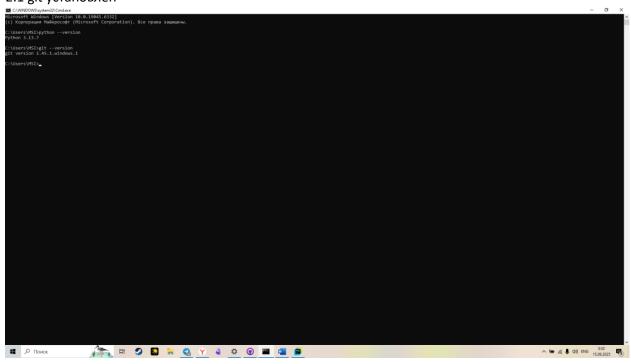
2.1 git установлен



2.2Настройка git

№ Поиск

C:\WINDOWS\system32\Cmd.exe > Microsoft Windows [Version 10.0.19045.6332] (с) Корпорация Майкрософт (Microsoft Corporation). Все права защищены. C:\Users\MSI>python --version Python 3.13.7 C:\Users\MSI>git --version git version 2.45.1.windows.1 C:\Users\MSI>git config --global user.name "daniil" C:\Users\MSI>git config --global user.email "undestoodsmallfrog86@gamil.com" C:\Users\MSI>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=openssl http.sslcainfo=C:/Program Files/Git/mingw64/etc/ssl/certs/ca-bundle.crt 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 init.deraultbranch=master
user.name=daniil
user.email=undestoodsmallfrog86@gamil.com
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 core.repositoryformatversion=0 core.filemode=false core.bare=false core.logallrefupdates=true core.symlinks=false core.ignorecase=true core.ignorecase=tur= remote.origin.url=https://github.com/understoodsmallfrog86-bit/Program-Engenering.git remote.origin.fetch=+refs/heads/*:refs/remotes/origin/* branch.main.remote=origin branch.main.merge=refs/heads/main C:\Users\MSI>

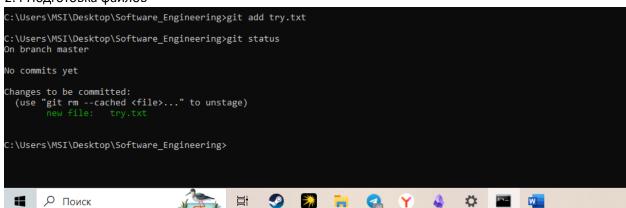
- 0

(F) 🔤 🚾

2.3Создание репозитория

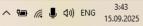


2.4 Подготовка файлов



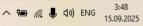
2.5 Фиксация изменений

```
C:\WINDOWS\system32\Cmd.exe
                                                                                                                                                                                                                                                                                                                                                                                                                     ×
credential.helper=manager
credential.https://dev.azure.com.usehttppath=true
init.defaultbranch=master
 user.name=daniil
  user.email=undestoodsmallfrog86@gamil.com
distributes to the state of the
core.repositoryformatversion=0
core.filemode=false
core.bare=false
core.logallrefupdates=true
core.symlinks=false
  core.ignorecase=true
remote.origin.url=https://github.com/understoodsmallfrog86-bit/Program-Engenering.gitremote.origin.fetch=+refs/heads/*:refs/remotes/origin/*branch.main.remote=origin
 branch.main.merge=refs/heads/main
 C:\Users\MSI>cd C:\Users\MSI\Desktop\Software_Engineering
C:\Users\MSI\Desktop\Software_Engineering>git init
Initialized empty Git repository in C:/Users/MSI/Desktop/Software_Engineering/.git/
C:\Users\MSI\Desktop\Software_Engineering>git add try.txt
fatal: pathspec 'try.txt' did not match any files
 C:\Users\MSI\Desktop\Software_Engineering>git add try.txt
  C:\Users\MSI\Desktop\Software_Engineering>git status
 On branch master
  No commits yet
 Changes to be committed:
(use "git rm --cached <file>..." to unstage)
C:\Users\MSI\Desktop\Software_Engineering>git commit -m "ла-ла-ла"
[master (root-commit) 19d8d38] ┸┓┸┈┸┓┸┈┸┓┸┈
1 file changed, 0 insertions(+), 0 deletions(-)
create mode 100644 try.txt
 C:\Users\MSI\Desktop\Software_Engineering>git log
C:\Users\MSI\Desktop\Software_Engineering>git log
-> master)
Author: daniil <undestoodsmallfrog86@gamil.com>
Date: Mon Sep 15 03:41:58 2025 +0500
 C:\Users\MSI\Desktop\Software_Engineering>_
```



2.6 Подключение к удаленному репозиторию

```
C:\WINDOWS\system32\Cmd.exe
                                                                                                                                                                   ×
 C:\Users\MSI\Desktop\Software_Engineering>git log
Author: daniil <undestoodsmallfrog86@gamil.com>
Date: Mon Sep 15 03:41:58 2025 +0500
C:\Users\MSI\Desktop\Software_Engineering>git remote add https://github.com/understoodsmallfrog86-bit/Software_Engine
usage: git remote add [<options>] <name> <url>
     -f, --[no-]fetch
--[no-]tags
                                      fetch the remote branches import all tags and associated objects when fetching or do not fetch any tag at all (--no-tags)
      -t, --[no-]track <branch>
                                      branch(es) to track
     -m, --[no-]master <branch>
                                      master branch
      --[no-]mirror[=(push|fetch)]
                                      set up remote as a mirror to push to or fetch from
 :\Users\MSI\Desktop\Software_Engineering>git remote add origin https://github.com/understoodsmallfrog86-bit/Software
 Engineering
C:\Users\MSI\Desktop\Software_Engineering>git push origin main
error: src refspec main does not match any
C:\Users\MSI\Desktop\Software_Engineering>git remote add origin https://github.com/understoodsmallfrog86-bit/Software
_Engineering.git
error: remote origin already exists.
C:\Users\MSI\Desktop\Software_Engineering>git branch -M main
C:\Users\MSI\Desktop\Software Engineering>git push -u origin main
C:\Users\MSI\Desktop\Software_Engineering>git push -u origin main
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 218 bytes | 218.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/understoodsmallfrog86-bit/Software_Engineering
* [new branch] main -> main
branch 'main' set up to track 'origin/main'.
 C:\Users\MSI\Desktop\Software_Engineering>
C:\Users\MSI\Desktop\Software_Engineering>_
```



2.8

2.9Удаление файлов, веток в локальных, удаленных репозиториях

```
::\Users\MSI\Desktop\Software_Engineering>git push -delete tema1
error: did you mean `--delete` (with two dashes)?
```

2.10 Отслеживание изменений в комитах

```
C:\Users\MSI\Desktop\Software_Engineering>git log
commit 19d8d382c69ba2bd6e2eeacb4bda4fc727305b07 (HEAD -> tema1, origin/main, main)
Author: daniil <undestoodsmallfrog86@gamil.com>
Date: Mon Sep 15 03:41:58 2025 +0500
```

2.11 Возвращение файла к предыдущему (определенному) состоянию

```
:\Users\MSI\Desktop\Software_Engineering>git log
:ommit 19d8d382c69ba2bd6e2eeacb4bda4fc727305b07 (HEAD -> tema1, origin/main, main)
uthor: daniil <undestoodsmallfrog86@gamil.com>
Date: Mon Sep 15 03:41:58 2025 +0500

ла-ла-ла
:\Users\MSI\Desktop\Software_Engineering>git checkout
:\Users\MSI\Desktop\Software_Engineering>git checkout 19d8d382c69ba2bd6e2eeacb4bda4fc727305b07 --C:\Users\MSI\Desktop\Software_Engineering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\rusering\ruseri
```

2.12. Возвращение к предыдущему коммиту

2.13 Исправление коммита

```
:\Users\MSI\Desktop\Software_Engineering>git commit --amend
n branch tema1
nitial commit
o changes
bu asked to amend the most recent commit, but doing so would make
t empty. You can repeat your command with --allow-empty, or you can
emove the commit entirely with "git reset HEAD^".
:\Users\MSI\Desktop\Software_Engineering>_

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```

2.14. Разрешение конфликтов при слиянии

2.15 .gitihnore

