

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

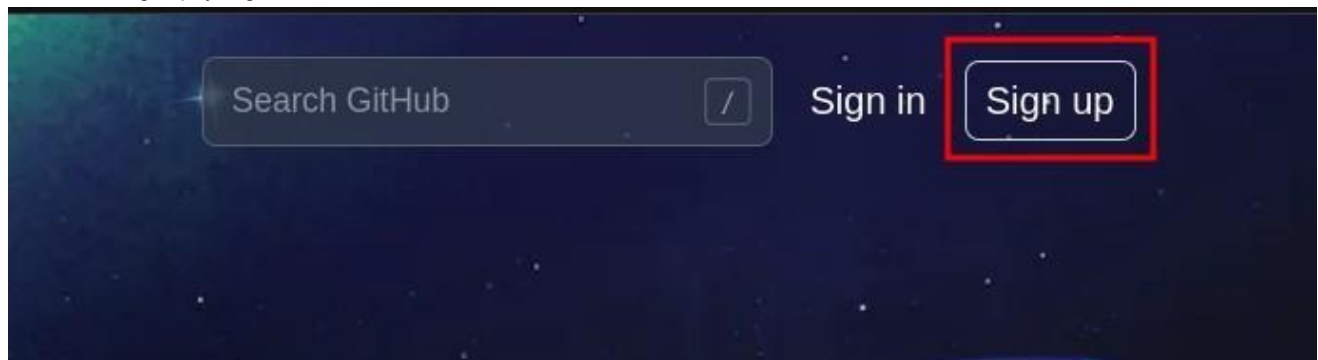
URL: <https://git-scm.com/download/win>



2. Creá una cuenta en GitHub.

URL: <https://github.com/>

Seleccioná "Sign up" y seguí las instrucciones.





3. Logeate en GitHub.



Sign in to GitHub

Username or email address

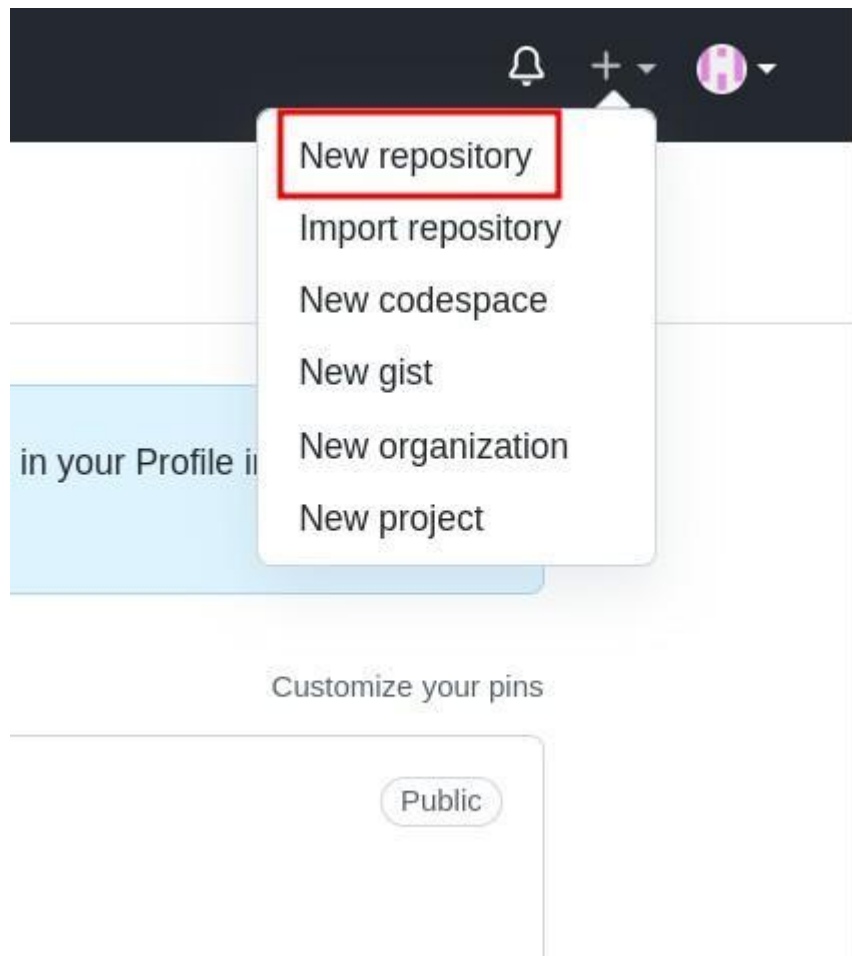
Password

[Forgot password?](#)

Sign in


New to GitHub? [Create an account.](#)

4. En el margen superior derecho, seleccioná "new repository".



5. Agregá un nombre para tu repositorio.

Owner *

 leonelvargas ▾

Repository name *

/ git-bootcamp ✓

Great repository names are: git-bootcamp is available. Need inspiration? How about **stunning-guide**?

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:

Skip this step if you're importing an existing repository.



Add a README file

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

Add .gitignore

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

.gitignore template: None ▾

Choose a license

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

License: None ▾



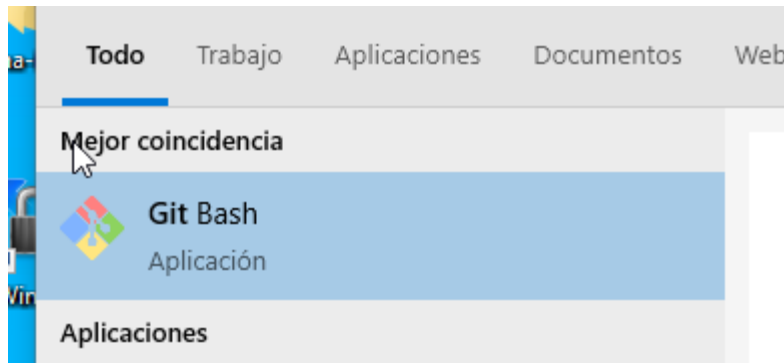
You are creating a public repository in your personal account.

Create repository

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.



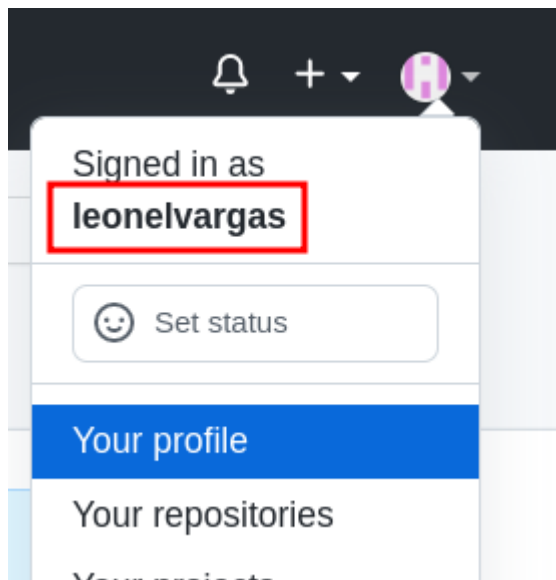
```
cd ~/Desktop/git-bootcamp
git init
```

```
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp
$ git init
Initialized empty Git repository in C:/Users/Leo/Desktop/git-bootcamp/.git/

Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ ls -lah
total 9.0K
drwxr-xr-x 1 Leo 197121  0 Feb 13 08:38 ./
drwxr-xr-x 1 Leo 197121  0 Feb 13 08:31 ../
drwxr-xr-x 1 Leo 197121  0 Feb 13 08:38 .git/
-rw-r--r-- 1 Leo 197121 48 Feb 13 08:37 README.md

Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ |
```

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}]"
```

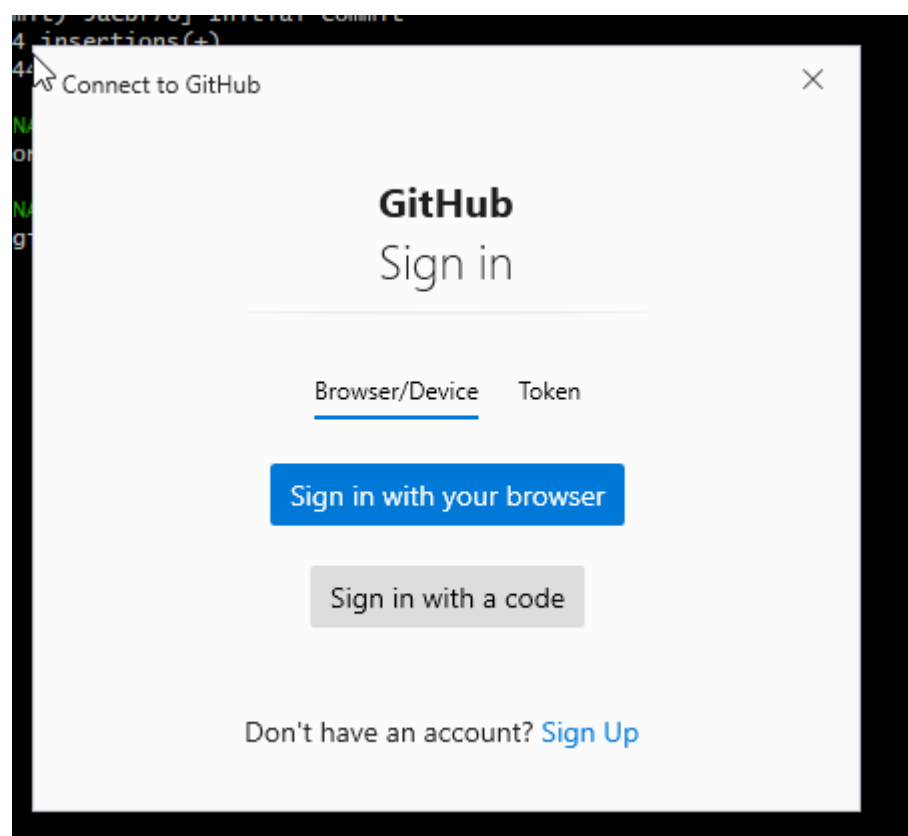
```
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git config --global user.email "leonelvargascba@gmail.com"

Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git config --global user.name "leonelvargas"

Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ |
```

9. Vincula el repositorio local recién creado con el propio en GitHub.
Este punto pedirá autenticación.

```
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
```





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-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git add .

Leo@DESKTOP-H9S04NA 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-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git remote add origin https://github.com/leonelvargas/git-bootcamp.git

Leo@DESKTOP-H9S04NA 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-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$

```

10. Verifica la conexión.

leonelvargas / **git-bootcamp** Public Pin

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

master 1 branch 0 tags Go to file Add file <> Code

leonelvargas Initial commit 9aebf78 9 minutes ago 🕒 1 commit

README.md Initial commit 9 minutes ago

README.md ✎

GIT BOOTCAMP

My first repository in

11. Crea una rama de seguimiento.

a. Crear una rama local para testing.

```

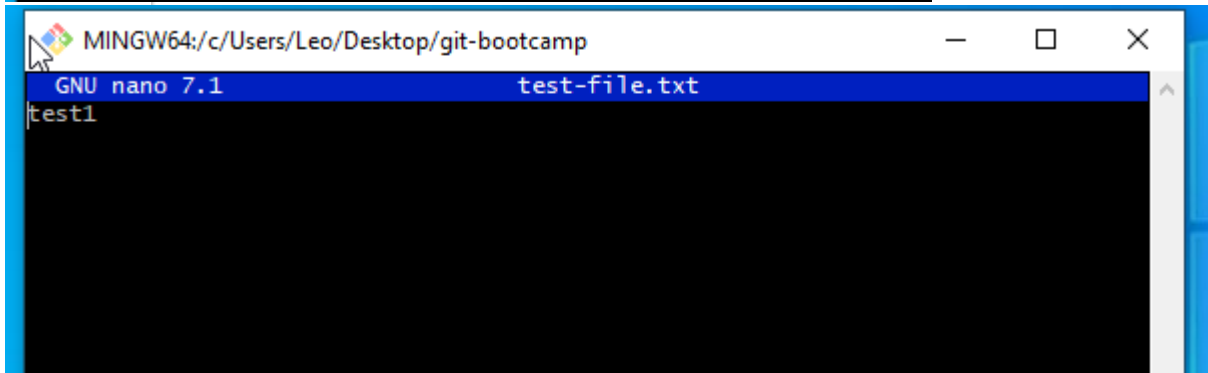
cd ~/Desktop/git-bootcamp
git checkout -b test-branch

```

```
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (master)
$ git checkout -b test-branch
Switched to a new branch 'test-branch'
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
```

b. Crear un elemento dentro de la rama.

```
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ nano test-file.txt
```



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

```

Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ git add .

Leo@DESKTOP-H9S04NA 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-H9S04NA 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-H9S04NA 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'.

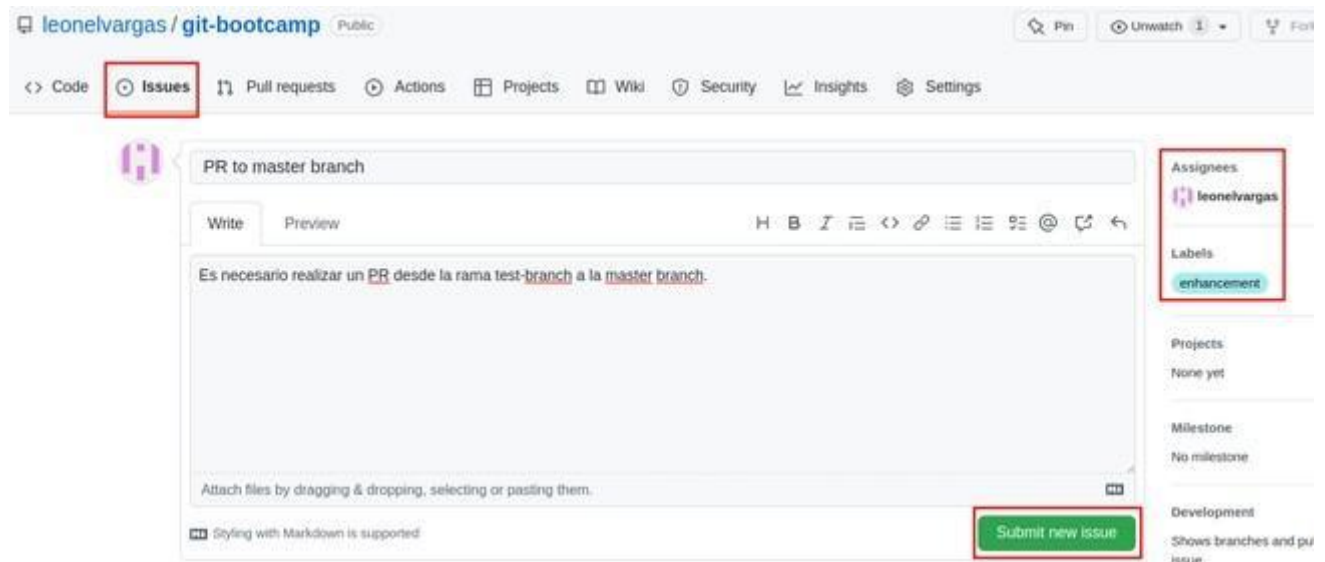
Leo@DESKTOP-H9S04NA MINGW64 ~/Desktop/git-bootcamp (test-branch)
$ |

```

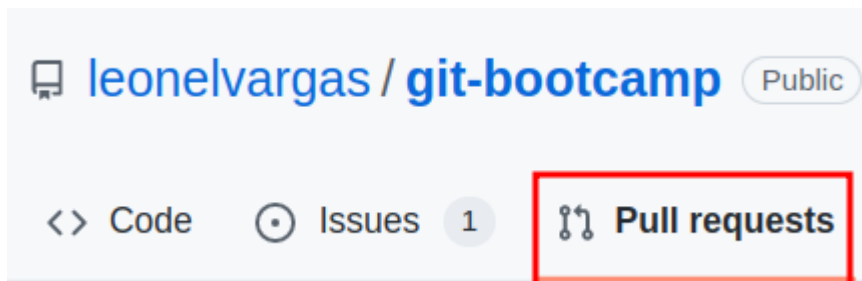
d. Verificar en GitHub el estado de la nueva rama remota.

The screenshot shows the GitHub repository interface. At the top, there's a navigation bar with links to Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. Below this, a yellow banner indicates that the 'test-branch' has recent pushes 3 minutes ago, with a 'Compare & pull request' button. The repository name 'leonelvargas/git-bootcamp' is displayed, along with the current branch 'master' and a dropdown menu showing '2 branches' and '0 tags'. A warning message states 'Your master branch isn't protected' with a 'Protect this branch' button. The commit history shows a recent commit 'Update README.md' by 'leonelvargas' 2 hours ago, with a commit hash 'fd0b8e9' and '2 commits' indicated.

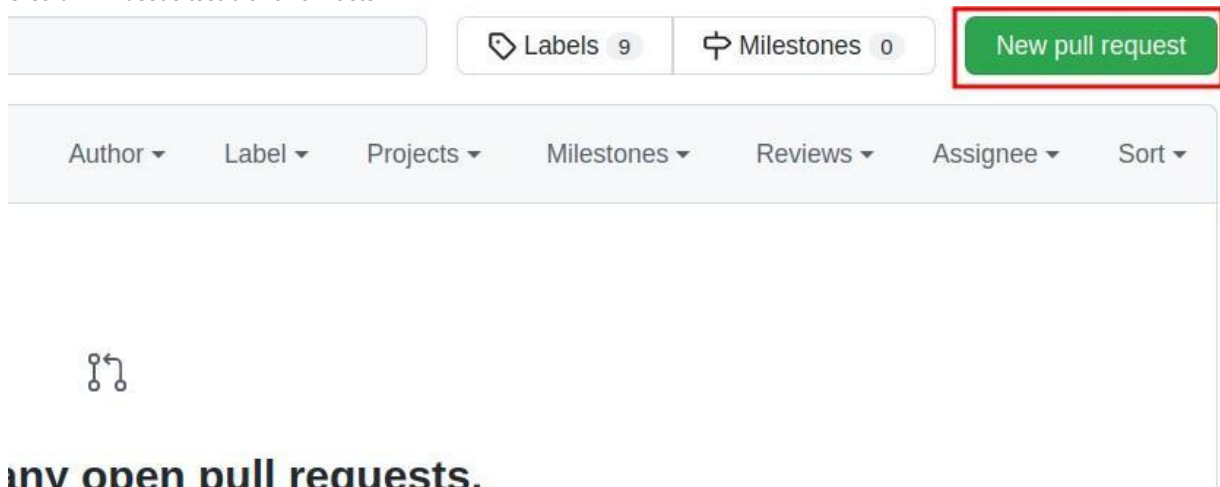
12. Crear un issue que requiera hacer un PR a la rama master en GitHub.
En la foto se muestra un ejemplo.



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.




inv open pull requests.

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base: master



compare: test-branch

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)


1 commit

1 file change


Commits on Feb 13, 2023

Comparing changes

Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#).



base: master



compare: test-branch

✓ **Able to merge.** These branches can be automatically merged.

Discuss and review the changes in this comparison with others. [Learn about pull requests](#)

Create pull request



1 commit

1 file changed

1 contributor

Commits on Feb 13, 2023

test commit
leonelvargas committed 18 minutes ago


 d2f7d15 

Showing 1 changed file with 1 addition and 0 deletions.

Split Unified

1


test-file.txt



... @@ -0,0 +1 @@
1 + test1

c. Merge the PR.

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



PR test-branch/master

Write

Preview

H B I ≡ <> 🔗 ≡ ≡ ≡ @ ↗ ↶


close #1

Attach files by dragging & dropping, selecting or pasting them.

Create pull request

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

PR test-branch/master #3

 Open leonelvargas wants to merge 1 commit into master from test-branch

 Conversation 0

 Commits 1



 Checks 0

 Files changed 1



leonelvargas commented now

close #1

  test commit

Add more commits by pushing to the test-branch branch on leonelvargas/git-bootcamp



Require approval from specific reviewers before merging

[Branch protection rules](#) ensure specific people approve pull requests before they're merged.



This branch has no conflicts with the base branch

Merging can be performed automatically.

Merge pull request

or view [command line instructions](#).

14. Verificar que el issue se encuentre cerrado.

Issues

Pull requests

Actions

Projects

Wiki

Label is

Now, GitHub will help pote

Filters

is:issue is:closed

Clear current search query, filters, and sorts

0 Open

1 Closed

PR to master branch enhancement

#1 by leonelvargas was closed now

ProTip

Files



README.md