

Учреждение образования

«БЕЛОРУССКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНОЛОГИЧЕСКИЙ УНИВЕРСИТЕТ»

Отчёт по дисциплине:
«Введение в разработку программного обеспечения»

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ФИТ 1 курс 2 группа

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```
cozvi@MINGW64 ~
$ git version
git version 2.52.0.windows.1

cozvi@MINGW64 ~
$ |
```

5 Git help -a

команда показывает полный список всех доступных команд Git.

6 Создание рабочей директории

инициализация репозитория

ввод настроек пользователя

создание первого файла

добавление файла в индекс

создание первого коммита

```
cozvi@MINGW64 ~
$ git config --global user.name "Eugene"

cozvi@MINGW64 ~
$ git config --global user.email "sozanovevgenij8@gmail.com"

cozvi@MINGW64 ~
$ git config --list
diff.astextplain.textconv=astextplain
filter.lfs.clean=git-lfs clean -- %F
filter.lfs.smudge=git-lfs smudge -- %F
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
http.sslbackend=schannel
core.autocrlf=true
core.fscache=true
core.symlinks=false
pull.rebase=false
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
user.name=Eugene
user.email=sozanovevgenij8@gmail.com
```

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```
cozvi@MINGW64 ~
$ mkdir git-lab-work

cozvi@MINGW64 ~
$ cd git-lab-work

cozvi@MINGW64 ~/git-lab-work
$ git init
Initialized empty Git repository in C:/Users/cozvi/git-lab-work/.git/
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```

Исследование изменений

```
cozvi@MINGW64 ~/git-lab-work (master)
$ ls -la
total 16
drwxr-xr-x 1 cozvi 197609 0 Dec  2 17:52 .
drwxr-xr-x 1 cozvi 197609 0 Dec  2 17:52 ..
drwxr-xr-x 1 cozvi 197609 0 Dec  2 17:52 .git/
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ git status
On branch master

No commits yet

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

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

```
cozvi@MINGW64 ~/git-lab-work (master)
$ git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   Hello.txt
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ git commit -m "добавлено"
[master (root-commit) d54e68b] добавлено
 1 file changed, 0 insertions(+), 0 deletions(-)
 create mode 100644 Hello.txt
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ git log
commit d54e68b4e37c06fb05f1aa8cefaf9bd59a2de147 (HEAD -> master)
Author: Eugene <sozanovevgenij8@gmail.com>
Date:   Tue Dec 2 18:09:11 2025 +0300

    добавлено
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ echo "строка" >> Hello.txt

cozvi@MINGW64 ~/git-lab-work (master)
$ echo "new" > NewFile.txt

cozvi@MINGW64 ~/git-lab-work (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:   Hello.txt

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

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

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ echo "#ignorefile" > .gitignore

cozvi@MINGW64 ~/git-lab-work (master)
$ echo "*log" >> .gitignore

cozvi@MINGW64 ~/git-lab-work (master)
$ echo "temp/" >> .gitignore

cozvi@MINGW64 ~/git-lab-work (master)
$

cozvi@MINGW64 ~/git-lab-work (master)
$ echo "node_modules/" >> .gitignore

cozvi@MINGW64 ~/git-lab-work (master)
$ echo ".env" >> .gitignore

cozvi@MINGW64 ~/git-lab-work (master)
$ git add .gitignore
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it

cozvi@MINGW64 ~/git-lab-work (master)
$ git commit -m "addfile"
[master 32ec3f2] addfile
 1 file changed, 4 insertions(+)
 create mode 100644 .gitignore
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ git branch newbranch

cozvi@MINGW64 ~/git-lab-work (master)
$ git checkout newbranch
M      Hello.txt
Switched to branch 'newbranch'

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ echo "<html><body>newbranch page</body></html>" > newbranch.html

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git add newbranch.html
warning: in the working copy of 'newbranch.html', LF will be replaced by CRLF the next time Git touches it

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git commit -m "add newbranch.html"
[newbranch 128e6b7] add newbranch.html
 1 file changed, 1 insertion(+)
 create mode 100644 newbranch.html

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git branch a
```

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```
cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git checkout master
M      Hello.txt
Switched to branch 'master'

cozvi@MINGW64 ~/git-lab-work (master)
$ git merge newbranch -m " слияние"
Updating 32ec3f2..128e6b7
Fast-forward (no commit created; -m option ignored)
 newbranch.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 newbranch.html
```

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```
cozvi@MINGW64 ~/git-lab-work (master)
$ echo "<html><body>newbranch page</body></html>" > newbranch.html
<html><body>newbranch page</body></html>

cozvi@MINGW64 ~/git-lab-work (master)
$ git add newbranch.html

cozvi@MINGW64 ~/git-lab-work (master)
$ git checkout newbranch
git: 'checkout' is not a git command. See 'git --help'.

The most similar command is
  checkout

cozvi@MINGW64 ~/git-lab-work (master)
$ git checkout newbranch
M      Hello.txt
Switched to branch 'newbranch'

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ echo "<html><body>newbranch page</body></html>" > newbranch.html
<html><body>newbranch page</body></html>

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git add newbranch.html

cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git merge master
Already up to date.
```

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```
cozvi@MINGW64 ~/git-lab-work (newbranch)
$ git log --oneline --graph --all
* 128e6b7 (HEAD -> newbranch, master, a) add newbranch.html
* 32ec3f2 addfile
* d54e68b добавлено
```

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