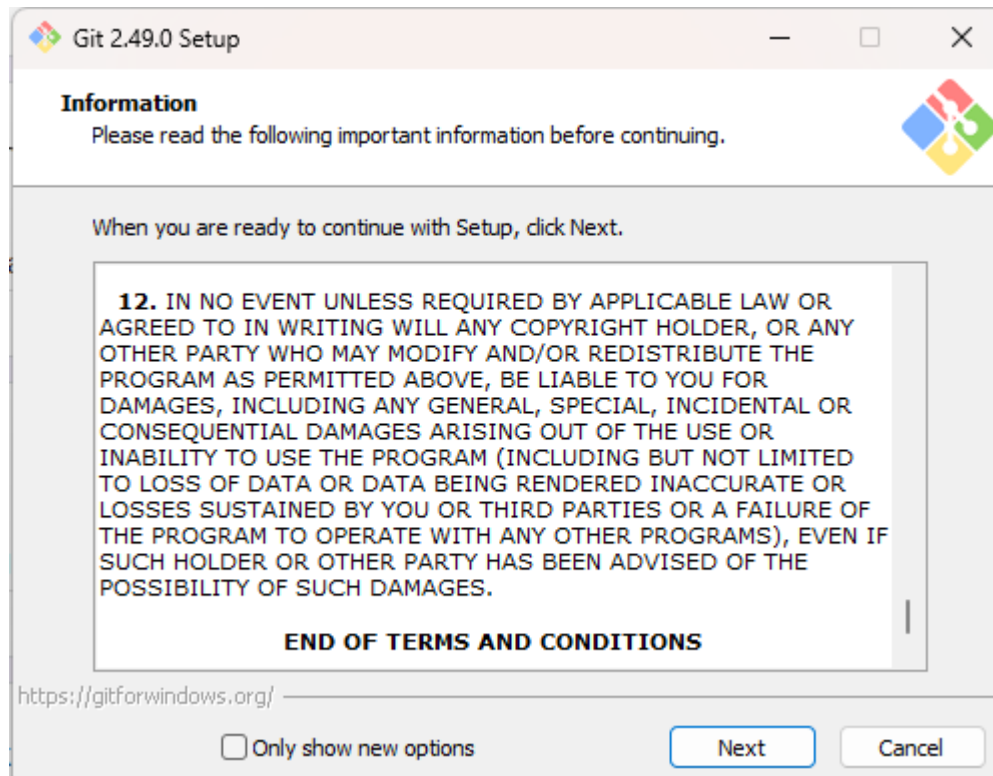
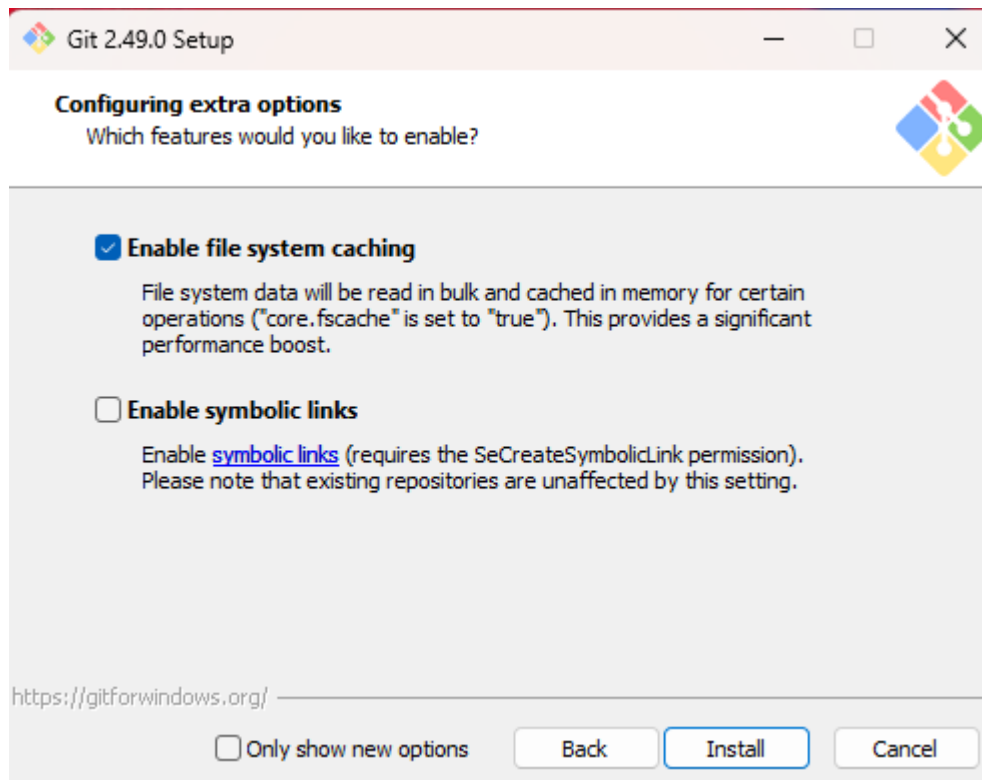


Nome: Fernando Rufino Barcelos
RA: 4231921474

01 - GQS - Git & GitHub

exercício 1





exercício 2

1)

```
C:\Users\barce>git --version  
git version 2.49.0.windows.1
```

2)

```
C:\Users\barce>git config --global user.name "Fernando Rufino Barcelos"  
C:\Users\barce>git config --global user.email "fernandosbarcelo27@gmail.com"  
C:\Users\barce>git config --global core.editor notepad
```

3)

```

C:\Users\barce>git config user.name
Fernando Rufino Barcelos

C:\Users\barce>git config user.email
fernandosbarcelo27@gmail.com

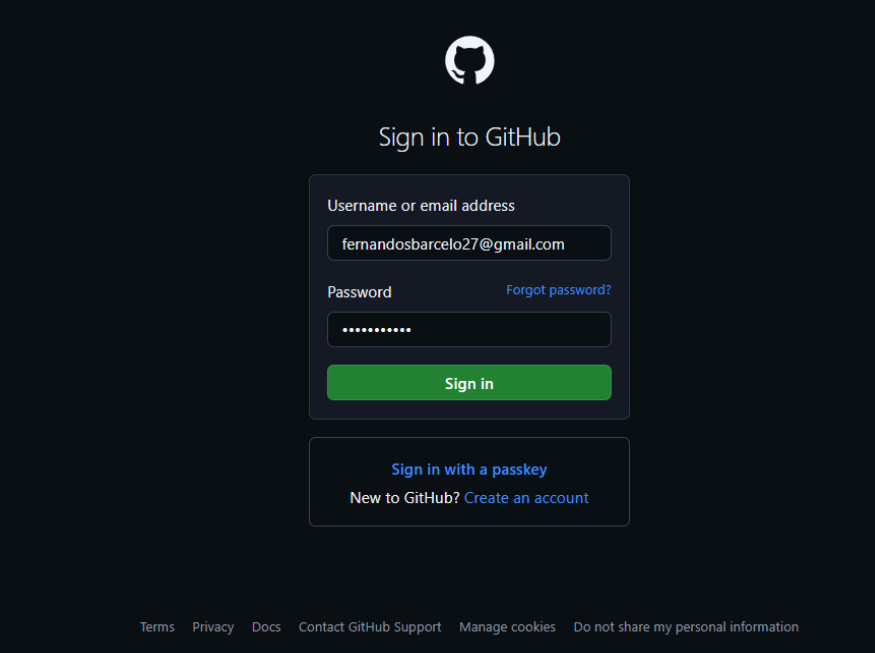
C:\Users\barce>git config core.editor
notepad

C:\Users\barce>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
filter.lfs.process=git-lfs filter-process
filter.lfs.required=true
filter.lfs.clean=git-lfs clean -- %f
filter.lfs.smudge=git-lfs smudge -- %f
user.name=Fernando Rufino Barcelos
user.email=fernandosbarcelo27@gmail.com
core.editor=notepad

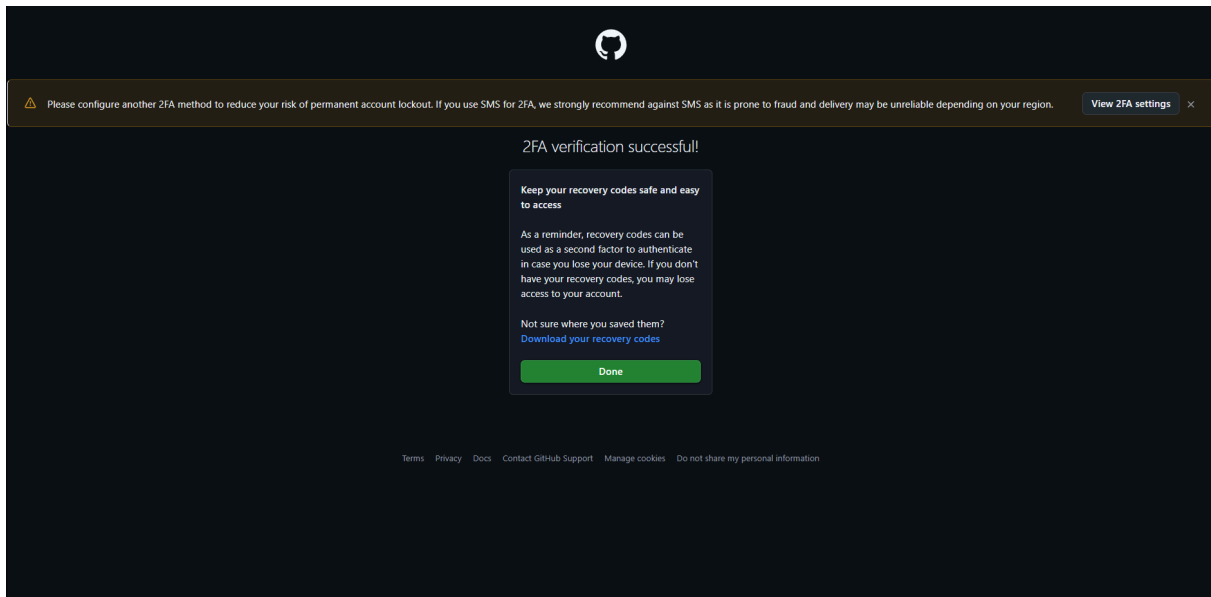
C:\Users\barce>

```

exercício 3



The image shows the GitHub sign-in page. At the top is the GitHub logo. Below it is the text "Sign in to GitHub". The main form has two input fields: "Username or email address" with the value "fernandosbarcelo27@gmail.com" and "Password" with masked characters. There is a "Forgot password?" link next to the password field. Below the inputs is a green "Sign in" button. At the bottom of the form is a "Sign in with a passkey" link and a "New to GitHub? Create an account" link. The footer contains links for "Terms", "Privacy", "Docs", "Contact GitHub Support", "Manage cookies", and "Do not share my personal information".



02 - GQS - Git & GitHub

exercício 1

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *



fernandorufinobarcelos

Repository name *

aula-git-github

aula-git-github is available.

Great repository names are short and memorable. Need inspiration? How about [expert-tribble](#) ?

Description (optional)



Public

Anyone on the internet can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

Initialize this repository with:



Add a README file

This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore


.gitignore template: **Java**

Choose which files not to track from a list of templates. [Learn more about ignoring files.](#)

Choose a license

License: **None**

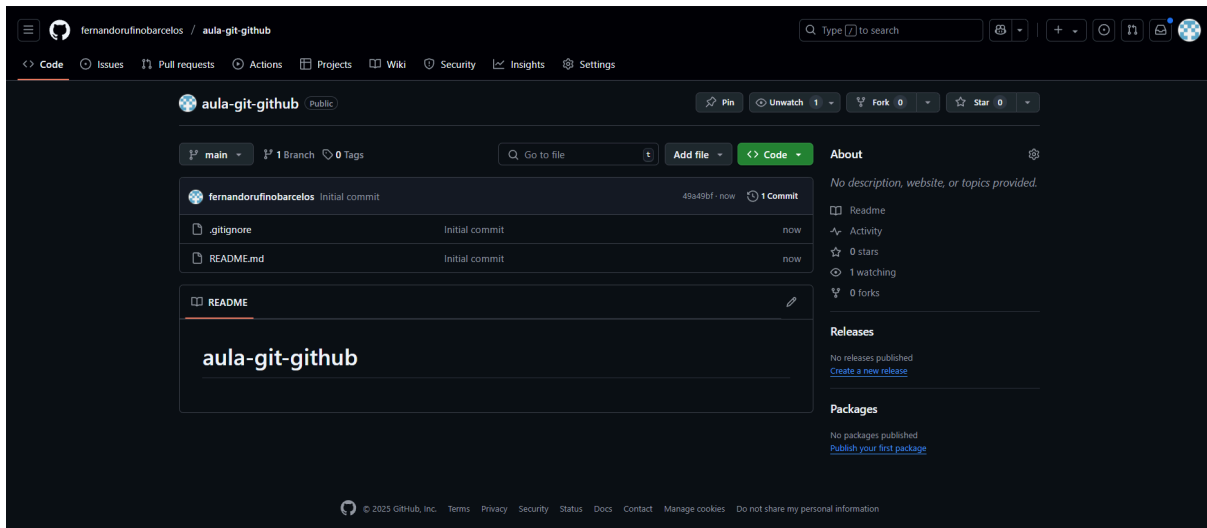
A license tells others what they can and can't do with your code. [Learn more about licenses.](#)

This will set  **main** as the default branch. Change the default name in your [settings](#).



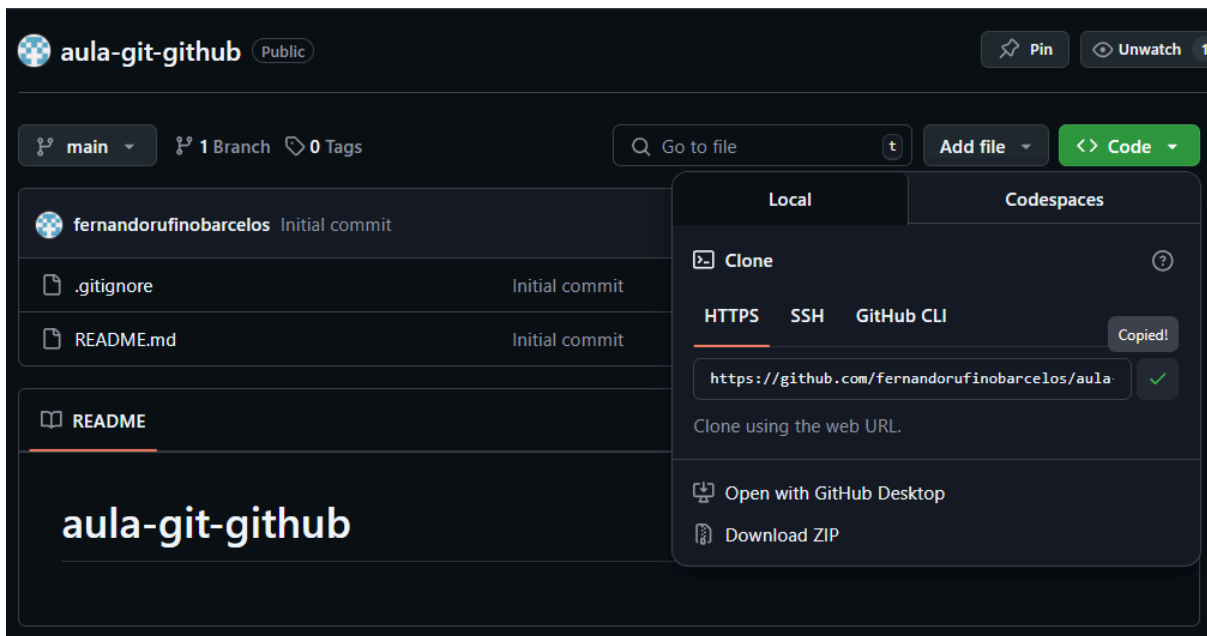
You are creating a public repository in your personal account.

Create repository



exercício 2

1)



2)

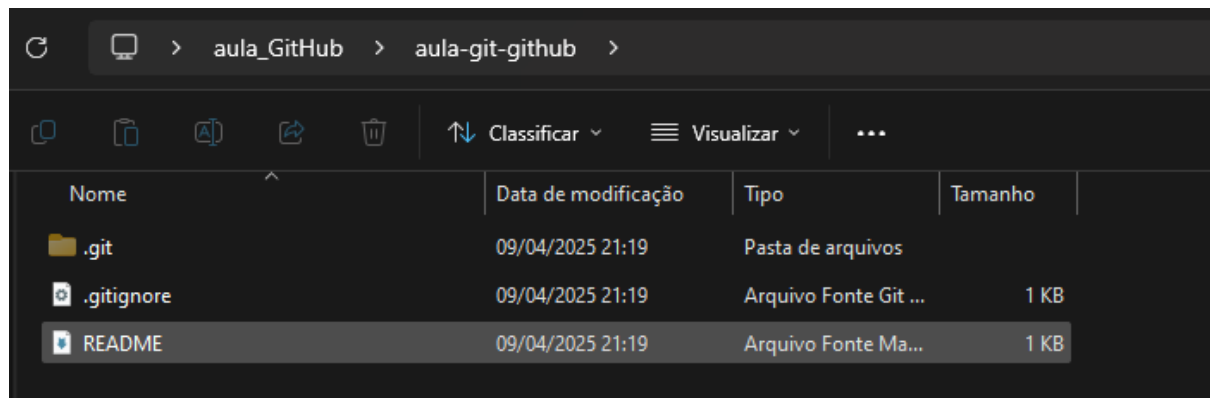
```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub>git clone https://github.com/fernandorufinobarcelos/aula-git-github
.git
Cloning into 'aula-git-github'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.
```

3)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub>cd aula-git-github

C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>|
```

4)



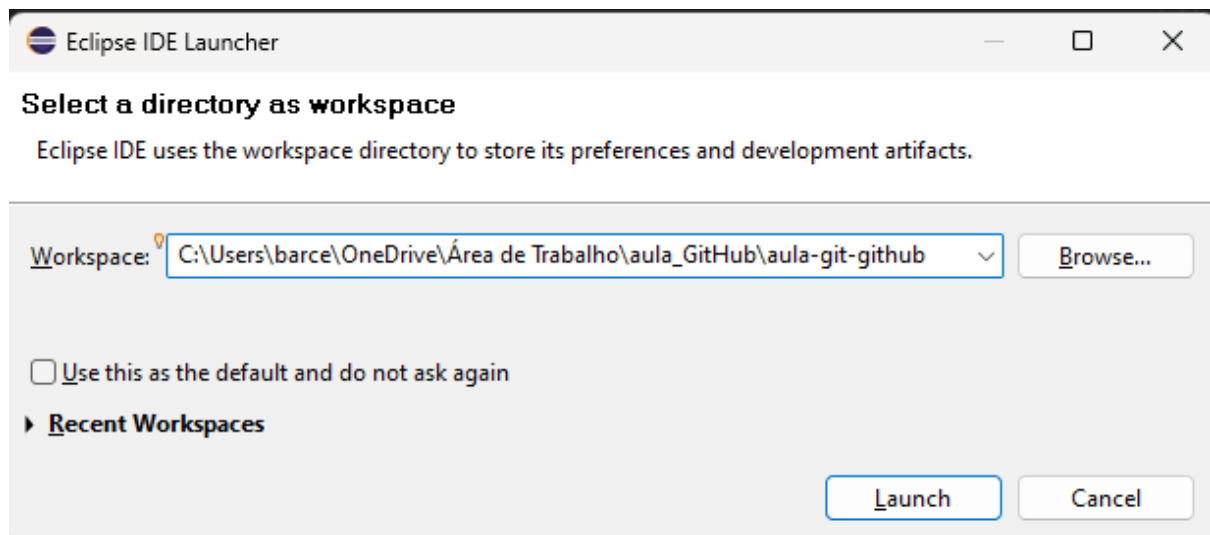
5)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

exercício 3

1)



2)

New Java Project

Create a Java Project

Create a Java project in the workspace or in an external location.

Project name:

teste

☒ Use default location

Location: C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github\teste

Browse...

JRE

☒ Use an execution environment JRE:

JavaSE-17

☐ Use a project specific JRE:

jre

☐ Use default JRE 'jre' and workspace compiler preferences

Configure JREs...

Project layout

☐ Use project folder as root for sources and class files

☒ Create separate folders for sources and class files

Configure default...

Working sets

☐ Add project to working sets

New...

Working sets:

Select...

Module

☐ Create module-info.java file

Module name:

☐ Generate comments

?


< Back

Next >

Finish

Cancel

3)

 New Java Class

Java Class
Create a new Java class.

Source folder:

Package:

☐ Enclosing type:

Name:

Modifiers: ☒ public ☐ package ☐ private ☐ protected
☐ abstract ☐ final ☐ static
☒ none ☐ sealed ☐ non-sealed ☐ final


Superclass:

Interfaces:

Which method stubs would you like to create?

☒ public static void main(String[] args)
☐ Constructors from superclass
☒ Inherited abstract methods

Do you want to add comments? (Configure templates and default value [here](#))
☐ Generate comments



4)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>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:   .gitignore

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

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

5)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git add .
warning: in the working copy of '.gitignore', LF will be replaced by CRLF the next time Git touches it
warning: in the working copy of 'teste/.gitignore', LF will be replaced by CRLF the next time Git touches it
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git add .
```

6)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>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:   .gitignore
new file:   teste/.classpath
new file:   teste/.gitignore
new file:   teste/.project
new file:   teste/.settings/org.eclipse.core.resources.prefs
new file:   teste/.settings/org.eclipse.jdt.core.prefs
new file:   teste/src/teste/Teste.java
```

7)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git commit -m "Primeiro commit do projeto: classe J
ava Teste vazia."
[main 2bd11de] Primeiro commit do projeto: classe Java Teste vazia.
7 files changed, 55 insertions(+)
create mode 100644 teste/.classpath
create mode 100644 teste/.gitignore
create mode 100644 teste/.project
create mode 100644 teste/.settings/org.eclipse.core.resources.prefs
create mode 100644 teste/.settings/org.eclipse.jdt.core.prefs
create mode 100644 teste/src/teste/Teste.java
```

8)

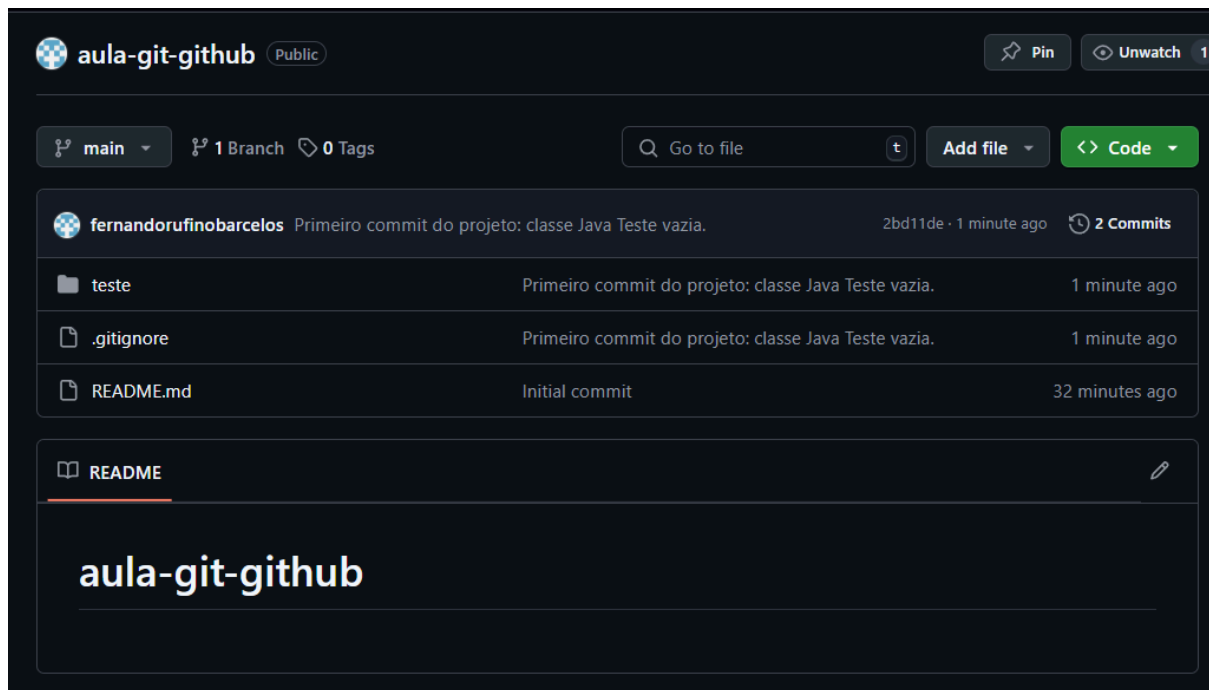
```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git push
Enumerating objects: 15, done.
Counting objects: 100% (15/15), done.
Delta compression using up to 4 threads
Compressing objects: 100% (10/10), done.
Writing objects: 100% (13/13), 1.58 KiB | 405.00 KiB/s, done.
Total 13 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To https://github.com/fernandorufinobarcelos/aula-git-github.git
49a49bf..2bd11de main -> main
```

9)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git status
On branch main
Your branch is up to date with 'origin/main'.

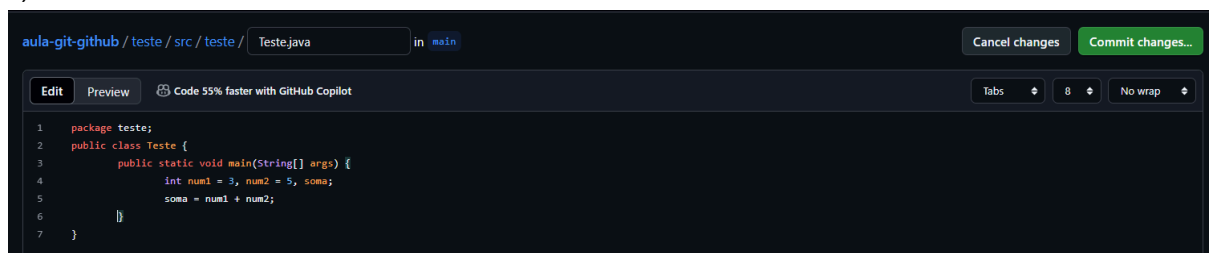
nothing to commit, working tree clean
```

10)

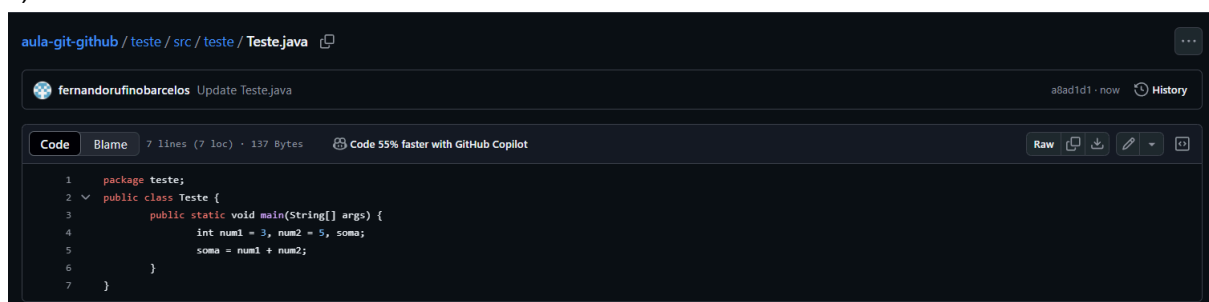


exercício 4

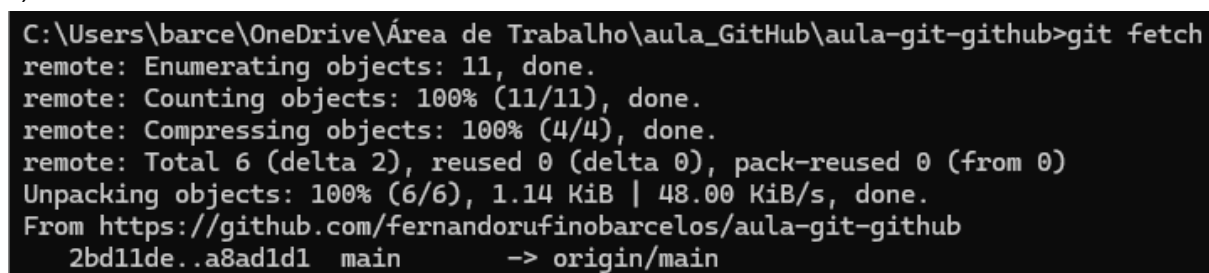
1)



2)



3)



4)

```
Teste.java X
1 package teste;
2
3 public class Teste {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7
8     }
9
10 }
11
```

5)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git status
On branch main
Your branch is behind 'origin/main' by 1 commit, and can be fast-forwarded.
(use "git pull" to update your local branch)

nothing to commit, working tree clean
```

6)

```
nothing to commit, working tree clean

C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git pull
Updating 2bd11de..a8ad1d1
Fast-forward
 teste/src/teste/Teste.java | 7 ++-----
 1 file changed, 2 insertions(+), 5 deletions(-)
```

7)

```
Teste.java X
1 package teste;
2 public class Teste {
3     public static void main(String[] args) {
4         int num1 = 3, num2 = 5, soma;
5         soma = num1 + num2;
6     }
7 }
8 |
```

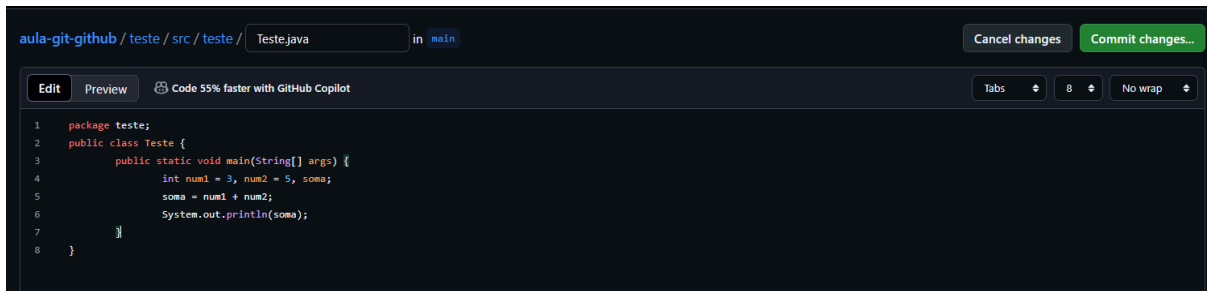
8)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

exercício 5

1)

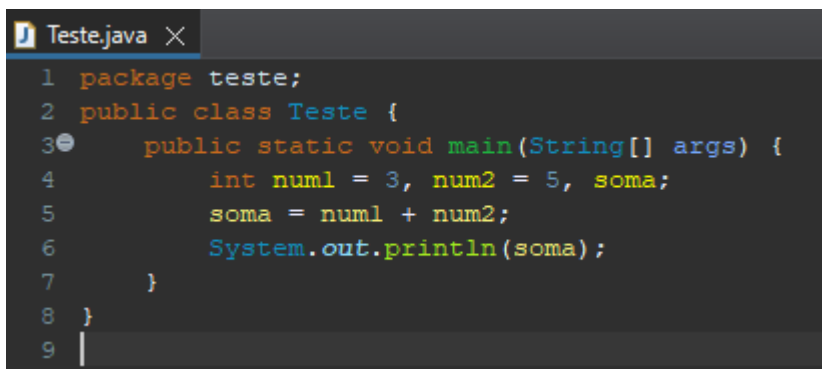


```
1 package teste;
2 public class Teste {
3     public static void main(String[] args) {
4         int num1 = 3, num2 = 5, soma;
5         soma = num1 + num2;
6         System.out.println(soma);
7     }
8 }
```

2)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git pull
remote: Enumerating objects: 11, done.
remote: Counting objects: 100% (11/11), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 6 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (6/6), 1.09 KiB | 44.00 KiB/s, done.
From https://github.com/fernandorufinobarcelos/aula-git-github
   a8ad1d1..1034c30  main       -> origin/main
Updating a8ad1d1..1034c30
Fast-forward
 teste/src/teste/Teste.java | 1 +
 1 file changed, 1 insertion(+)
```

3)



```
1 package teste;
2 public class Teste {
3     public static void main(String[] args) {
4         int num1 = 3, num2 = 5, soma;
5         soma = num1 + num2;
6         System.out.println(soma);
7     }
8 }
9 |
```

4)

```
C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean

C:\Users\barce\OneDrive\Área de Trabalho\aula_GitHub\aula-git-github>
```