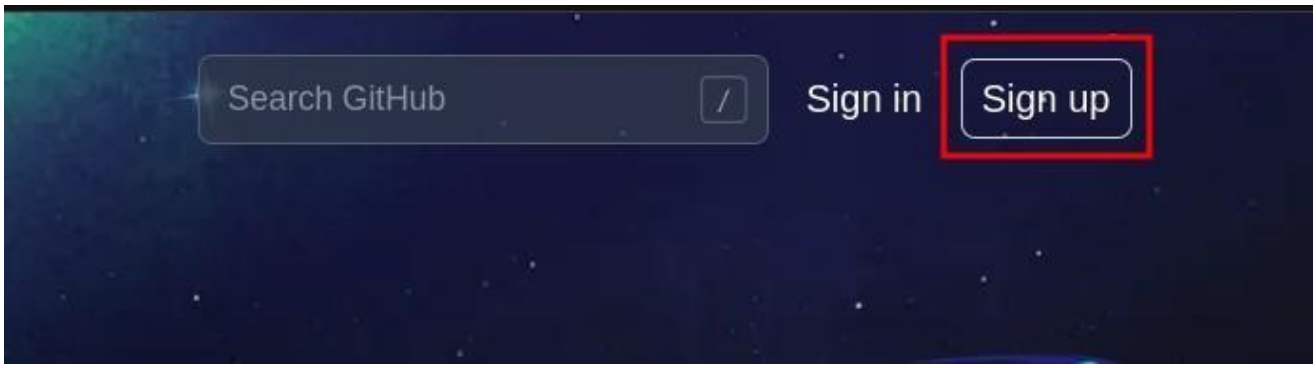
GIT Bootcamp

La siguiente actividad está orientada a sistemas operativos Windows pero aquellos usuarios que posean Linux solamente tendrán que seguir la actividad a partir del punto 2.

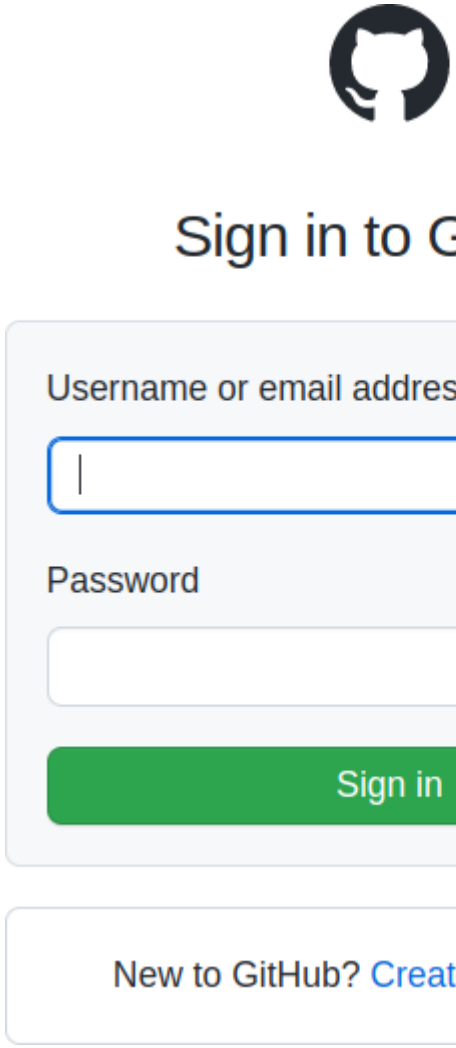
Instructions

1. Instalá GIT BASH
   URL: https://git-scm.com/download/win

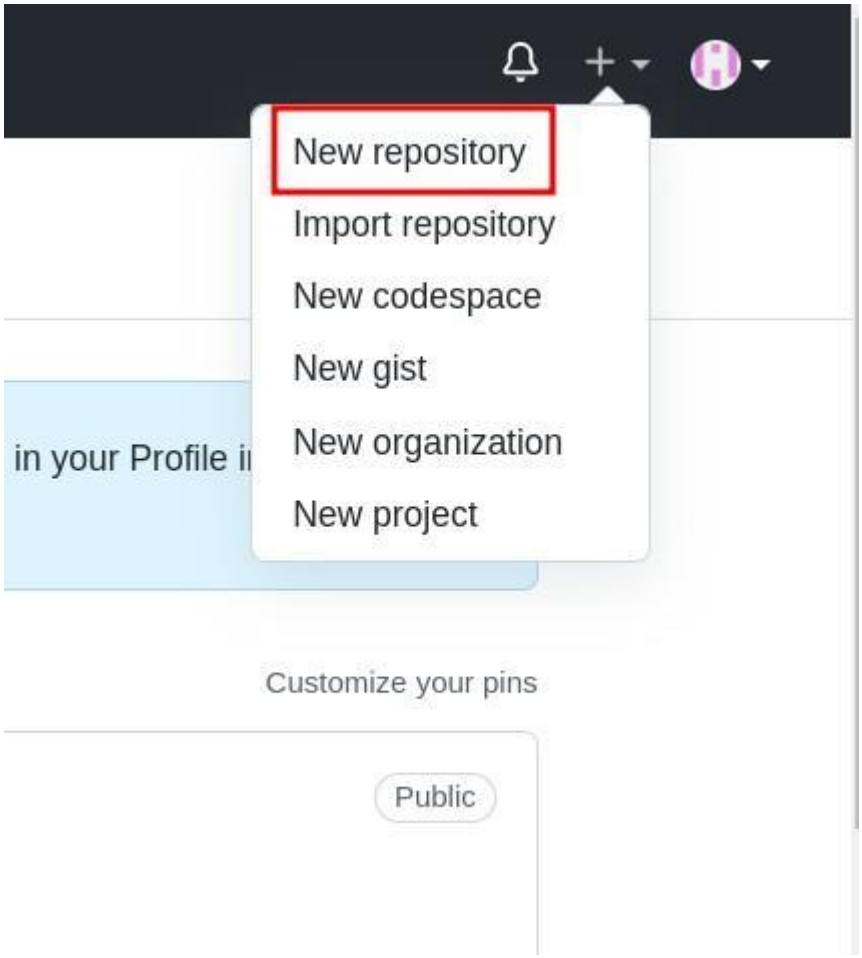
2. Creá una cuenta en GitHub.
   URL: https://github.com/
   Seleccioná “Sign up” y seguí las instrucciones.



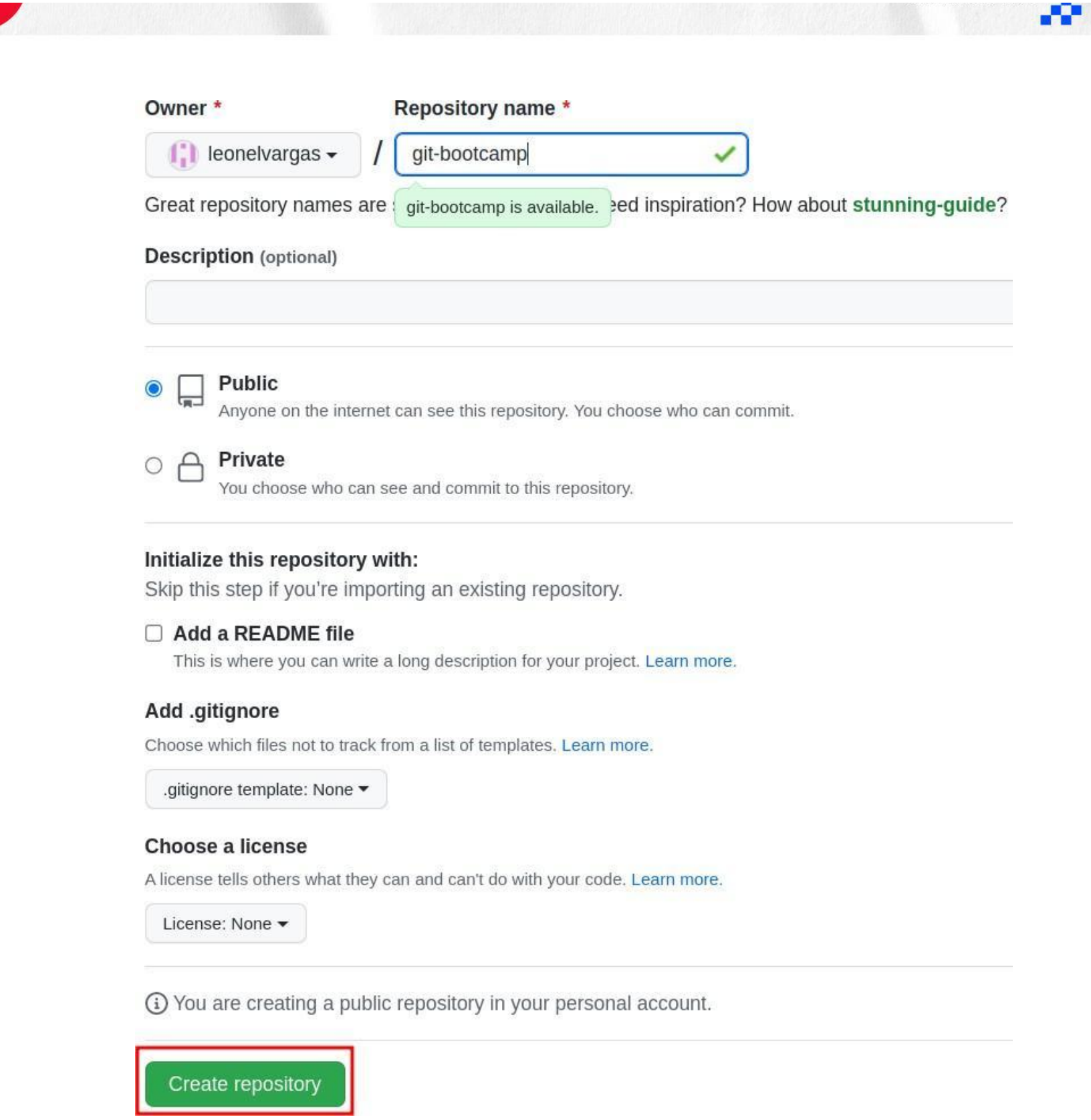
3. Logeate en GitHub.



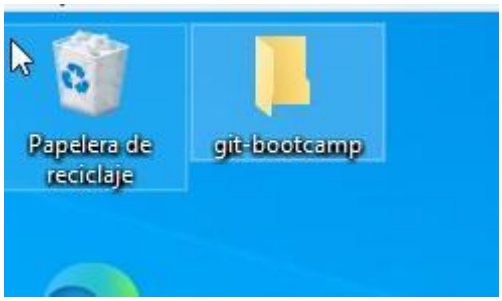
4. En el margen superior derecho, seleccioná “new repository”.



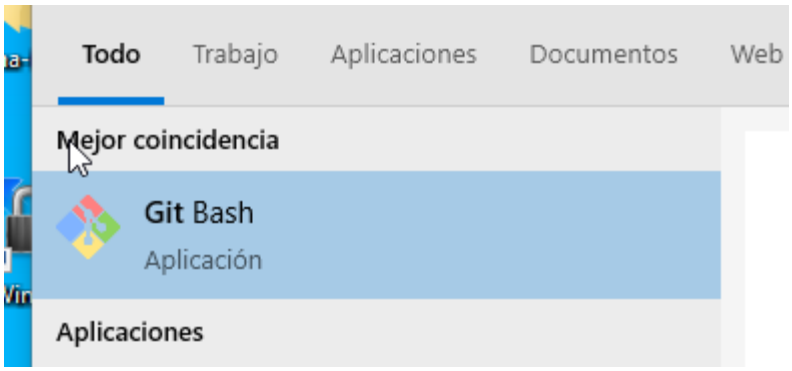
5. Agregá un nombre para tu repositorio.



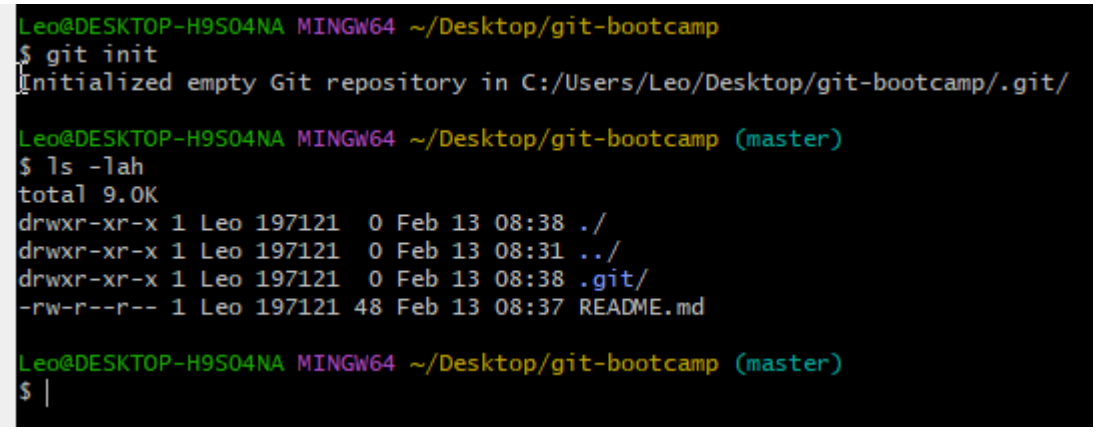
6. Creá una carpeta, por ejemplo en el escritorio. Y agregar el archivo con el nombre README.md que se obtiene desde la plataforma.



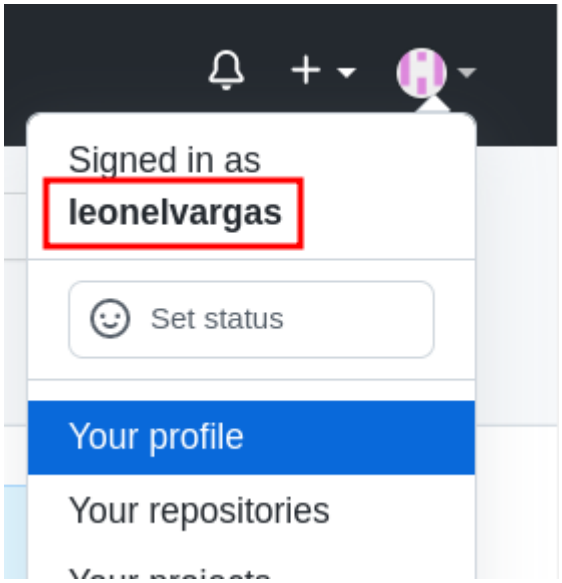
7. Ejecutá GIT BASH en tu OS y con el comando cd situate dentro de tu carpeta. Para luego iniciar un repositorio git.




```
cd ~/Desktop/git-bootcamp
git init
```



8. Configurá tu entorno de Git con usuario y mail de GitHub.

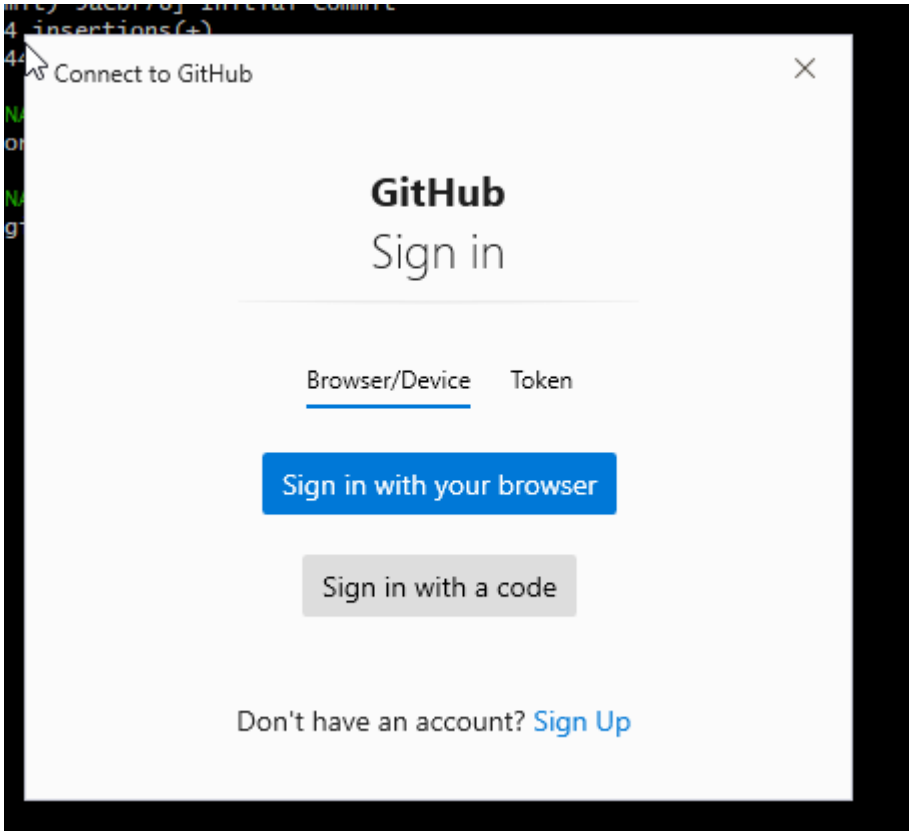


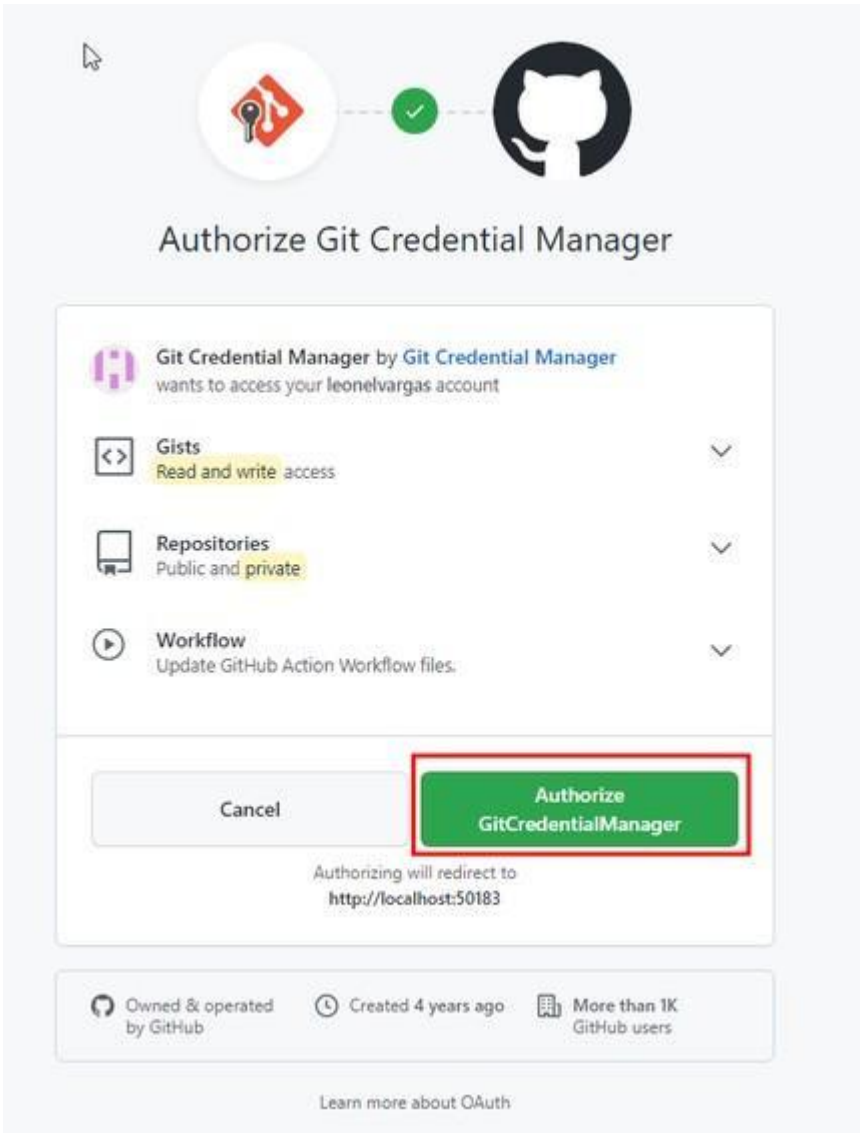

```
git config --global user.email "[$GITHUB_MAIL]"
git config --global user.name "[$GITHUB_USERNAME]"
```

```
Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git config --global user.email "leonelvargascba@gmail.com"

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git config --global user.name "leonelvargas"

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$
```

9. Vinculá el repositorio local recién creado con el propio en GitHub.
   Este punto pedirá autentificación.

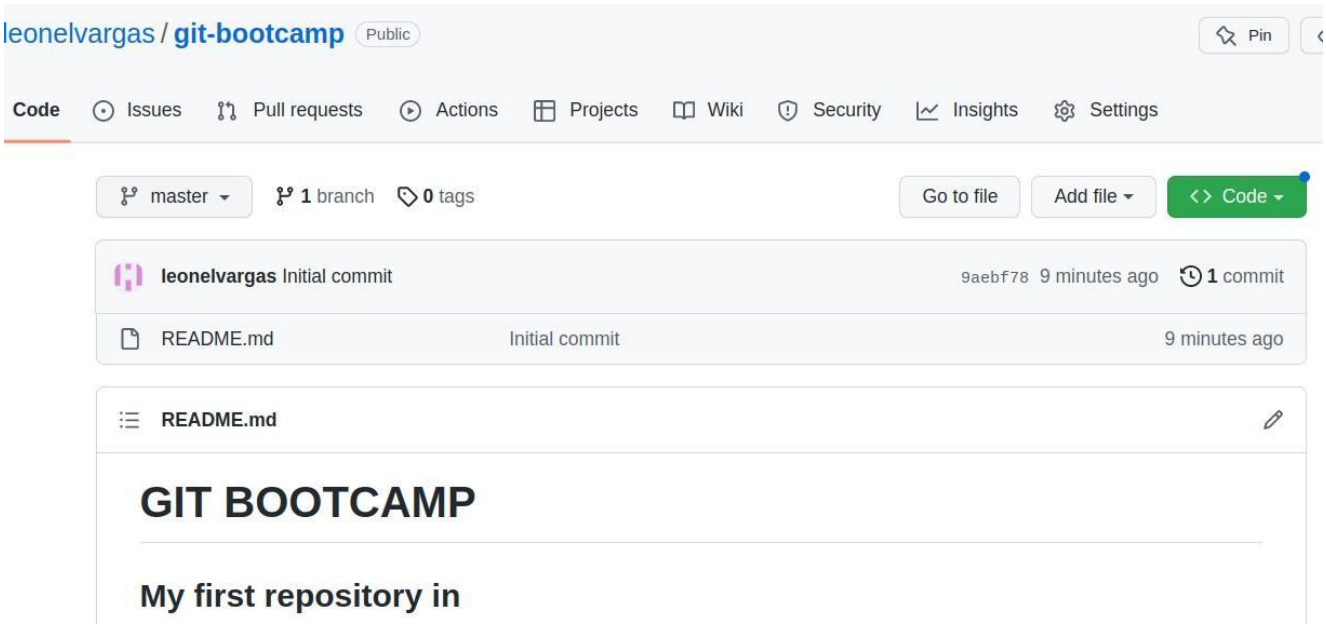
```
git add .
git commit -m "Initial commit"
git remote add origin https://github.com/[$GITHUB_USERNAME]/
[$GITHUB_REPO_NAME].git
git push -u origin master
```


Connect to GitHub
GitHub
Sign in
Browser/Device
Token
Sign in with your browser
Sign in with a code
Don't have an account? Sign Up


Authorize Git Credential Manager
Git Credential Manager by Git Credential Manager
wants to access your leonelvargas account
Gists
Read and write access
Repositories
Public and private
Workflow
Update GitHub Action Workflow files.
Cancel
Authorize GitCredentialManager
Authorizing will redirect to
http://localhost:50183
Owned & operated by GitHub
Created 4 years ago
More than 1K GitHub users
Learn more about OAuth

```
Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git add .

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git commit -m "Initial commit"
[master (root-commit) 9aebf78] Initial commit
 1 file changed, 4 insertions(+)
 create mode 100644 README.md

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git remote add origin https://github.com/leonelvargas/git-bootcamp.git

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git push -u origin master
Enumerating objects: 3, done.
Counting objects: 100% (3/3), done.
Writing objects: 100% (3/3), 257 bytes | 257.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/leonelvargas/git-bootcamp.git
 * [new branch]      master -> master
branch 'master' set up to track 'origin/master'.

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$
```

10. Verifica la conexión.



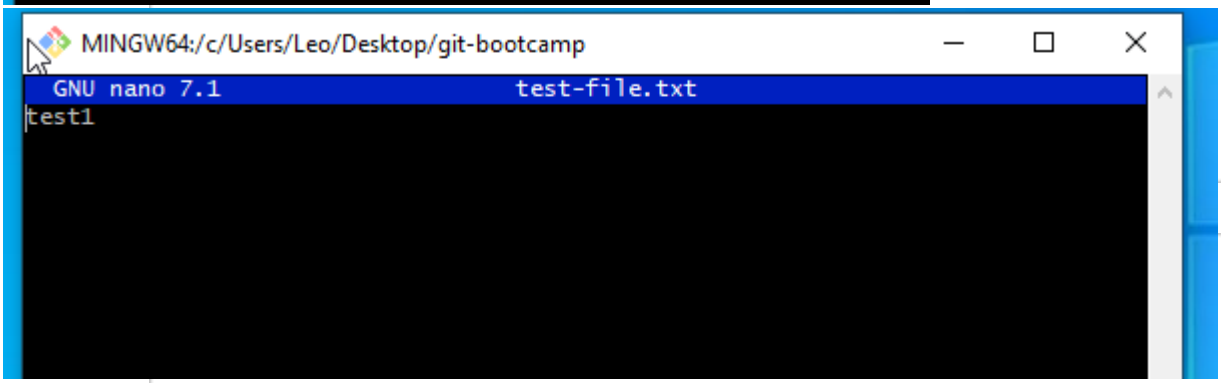
11. Crea una rama de seguimiento.
    a. Crear una rama local para testing.

```
cd ~/Desktop/git-bootcamp
git checkout -b test-branch
```

```
Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git checkout -b test-branch
Switched to a new branch 'test-branch'

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
```

b. Crear un elemento dentro de la rama.

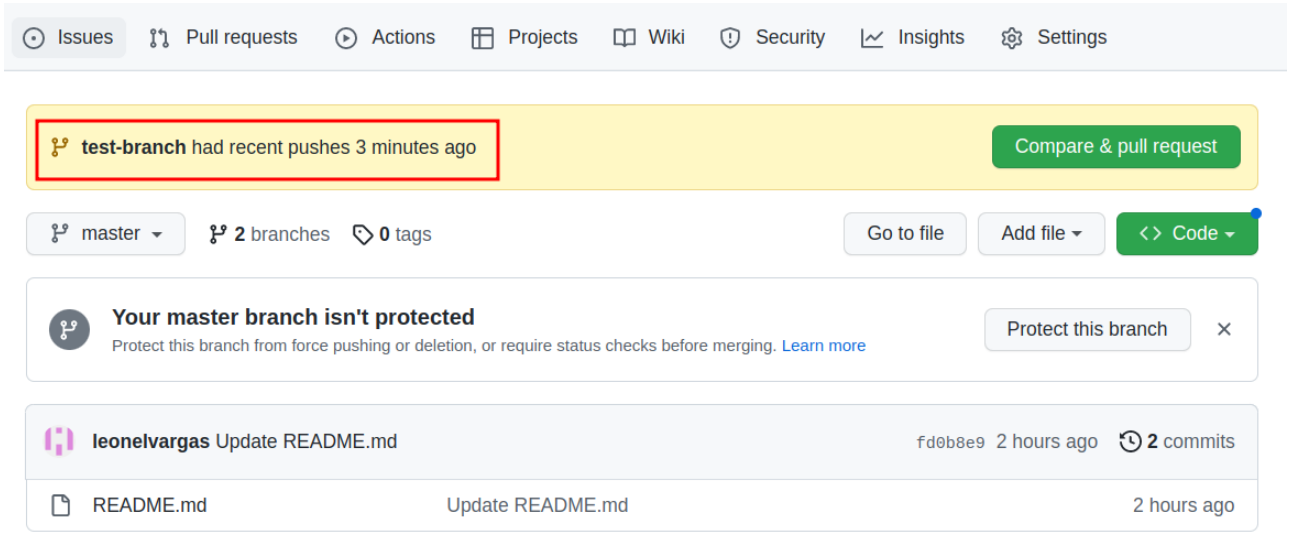
```
Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ nano test-file.txt
```



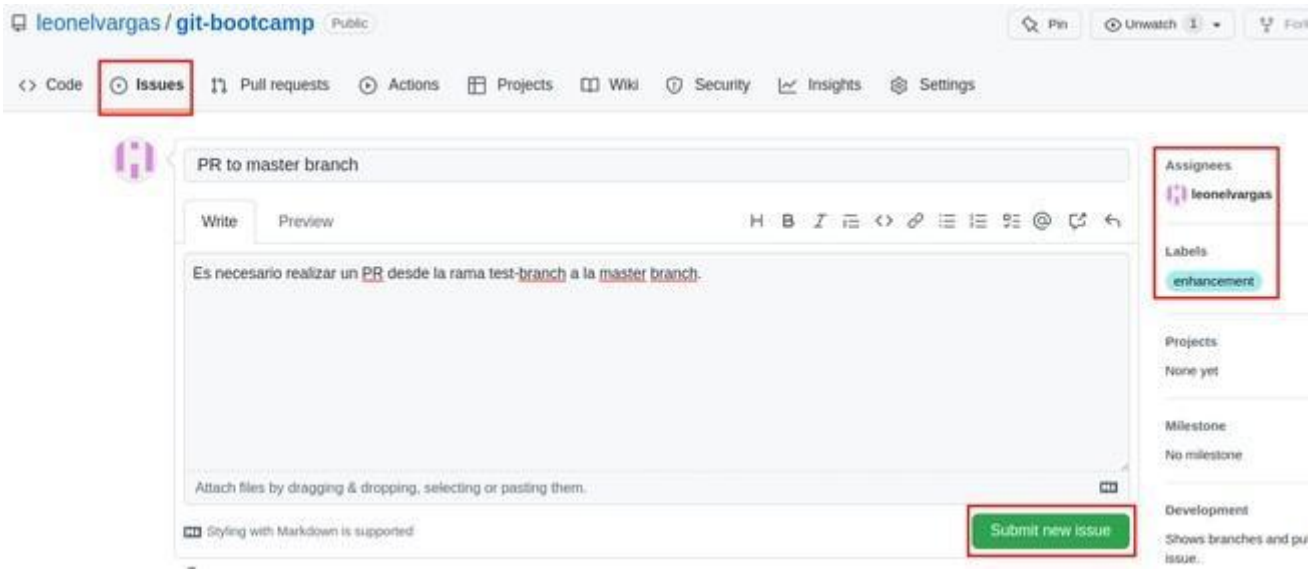

```
git push -u origin test-branch
```

```
Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ git add .

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ git status
On branch test-branch
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   test-file.txt


Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ git commit -m "test commit"
[test-branch d2f7d15] test commit
 1 file changed, 1 insertion(+)
 create mode 100644 test-file.txt

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ git push -u origin test-branch
Enumerating objects: 6, done.
Counting objects: 100% (6/6), done.
Compressing objects: 100% (3/3), done.
Writing objects: 100% (6/6), 508 bytes | 39.00 KiB/s, done.
Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
remote:
remote: Create a pull request for 'test-branch' on GitHub by visiting:
remote:      https://github.com/leonelvargas/git-bootcamp/pull/new/test-branch
remote:
To https://github.com/leonelvargas/git-bootcamp.git
 * [new branch]      test-branch -> test-branch
branch 'test-branch' set up to track 'origin/test-branch'.

Leo@DESKTOP-H9SO4NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$
```

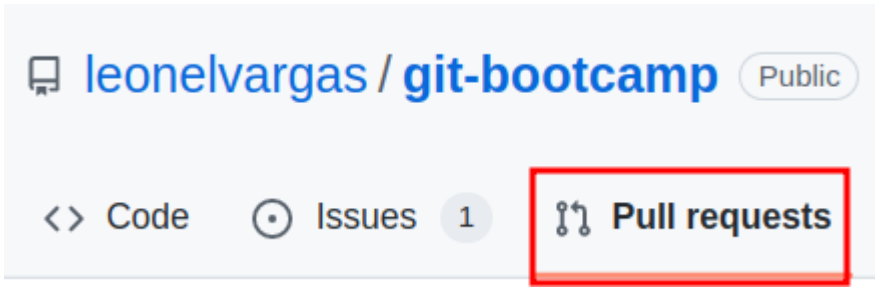
d. Verificar en GitHub el estado de la nueva rama remota.



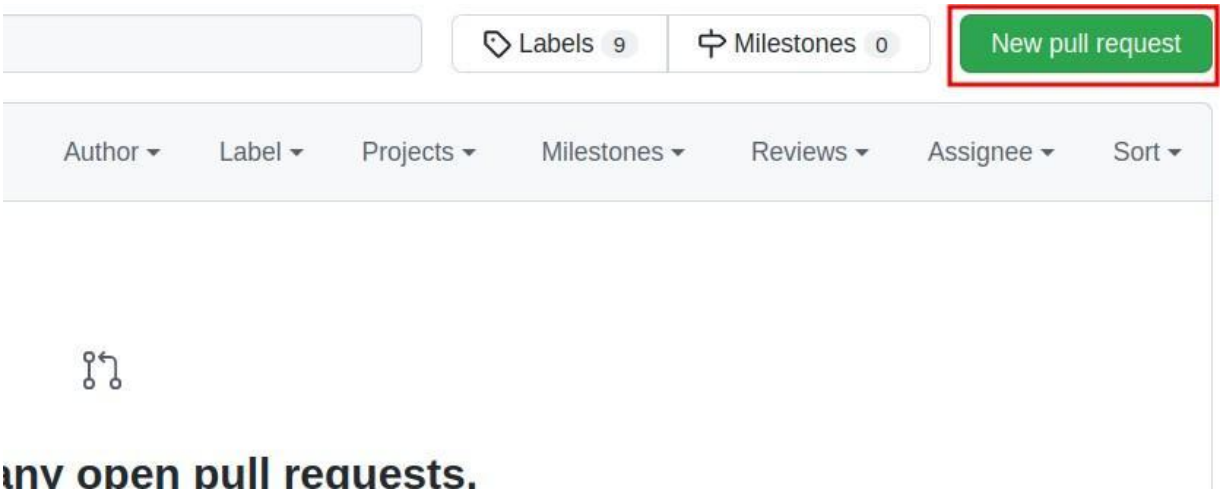
12. Crear un issue que requiera hacer un PR a la rama master en GitHub.
    En la foto se muestra un ejemplo.

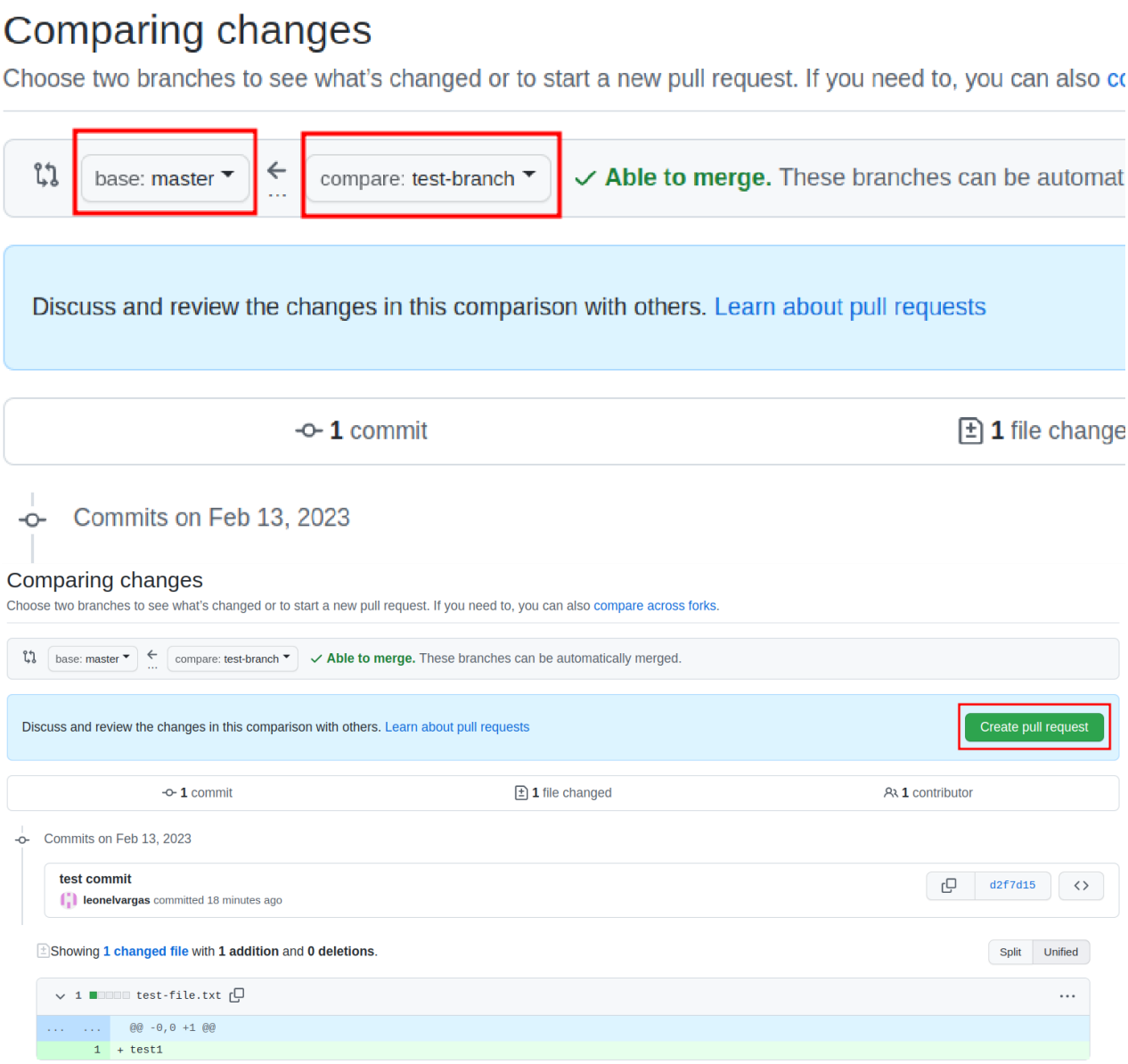


13. Crea un Pull Request y cierra dicho Issue.
    a. Accede a la sección de PR.

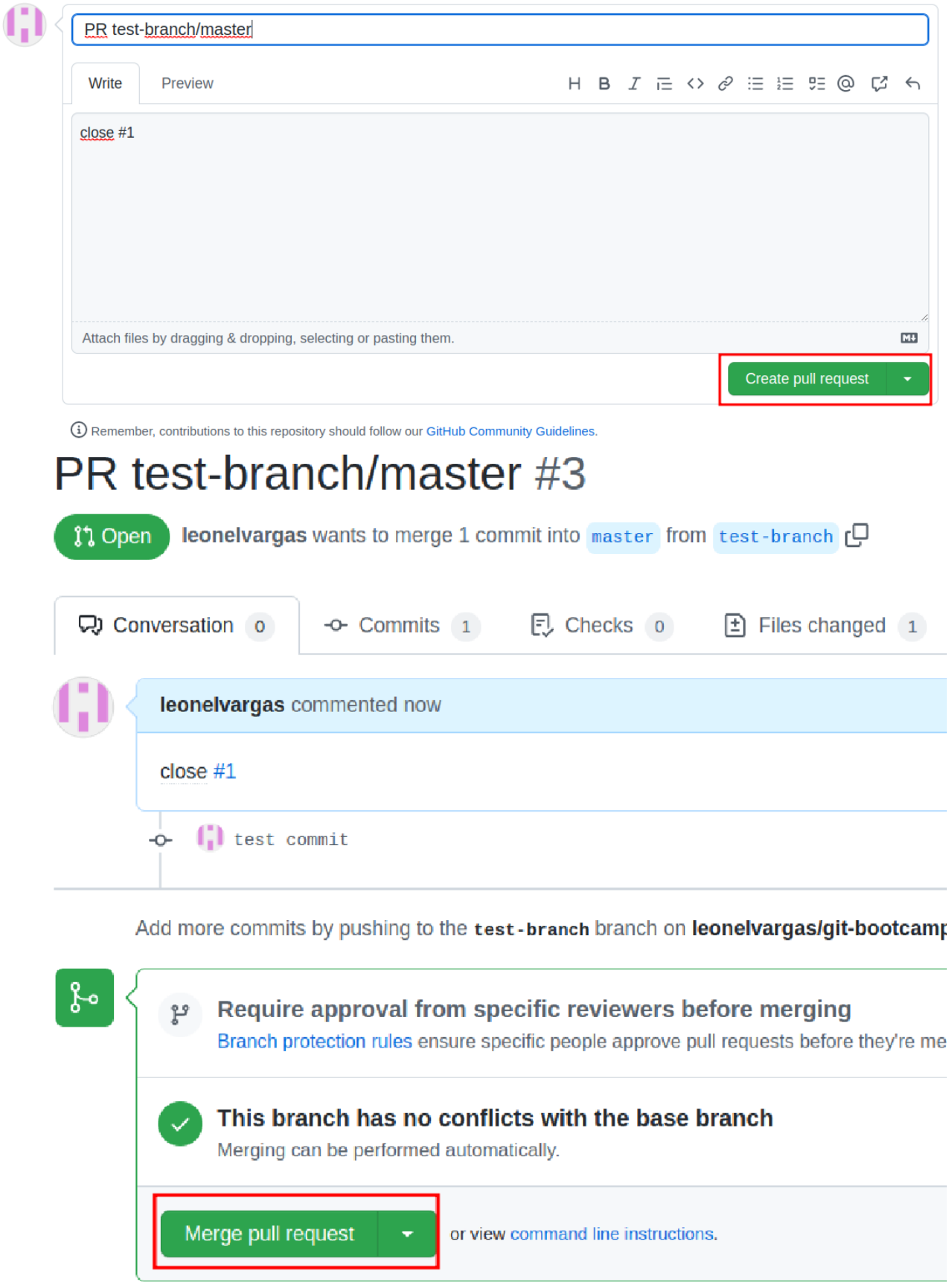


    b. Crea un PR desde test-branch a master.

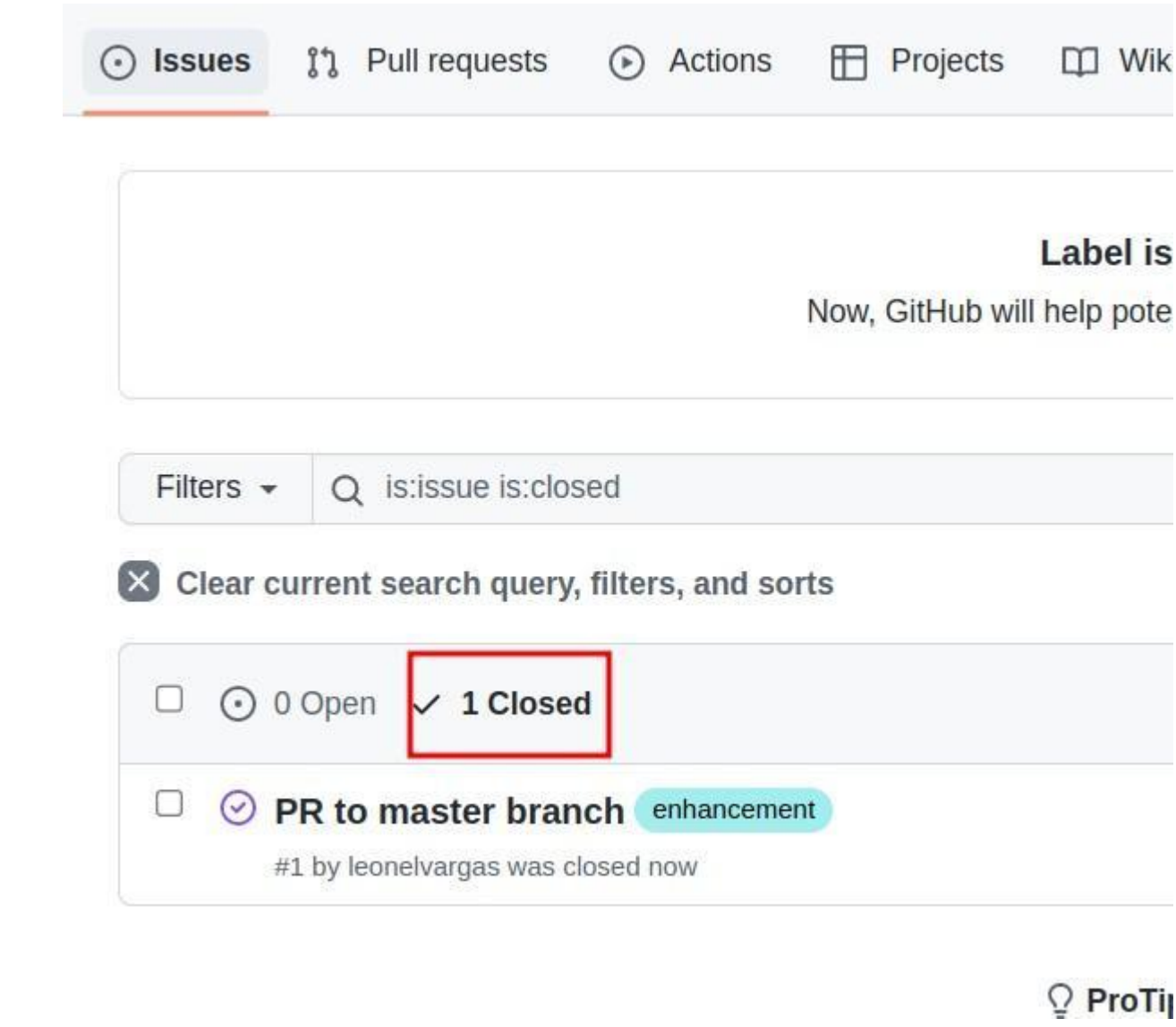




c. Merge the PR.
Al escribir "close #[n° de Issue]" podemos cerrar un issue a través de un PR.



14. Verificar que el issue se encuentre cerrado.



Files

README.md