IGIforRepository

* branch main -> FETCH_HEAD

Already up to date.
```

Получили данные из удаленного репозитория и затем синхронизировали ветки

f) Для просмотра истории использовали git log Или для поиска определенных данных git log --since="2023-01-01" Или git log -n 2 (Для последних двух коммитов) git rm ...

git push -u origin branch git commit -m "" git rm -r git mv stariy.txt novii.txt echo "Отчёт по ЛР1" > report.txt mkdir task1 task2 touch report.txt

g) Переместили 2 файла с ветки main в branch

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)

$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)

$ git checkout branch1

Switched to branch 'branch1'

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (branch1)

$ git checkout main -- file001.txt file002.txt
```

Для удаления ветки с удаленного репозитория git push origin --delete <имя\_ветки>

Удалили один файл с ветки

Потом просто запушили git push -u origin branch1

h) git branch -d  $\Leftrightarrow$  git branch -r для просмотра всех веток

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (branch2)
$ git commit -m "В бранч2 перемещены файл 3 и 4"
$ git Committ -m — В оранчи перемещены файл 3 и 4
[branch2 5961878] В бранчи перемещены файл 3 и 4
2 files changed, 0 insertions(+), 0 deletions(-)
create mode 100644 353501_STANKEVICH_25/IGI/file3.txt
create mode 100644 353501_STANKEVICH_25/IGI/file4.txt
 nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (branch2)
$ git checkout main
Switched to branch 'main'
 Your branch is up to date with 'origin/main'.
 nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)
  git branch -a
   IGI
   IGI_LR1
   IGI_LR2
   IGI_LR3
   IGI_LR4
IGI_LR5
   STRWEB
   STRWEB_LR1
   STRWEB_LR2
   STRWEB_LR3
   STRWEB_LR4
   branch1
   branch2
   remotes/origin/HEAD -> origin/main
remotes/origin/branch1
remotes/origin/main
 nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)
$ git merge branch2

Merge made by the 'ort' strategy.

353501_STANKEVICH_25/IGI/file1.txt.txt |

353501_STANKEVICH_25/IGI/file2.txt.txt |

353501_STANKEVICH_25/IGI/file3.txt |

353501_STANKEVICH_25/IGI/file4.txt |
                                                                          0
                                                                          0
 4 files changed, 0 insertions(+), 0 deletions(-) create mode 100644 353501_STANKEVICH_25/IGI/file1.txt.txt create mode 100644 353501_STANKEVICH_25/IGI/file2.txt.txt create mode 100644 353501_STANKEVICH_25/IGI/file3.txt create mode 100644 353501_STANKEVICH_25/IGI/file4.txt
 nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)
$ git branch -d branch 2
error: branch 'branch' not found
error: branch '2' not found
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI (main)
$ git branch -d branch2
Deleted branch branch2 (was 5961878).
```

Замерджили 2 ветки и удалили branch2

## Индивидуальное задание:

#### Создаем папки в файле indiv:

```
nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI/LR1/indiv (main)

$ mkdir -p bar/676/less/676

nikmi@LAPTOP-L5A2CS6R MINGW64 /c/IGI/353501_STANKEVICH_25/353501_STANKEVICH_25/IGI/LR1/indiv (main)

$ mkdir -p bin/766/baz/777
```

### Коммитим все изменения:

```
Initial APPTOP-LSAZCSER MINOM64 /c/IGI/353501_STANKEVICH_25 (main)

5 git status

On branch sup to date with 'origin/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)

(commit or discard the untracked or modified content in submodules)

modified: 335301_STANKEVICH_25/IGI/LRI/Generic_lib

Untracked files:

(use "git add <file-..." to include in what will be committed)

335501_STANKEVICH_25/IGI/LRI/indiv/

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

niterial APPTOP_LSAZCSER MINOM64 /c/IGI/353501_STANKEVICH_25 (main)

5 git add,

warring: in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring: in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring: in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt', LF will be replaced by CRLF the next time Git touches it warring in the working copy of '335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt'

Changes to be committed:

(use "git restore -staged cfile-..." to unstage)

new file: 335301_STANKEVICH_25/IGI/LRI/indiv/foo/777/test.txt

Changes not staged for commit:

(use "git restore -citaged cfile-..." to discard changes in working directory)

(use "git restore -cfile-..." to discard changes in working directory)

(use "git restore -cfile-..." to discard changes in working directory)

(use "git restore -cfile-...
```

Рисунок – запушили все в удаленный репозиторий

Все папки согласно индивидуальному заданию:



вывод

В ходе лабораторной работы получили навыки проектирования git проектов и научились важным командам для работы.