

Leonardo Gabriel Silva: RA: 4231921808

Exercício: Git-GitHub

GitHub: criar repositório remoto.

3) Página de criação de novo repositório:


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 *

Repository name *

 Leonardogabriels

 /

aula-git-github

 Your new repository will be created as -aula-git-github.
The repository name can only contain ASCII letters, digits, and the characters -, ., and _.

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

Description (optional)

☐ Public

☒ Private

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

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

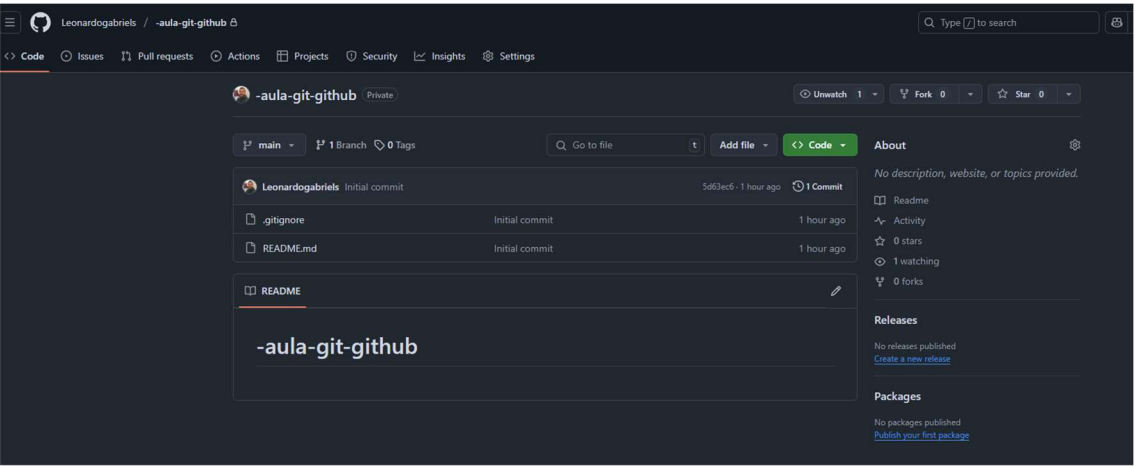
License: None

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

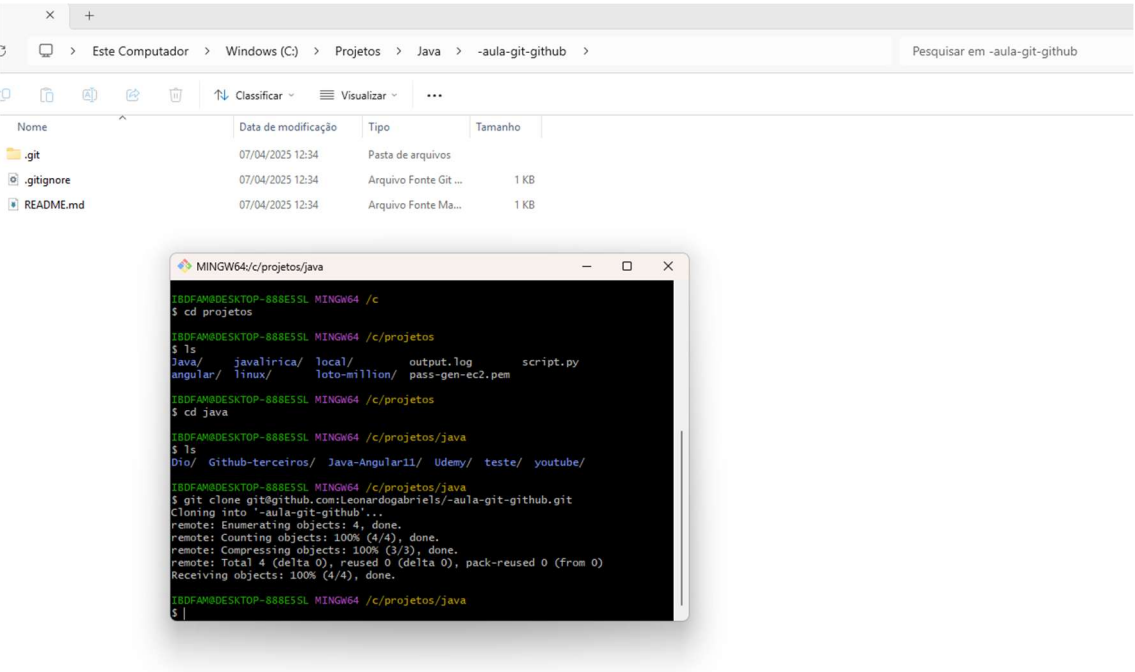
This will set  main as the default branch. Change the default name in your [settings](#).

 You are creating a private repository in your personal account.

4) Página inicial do repositório:



Git: clonar repositório remoto.



git status:

```
Terminal  Git Bash  x  +  v

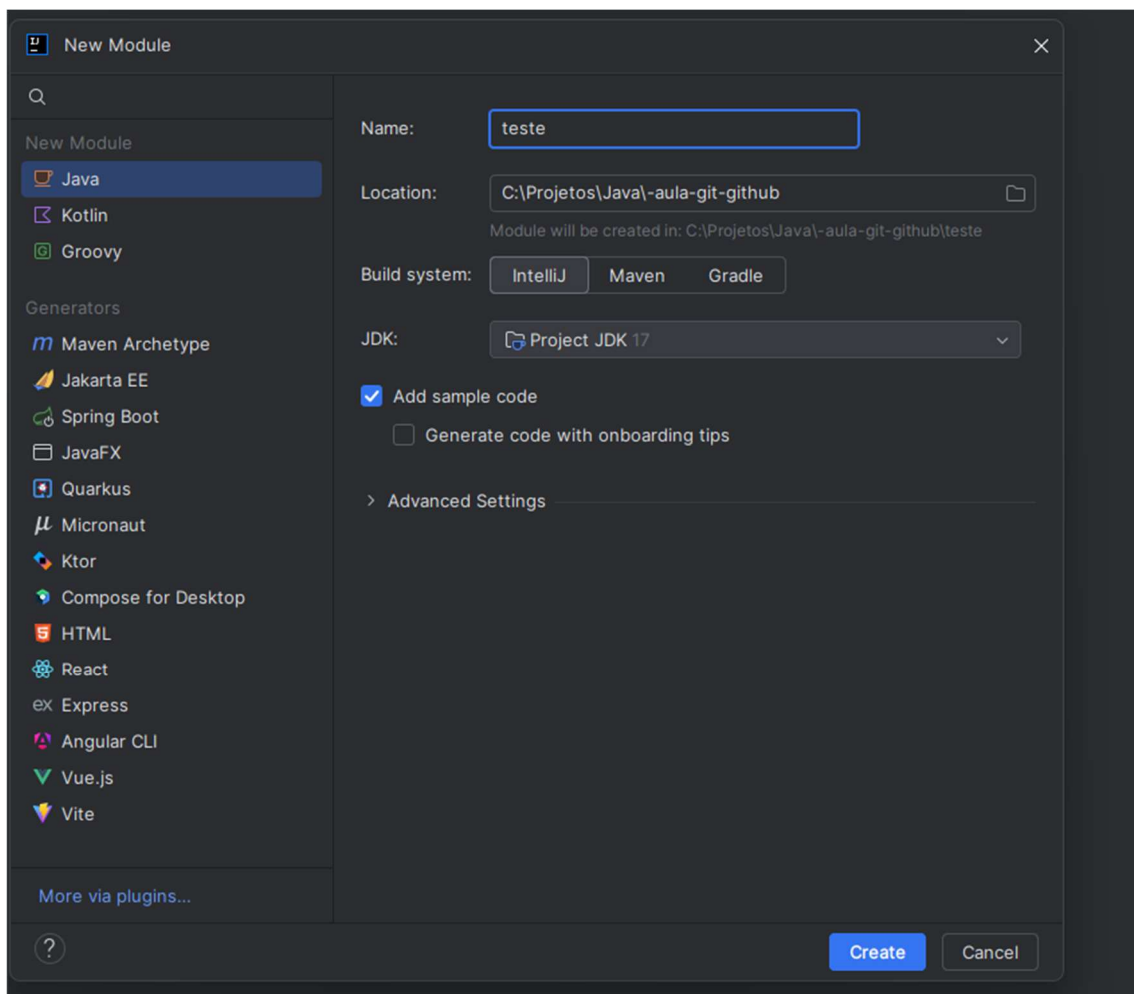
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

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

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

IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$
```

3) Git: adicionar arquivo a um repositório local e enviar para o repositório remoto.



git add:

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git add .
warning: in the working copy of 'teste/src/Teste.java', LF will be replaced by CRLF the next time Git touches it
```

git status:

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (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)
    new file:   .idea/-aula-git-github.iml
    new file:   .idea/.gitignore
    new file:   .idea/misc.xml
    new file:   .idea/modules.xml
    new file:   .idea/uiDesigner.xml
    new file:   .idea/vcs.xml
    new file:   teste/src/Teste.java
    new file:   teste/teste.iml
```

Git Commit:

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git commit -m "primeiro commit do projeto"
[main 7b8e34b] primeiro commit do projeto
 8 files changed, 178 insertions(+)
 create mode 100644 .idea/-aula-git-github.iml
 create mode 100644 .idea/.gitignore
 create mode 100644 .idea/misc.xml
 create mode 100644 .idea/modules.xml
 create mode 100644 .idea/uiDesigner.xml
 create mode 100644 .idea/vcs.xml
 create mode 100644 teste/src/Teste.java
 create mode 100644 teste/teste.iml
```

Git Push:

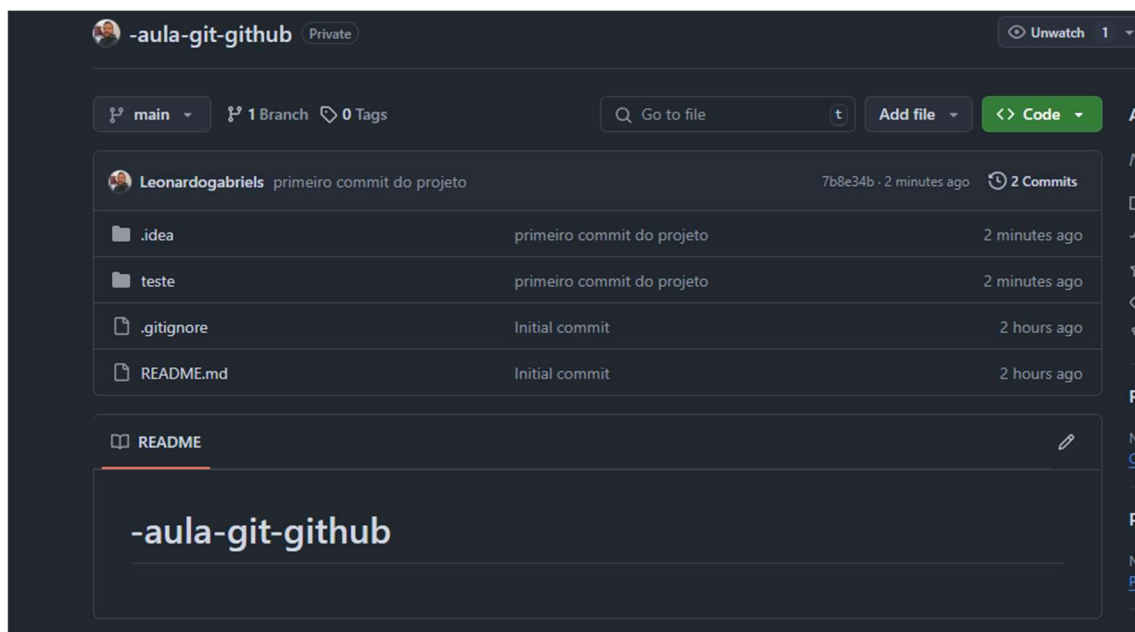
```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git push
Enumerating objects: 14, done.
Counting objects: 100% (14/14), done.
Delta compression using up to 12 threads
Compressing objects: 100% (12/12), done.
Writing objects: 100% (13/13), 2.55 KiB | 2.55 MiB/s, done.
Total 13 (delta 1), reused 0 (delta 0), pack-reused 0
remote: Resolving deltas: 100% (1/1), done.
To github.com:Leonardogabriels/-aula-git-github.git
   5d63ec6..7b8e34b  main -> main
```

Git status:

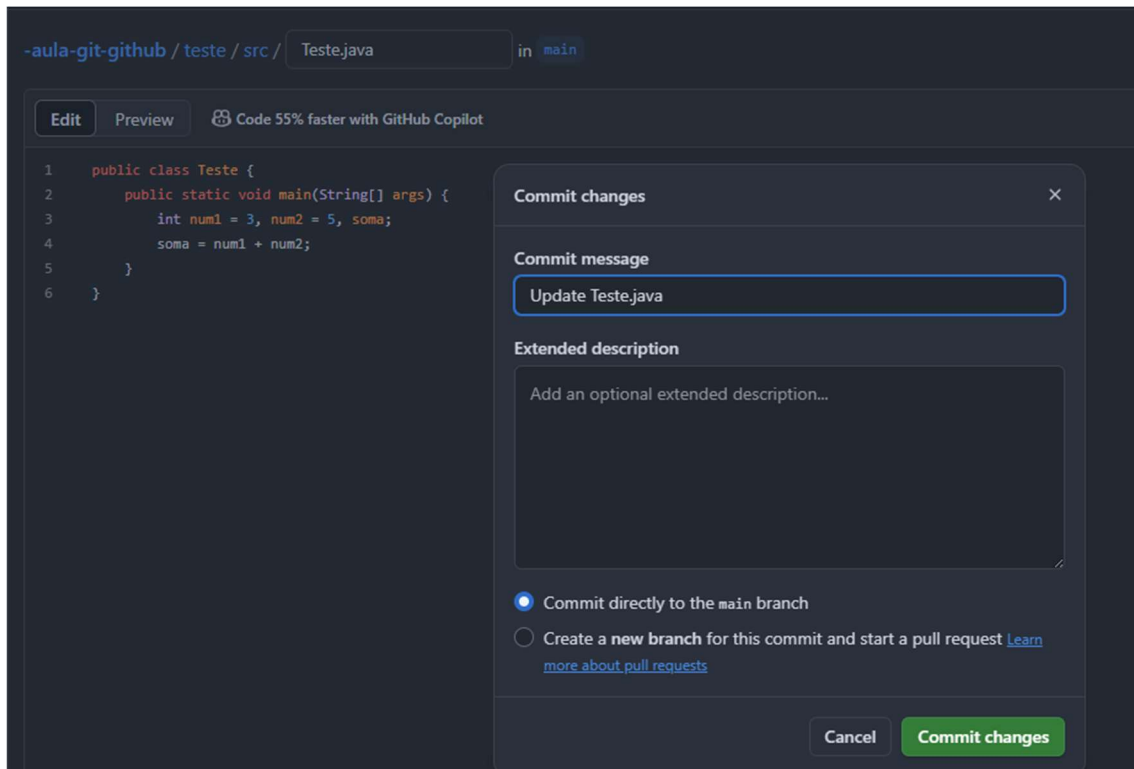
```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

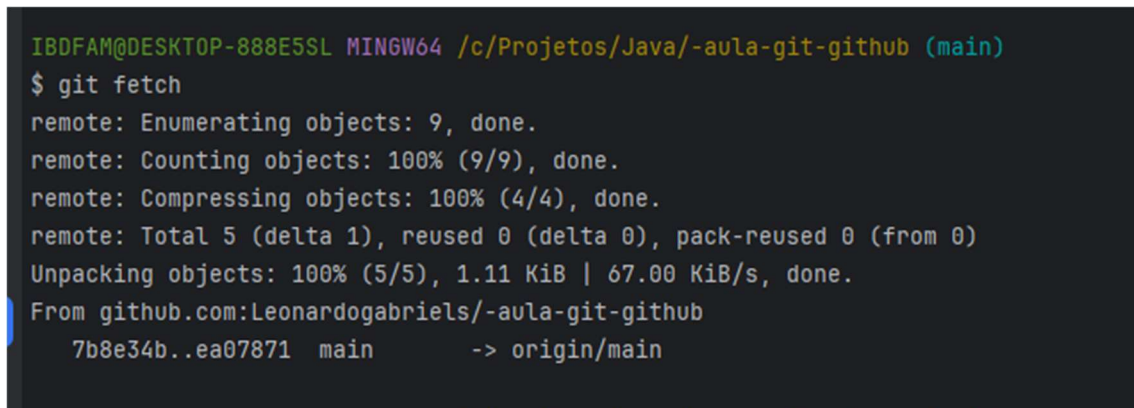
. Atualizar a página do repositório remoto no navegador e observar o conteúdo.



4) alterar o diretório remoto e buscar para o repositório local sem realizar o “merge”.



. Buscar as alterações para o repositório local.



.Git status: Reportar o estado do repositório.

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ 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
```

Git Pull: Realizar o merge das alterações.

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git pull
Updating 7b8e34b..ea07871
Fast-forward
 teste/src/Teste.java | 7 ++++---
 1 file changed, 4 insertions(+), 3 deletions(-)
```

Git Status: reportar estado do repositório:

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```

5) alterar o diretório remoto, buscar para o repositório local e realizar o “merge”.



```
-aula-git-github / teste / src / Teste.java
Leonardogabriels Update2 Teste.java
Code Blame 8 lines (7 loc) · 178 Bytes Code 55% faster with GitHub Copilot
1  public class Teste {
2      public static void main(String[] args) {
3          int num1 = 3, num2 = 5, soma;
4          soma = num1 + num2;
5
6          System.out.println(soma);
7      }
8  }
```


. Buscar as alterações para o repositório local e realizar o “merge”.

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git pull
remote: Enumerating objects: 9, done.
remote: Counting objects: 100% (9/9), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (5/5), 1.08 KiB | 68.00 KiB/s, done.
From github.com:Leonardogabriels/-aula-git-github
   ea07871..437fe9d  main       -> origin/main
Updating ea07871..437fe9d
Fast-forward
 teste/src/Teste.java | 2 ++
 1 file changed, 2 insertions(+)
```

Git status

```
IBDFAM@DESKTOP-888E5SL MINGW64 /c/Projetos/Java/-aula-git-github (main)
$ git status
On branch main
Your branch is up to date with 'origin/main'.

nothing to commit, working tree clean
```