

Semana 2
SC-302 Documentación
del software

Profesora:
Margoth Amores Varela



fidélitas
Universidad

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A photograph of the Fidélitas University STEM Center building. The building is modern with a grey facade and a large blue section featuring the university's logo and the words 'STEM CENTER'. In the foreground, there is a paved road with white arrows pointing left and a yellow curb. To the right, there is a gate with a blue wall also featuring the university's logo. The background shows lush green trees and distant mountains under a blue sky with some clouds.

Qué es Git y Github?

Qué es Git y Github



Plataforma web creada para alojar el código de las aplicaciones de los desarrolladores. Es un repositorio en la nube.

Es un sistema de control de versiones distribuido.



Términos importantes



Repositorio :

Servicio principal de Github

Espacio en la nube donde los usuarios pueden almacenar y compartir archivos.

Se almacenan archivos de texto con código en distintos lenguajes de programación.

Los repositorios pueden ser públicos o privados

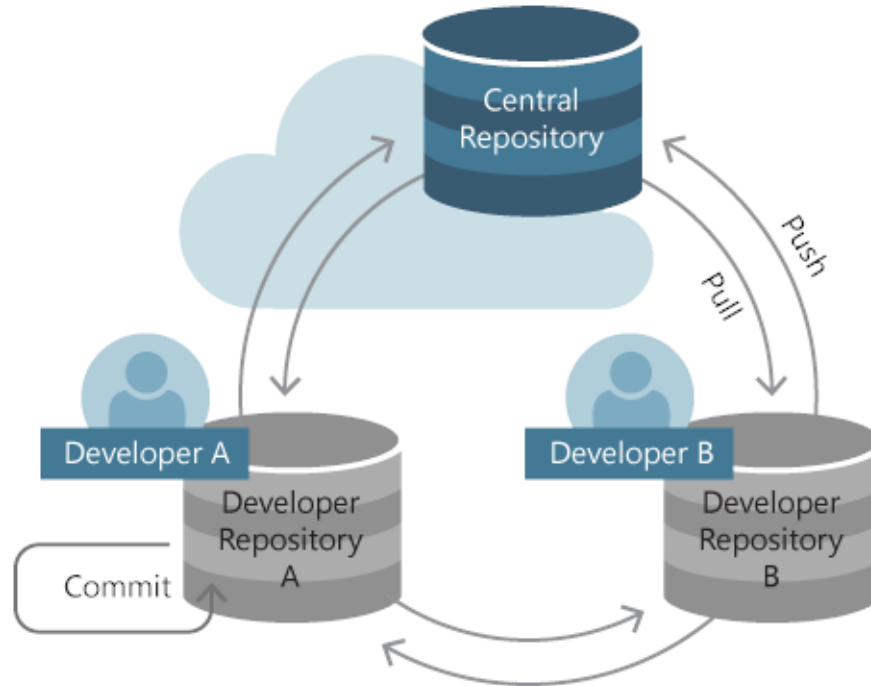
Proyecto

Características:

- Los repositorios muestran información importante, como lo es_
 - Descripción
 - Lenguajes de programación
 - Etiquetas de búsqueda
 - Readme
 - Configuración

Términos importantes

Repositorio :



Términos importantes(cont)

Main o Master:

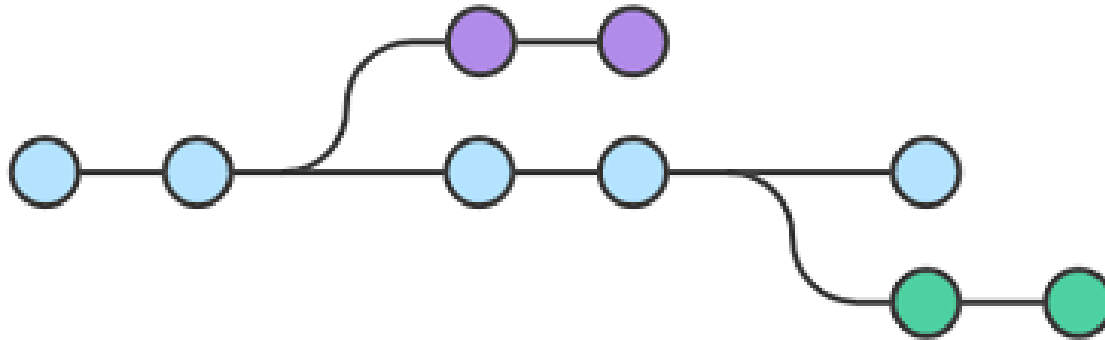
Rama principal del proyecto que integra todos los cambios y actualizaciones para tener un proyecto o producto final.



Términos importantes(cont)

Rama:

Copia idéntica del proyecto, pero separada para trabajar sobre ella.



Términos importantes(cont)

Clone:

Sirve para realizar una copia exacta del proyecto en su equipo local

Fusión o merge:

Integración de la funcionalidad desarrollada sobre una rama

Términos importantes(cont)

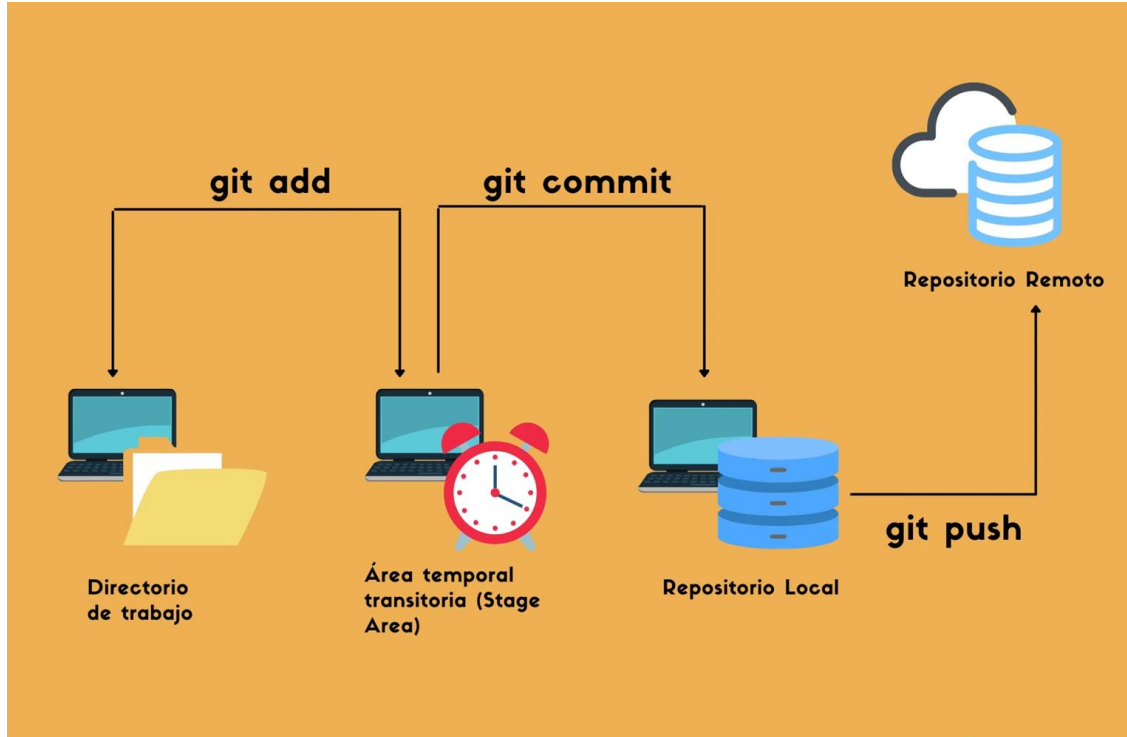
Add:

Agrega cada uno de los archivos modificados al “Staging Area”

Fusión o merge:

Integración de la funcionalidad desarrollada sobre una rama

Términos importantes(cont)



Herramientas

Línea de comandos (terminal)



Otras Plataformas del mercado basados en Git





GitLab




Bitbucket


Interfaz de Github


  hamores / prueba1


[Code](#) [Issues](#) [Pull requests](#) [Actions](#) [Projects](#) [Wiki](#) [Security](#) [Insights](#) [Settings](#)

 **prueba1** Public


[Pin](#) [Unwatch 1](#) [Fork 0](#) [Star 0](#)

 main


 1 branch

 0 tags


[Go to file](#) [Add file](#) [Code](#)

 hamores Initial commit

44d50e2 yesterday 1 commit

 LICENSE

Initial commit yesterday

 README.md

Initial commit yesterday

README.md

prueba1

Prueba y demo de Github

About

Prueba y demo de Github

[Readme](#) [MIT license](#) [Activity](#) [0 stars](#) [1 watching](#) [0 forks](#)

Releases

No releases published
[Create a new release](#)

Packages

No packages published
[Publish your first package](#)

Laboratorio

Paso 1

Crear una cuenta en Github

<https://github.com/>

Welcome to GitHub!

Let's begin the adventure

Enter your email*

→ hamores60924@ufide.ac.cr

Continue

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

Welcome to GitHub!

Let's begin the adventure

Enter your email*

✓ hamores60924@ufide.ac.cr

Create a password*

→ ••••••••



Continue

Password is strong

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter.

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

Welcome to GitHub!
Let's begin the adventure

Enter your email*

✓ hamores60924@ufide.ac.cr

Create a password*

✓ ●●●●●●●●

Enter a username*

→ hamores1

Continue

Username hamores1 is not available.

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.

Welcome to GitHub!

Let's begin the adventure

Enter your email*

✓ hamores60924@ufide.ac.cr

Create a password*

✓ (.....)

Enter a username*

✓ hamores2

Email preferences

☐ Receive occasional product updates and announcements.

Continue

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account related emails.

Verify your account

Use the arrows to rotate the object to face in the direction of the hand. (1 of 1)



Submit



Audio



Restart

announcements.

Verify your account



Create account

You're almost done!

We sent a launch code to `hamores60924@ufide.ac.cr`

→ Enter code*

Didn't get your email? [Resend the code](#) or [update your email address](#).



① Some content in this message has been blocked because the sender isn't in your Safe senders list. I trust content from noreply@github.com. | Show blocked content



GitHub <noreply@github.com>

To: AMORES VARELA HARLEN MARGOTH



Tue 1/23/2024 4:41 PM



Here's your GitHub launch code, @hamores2!



Continue signing up for GitHub by entering the code below:



Open GitHub

Once completed, you can start using all of GitHub's features to explore, build, and share projects.

Not able to enter the code? Paste the following link into your browser:
https://github.com/users/hamores2/emails/302950309/confirm_verification/59432552?via_launch_code_email=true

[Email preferences](#) · [Terms](#) · [Privacy](#) · [Sign in to GitHub](#)



Welcome to GitHub

We are glad you're here.

This will help us guide you to the tools that are best suited for your projects.

How many team members will be working with you?

☐ Just me

☐ 2-5

☐ 5-10

☐ 10-20

☐ 20-50

☐ 50+

Are you a student or teacher?

☐ N/A

☐ Student

☐ Teacher

Continue



The tools you need to build what you want.

Soup to nuts, GitHub has it all.

What specific features are you interested in using?

Select all that apply so we can point you to the right GitHub plan.



Collaborative coding

Codespaces, Pull requests, Notifications, Code review, Code review assignments, Code owners, Draft pull requests, Protected branches, and more.



Automation and CI/CD

Actions, Packages, APIs, GitHub Pages, GitHub Marketplace, Webhooks, Hosted runners, Self-hosted runners, Secrets management, and more.



Security

Private repos, 2FA, Required reviews, Required status checks, Code scanning, Secret scanning, Dependency graph.



Create your first project

Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.

[Create repository](#)[Import repository](#)

Recent activity

When you take actions across GitHub, we'll provide links to that activity here.

Join GitHub Global Campus!



Prepare for a career in tech by joining GitHub Global Campus. Global Campus will help you get the practical industry knowledge you need by giving you access to industry tools, events, learning resources and a growing student community.

Follow your Expert

lib to get help with hackathons & events.

Breaking into tech: internship edition with Helen Huang
Science & Technology

Level up your code with TwilioQuest
Talk Shows & Podcasts

Learning by teaching for your community - Cassidy Williams
Special Events

Popular offers you have not claimed:

Claim more offers

Curated Experiences with popular offers:

Virtual event kit

January 22, 2021
Level up your code with TwilioQuest
Ariel Kander

February 1, 2021
GitHub Campus Experts applications are open
Juan Pablo Flores Cortés

Artificial Intelligence
6 assignments
Lists and Loops
Due by May 1, 2021, 12:00 PST
Week Five: Functions
Due by Aug 15, 2021, 14:00 PST

Web meet 202
It is being partnered to GitHub- the biggest of

Web Meet
It is being partnered to GitHub- the biggest of

[Join Global Campus](#)

Latest changes

- 5 hours ago
CodeQL 2.16: Python Dependency Installation Disabled, New Queries, and...
 - Yesterday
Migrating GitHub Classroom Assignment Repository Creation from "Create from..."
 - 5 days ago
GitHub Issues & Projects – Project status updates & issues side panel
 - 5 days ago
Copilot – January 18th update
- [View changelog →](#)

Explore repositories

Kong / kong



The Cloud-Native API Gateway

☆ 36.7k

● Lua

Laboratorio

Paso 2

Instalar las herramientas

Laboratorio (Paso 2)

Visual Studio Code

<https://code.visualstudio.com/download>

Download Visual Studio Code

Free and built on open source. Integrated Git, debugging and extensions.



↓ Windows

Windows 10, 11

User Installer	x64	Arm64
System Installer	x64	Arm64
.zip	x64	Arm64
CLI	x64	Arm64



↓ .deb

Debian, Ubuntu

↓ .rpm

Red Hat, Fedora, SUSE

.deb	x64	Arm32	Arm64
.rpm	x64	Arm32	Arm64
.tar.gz	x64	Arm32	Arm64
Snap	Snap Store		



↓ Mac

macOS 10.15+

.zip	Intel chip	Apple silicon	Universal
CLI	Intel chip	Apple silicon	



License Agreement

Please read the following important information before continuing.



Please read the following License Agreement. You must accept the terms of this agreement before continuing with the installation.

This license applies to the Visual Studio Code product. Source Code for Visual Studio Code is available at <https://github.com/Microsoft/vscode> under the MIT license agreement at <https://github.com/microsoft/vscode/blob/main/LICENSE.txt>. Additional license information can be found in our FAQ at <https://code.visualstudio.com/docs/supporting/faq>.

MICROSOFT SOFTWARE LICENSE TERMS

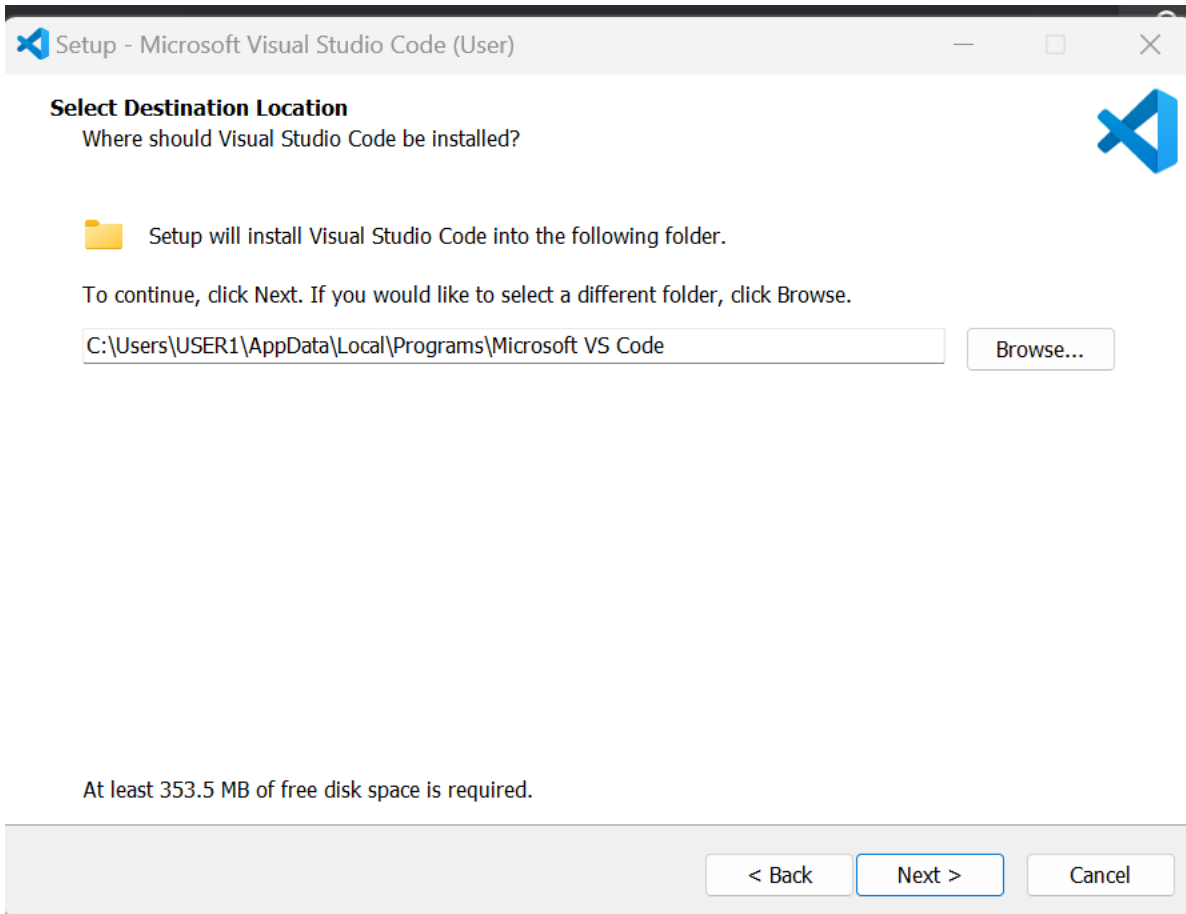
MICROSOFT VISUAL STUDIO CODE

These license terms are an agreement between you and Microsoft Corporation (or

- ☒ I accept the agreement
☐ I do not accept the agreement

Next >

Cancel





Setup - Microsoft Visual Studio Code (User)



Select Start Menu Folder

Where should Setup place the program's shortcuts?



Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

Visual Studio Code

Browse...

☐

Don't create a Start Menu folder

< Back

Next >

Cancel

Select Additional Tasks

Which additional tasks should be performed?



Select the additional tasks you would like Setup to perform while installing Visual Studio Code, then click Next.

Additional icons:

☐ Create a desktop icon

Other:

☐ Add "Open with Code" action to Windows Explorer file context menu

☐ Add "Open with Code" action to Windows Explorer directory context menu

☒ Register Code as an editor for supported file types

☒ Add to PATH (requires shell restart)

< Back

Next >

Cancel



Setup - Microsoft Visual Studio Code (User)



Ready to Install

Setup is now ready to begin installing Visual Studio Code on your computer.



Click Install to continue with the installation, or click Back if you want to review or change any settings.

Destination location:

C:\Users\USER1\AppData\Local\Programs\Microsoft VS Code

Start Menu folder:

Visual Studio Code

Additional tasks:

Other:

Register Code as an editor for supported file types

Add to PATH (requires shell restart)

< Back

Install

Cancel

 Setup - Microsoft Visual Studio Code (User)



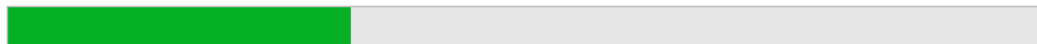
Installing

Please wait while Setup installs Visual Studio Code on your computer.



Extracting files...

C:\Users\USER1\AppData\Local\Programs\Microsoft VS Code\Code.exe



Cancel

Completing the Visual Studio Code Setup Wizard

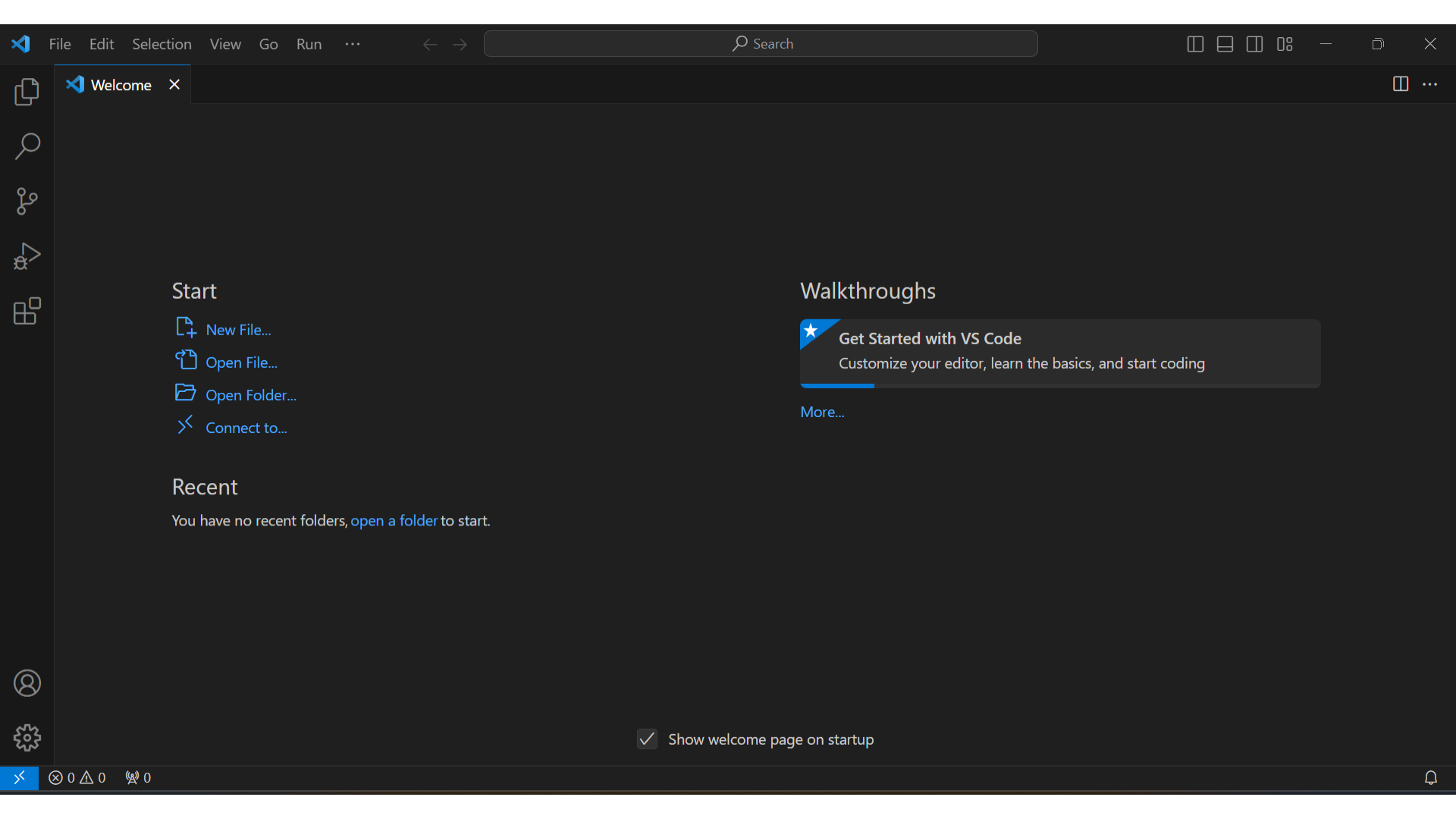
Setup has finished installing Visual Studio Code on your computer. The application may be launched by selecting the installed shortcuts.

Click Finish to exit Setup.



☒ Launch Visual Studio Code

Finish



Start

- New File...
- Open File...
- Open Folder...
- Connect to...

Recent

You have no recent folders, [open a folder](#) to start.

Walkthroughs

- Get Started with VS Code**
Customize your editor, learn the basics, and start coding

[More...](#)

☒ Show welcome page on startup

Laboratorio (Paso 2)

Instalar Git

<https://git-scm.com/downloads>

About

Documentation

Downloads

GUI Clients

Logos

Community

The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloads



macOS



Windows



Linux/Unix

Older releases are available and the [Git source repository](#) is on GitHub.



GUI Clients

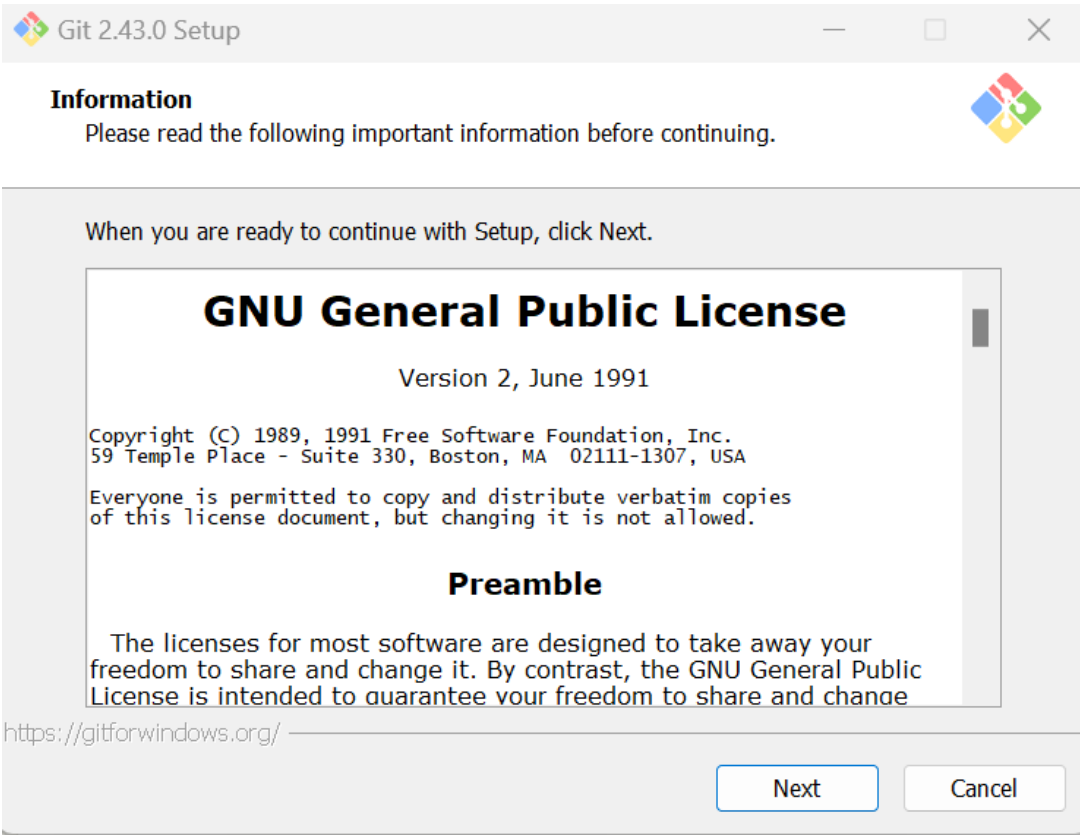
Git comes with built-in GUI tools (**git-gui**, **gitk**), but there are several third-party tools for users looking for a platform-specific experience.

[View GUI Clients →](#)

Logos

Various Git logos in PNG (bitmap) and EPS (vector) formats are available for use in online and print projects.

[View Logos →](#)



Information

Please read the following important information before continuing.

When you are ready to continue with Setup, click Next.

GNU General Public License

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change

<https://gitforwindows.org/>

Next

Cancel



Git 2.43.0 Setup



Select Destination Location

Where should Git be installed?



Setup will install Git into the following folder.

To continue, click Next. If you would like to select a different folder, click Browse.

C:\Program Files\Git

Browse...

At least 320.9 MB of free disk space is required.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Select Components

Which components should be installed?



Select the components you want to install; clear the components you do not want to install. Click Next when you are ready to continue.

- ☐ Additional icons
 - ☐ On the Desktop
- ☒ Windows Explorer integration
 - ☒ Open Git Bash here
 - ☒ Open Git GUI here
- ☒ Git LFS (Large File Support)
- ☒ Associate .git* configuration files with the default text editor
- ☒ Associate .sh files to be run with Bash
- ☐ Check daily for Git for Windows updates
- ☐ (NEW!) Add a Git Bash Profile to Windows Terminal

Current selection requires at least 320.8 MB of disk space.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Select Start Menu Folder

Where should Setup place the program's shortcuts?



Setup will create the program's shortcuts in the following Start Menu folder.

To continue, click Next. If you would like to select a different folder, click Browse.

Git

Browse...



Don't create a Start Menu folder

<https://gitforwindows.org/>

Back

Next

Cancel

Choosing the default editor used by Git

Which editor would you like Git to use?



- Use Vim (the ubiquitous text editor) as Git's default editor
- Use Vim (the ubiquitous text editor) as Git's default editor
- Use Notepad++ as Git's default editor
- Use Visual Studio Code as Git's default editor
- Use Visual Studio Code Insiders as Git's default editor
- Use Sublime Text as Git's default editor
- Use Atom as Git's default editor
- Use VSCode as Git's default editor
- Use Notepad as Git's default editor

to the EDITOR environment variable. The default editor is vim, but you may set it to some other editor of your choice.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Adjusting the name of the initial branch in new repositories

What would you like Git to name the initial branch after "git init"?



☒ Let Git decide

Let Git use its default branch name (currently: "master") for the initial branch in newly created repositories. The Git project [intends](#) to change this default to a more inclusive name in the near future.

☐ Override the default branch name for new repositories

NEW! Many teams already renamed their default branches; common choices are "main", "trunk" and "development". Specify the name "git init" should use for the initial branch:

This setting does not affect existing repositories.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Adjusting your PATH environment

How would you like to use Git from the command line?



☐ **Use Git from Git Bash only**

This is the most cautious choice as your PATH will not be modified at all. You will only be able to use the Git command line tools from Git Bash.

☒ **Git from the command line and also from 3rd-party software**

(Recommended) This option adds only some minimal Git wrappers to your PATH to avoid cluttering your environment with optional Unix tools. You will be able to use Git from Git Bash, the Command Prompt and the Windows PowerShell as well as any third-party software looking for Git in PATH.

☐ **Use Git and optional Unix tools from the Command Prompt**

Both Git and the optional Unix tools will be added to your PATH.

Warning: This will override Windows tools like "find" and "sort". Only use this option if you understand the implications.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Choosing the SSH executable

Which Secure Shell client program would you like Git to use?



☒ **Use bundled OpenSSH**

This uses ssh.exe that comes with Git.

☐ **Use external OpenSSH**

NEW! This uses an external ssh.exe. Git will not install its own OpenSSH (and related) binaries but use them as found on the PATH.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Choosing HTTPS transport backend

Which SSL/TLS library would you like Git to use for HTTPS connections?



Use the OpenSSL library

Server certificates will be validated using the ca-bundle.crt file.



Use the native Windows Secure Channel library

Server certificates will be validated using Windows Certificate Stores.
This option also allows you to use your company's internal Root CA certificates distributed e.g. via Active Directory Domain Services.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Configuring the line ending conversions

How should Git treat line endings in text files?



☒ **Checkout Windows-style, commit Unix-style line endings**

Git will convert LF to CRLF when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Windows ("core.autocrlf" is set to "true").

☐ **Checkout as-is, commit Unix-style line endings**

Git will not perform any conversion when checking out text files. When committing text files, CRLF will be converted to LF. For cross-platform projects, this is the recommended setting on Unix ("core.autocrlf" is set to "input").

☐ **Checkout as-is, commit as-is**

Git will not perform any conversions when checking out or committing text files. Choosing this option is not recommended for cross-platform projects ("core.autocrlf" is set to "false").

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Choose the default behavior of `git pull`

What should `git pull` do by default?



☒ **Fast-forward or merge**

Fast-forward the current branch to the fetched branch when possible, otherwise create a merge commit.

☐ **Rebase**

Rebase the current branch onto the fetched branch. If there are no local commits to rebase, this is equivalent to a fast-forward.

☐ **Only ever fast-forward**

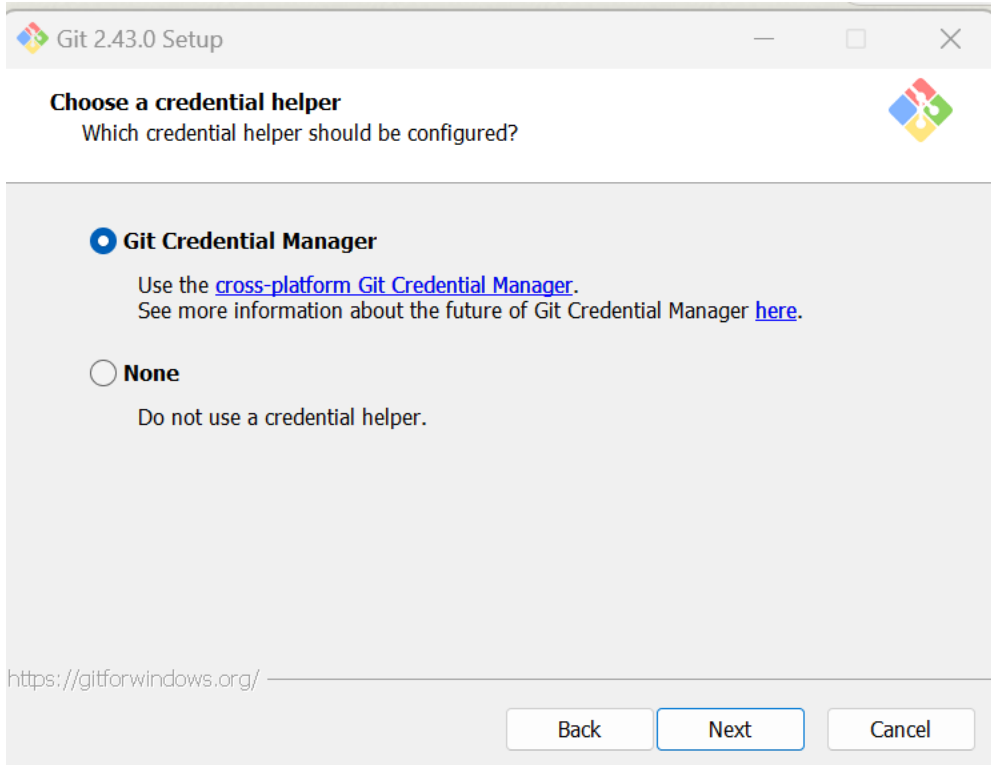
Fast-forward to the fetched branch. Fail if that is not possible. This is the standard behavior of `git pull`.

<https://gitforwindows.org/>

Back

Next

Cancel





Git 2.43.0 Setup



Configuring extra options

Which features would you like to enable?



☒ **Enable file system caching**

File system data will be read in bulk and cached in memory for certain operations ("core.fscache" is set to "true"). This provides a significant performance boost.

☐ **Enable symbolic links**

Enable [symbolic links](#) (requires the SeCreateSymbolicLink permission). Please note that existing repositories are unaffected by this setting.

<https://gitforwindows.org/>

Back

Next

Cancel



Git 2.43.0 Setup



Configuring experimental options

These features are developed actively. Would you like to try them?



☐ **Enable experimental support for pseudo consoles.**

This allows running native console programs like Node or Python in a Git Bash window without using winpty, but is unfortunately not quite stable yet.

☐ **Enable experimental built-in file system monitor**

(NEW!) Automatically run a [built-in file system watcher](#), to speed up common operations such as ``git status``, ``git add``, ``git commit``, etc in worktrees containing many files.

<https://gitforwindows.org/>

Back

Install

Cancel



Git 2.43.0 Setup

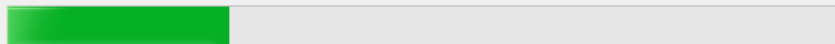


Installing

Please wait while Setup installs Git on your computer.



Extracting files...



<https://gitforwindows.org/>

Cancel



Git 2.43.0 Setup

Completing the Git Setup Wizard

Setup has finished installing Git on your computer. The application may be launched by selecting the installed shortcuts.

Click Finish to exit Setup.



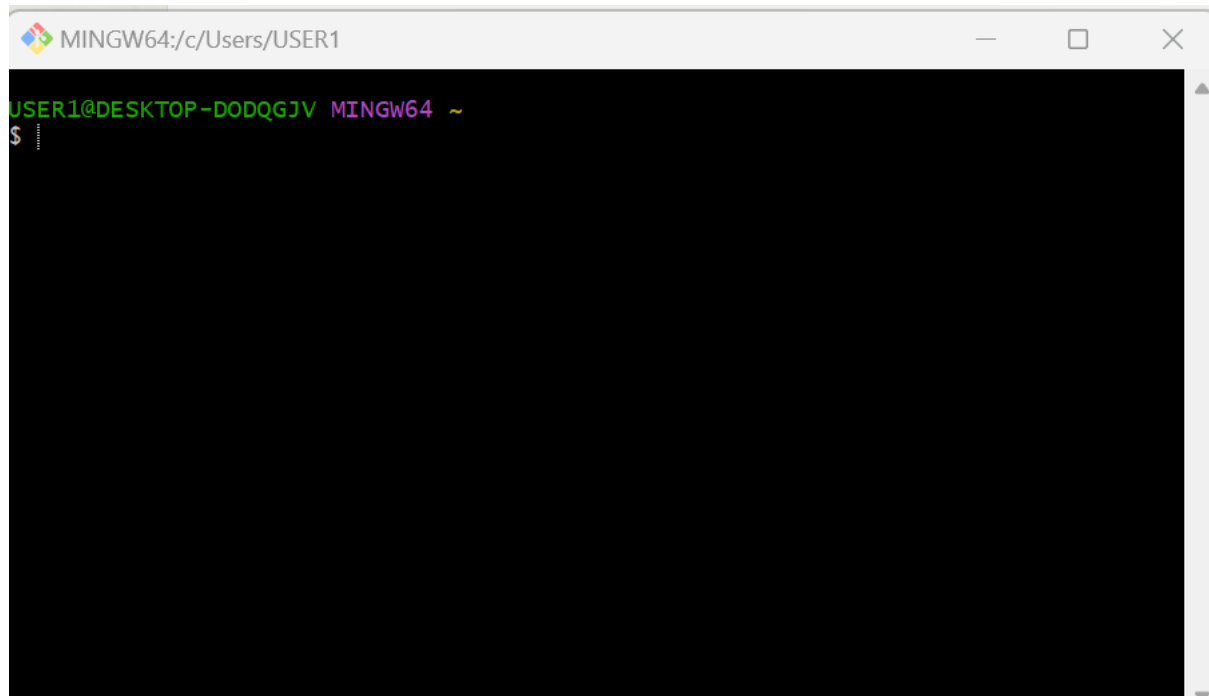
Launch Git Bash



View Release Notes



Finish

A screenshot of a MINGW64 terminal window. The title bar at the top shows the MINGW64 logo, the path 'MINGW64:/c/Users/USER1', and standard window controls (minimize, maximize, close). The terminal area has a black background. The prompt 'USER1@DESKTOP-DODQGJV MINGW64 ~' is displayed in green and purple text. Below the prompt, a white dollar sign '\$' indicates the command prompt, followed by a vertical ellipsis '...' and a cursor. The terminal window has a vertical scrollbar on the right side.

```
USER1@DESKTOP-DODQGJV MINGW64 ~  
$  
.....
```

git bash



All

Work

Apps

Documents

Web

Settings

Peo



Boston
Scientific



Best match



Git Bash

App

Search work and web

- git bash - See work and web results >
- git bash download >
- git bash windows >
- git bash commands >
- git bash terminal >
- git bash login >
- git bash windows 11 >



Git Bash

App

- Open
- Run as administrator
- Open file location
- Pin to Start
- Pin to taskbar
- Uninstall



Laboratorio

Paso 3

Crear un repositorio en Github con las siguientes instrucciones:


- **Nombre: sc_302_documentacion**
- **Agregar una descripción**
- **Repositorio público**
- **Crear archivo Readme**
- **En la licencia agregar la opción MIT**

Laboratorio(paso 3)

 Dashboard


Top Repositories


Find a repository...


 hamores/prueba1


Recent activity


When you take actions across GitHub, we'll provide links to that activity here.



 **Laboratorio1** PublicPinUnwatch 1

 main


 1 branch


 0 tags

[Go to file](#)


[Add file](#)

[Code](#)


 hamores Initial commit ef417f4 now 1 commit

 LICENSE

Initial commit now

 README.md

Initial commit now

README.md

Laboratorio1

estamos creando un repositorio para pruebas

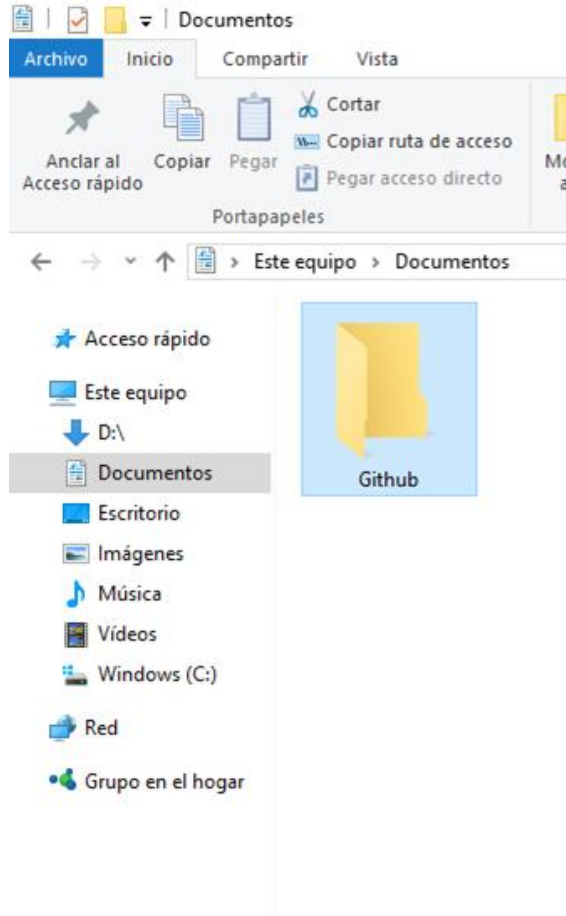
Laboratorio

Paso 4

Hacer una copia del repositorio en mi computadora

Laboratorio(paso 4)

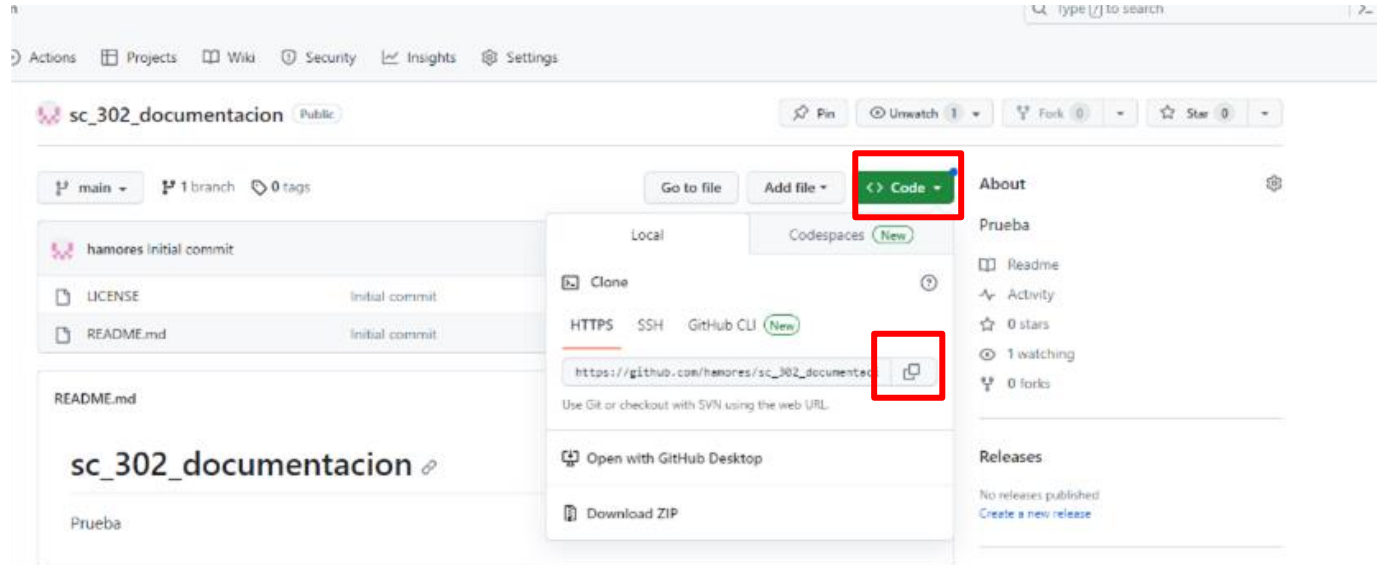
1. Crear un directorio para Git



Laboratorio(paso 4)

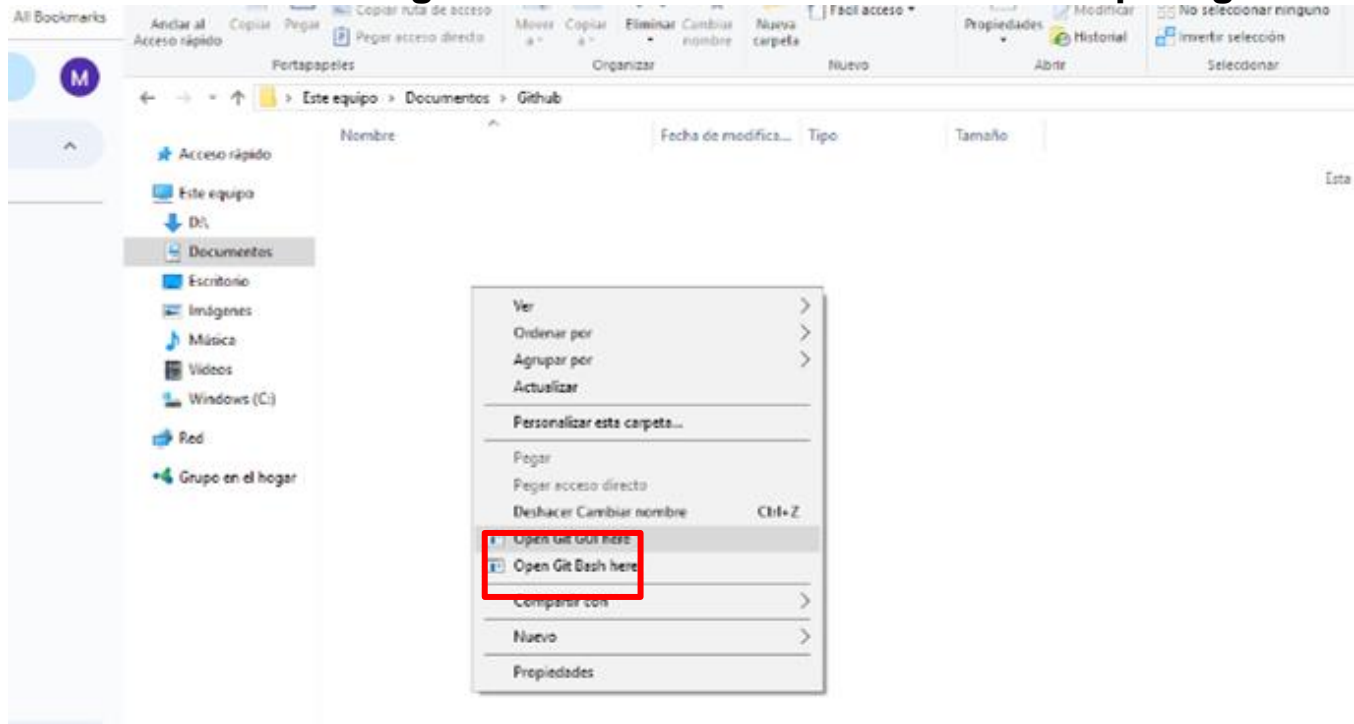
2. Clonar el repositorio al directorio que acabo de crear

a. Seleccionar en Github “clone” y copiar el link del repositorio



Laboratorio(paso 4)

b. Abrir la herramienta git bash dentro del directorio creado para git



MINGW64:/c/Users/rodol/Documents/Github



rodol@LAPTOP-HSRJA3D4 MINGW64 ~/Documents/Github

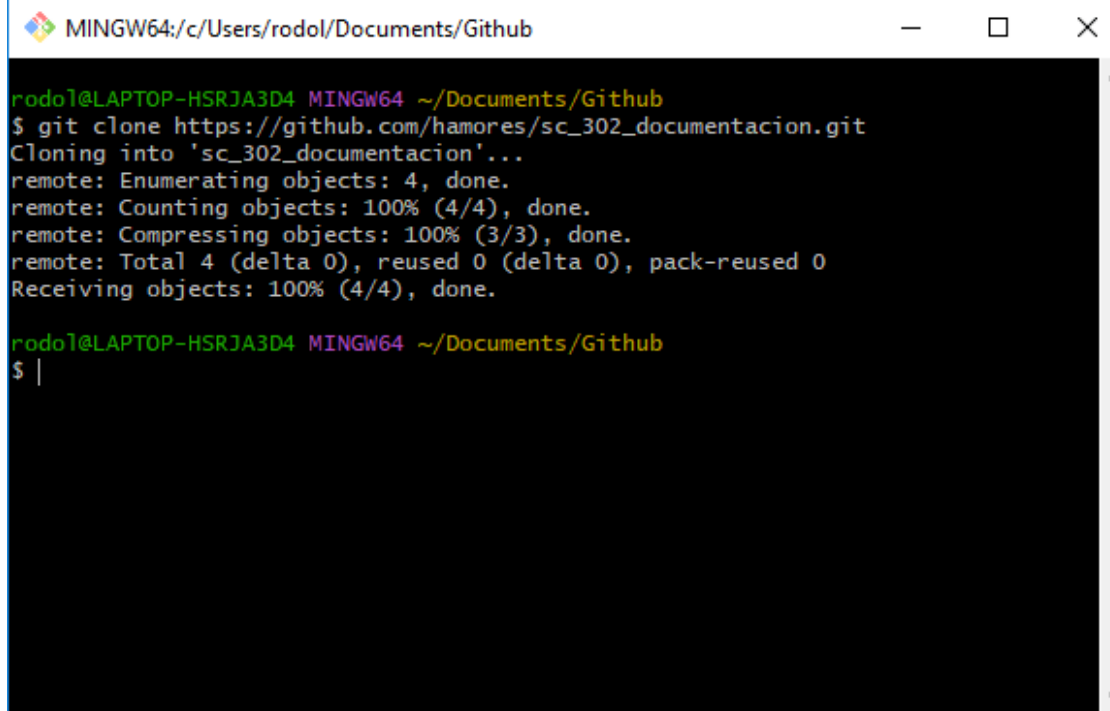
\$ |

Laboratorio(paso 4)

C. utilizar el comando:
git clone

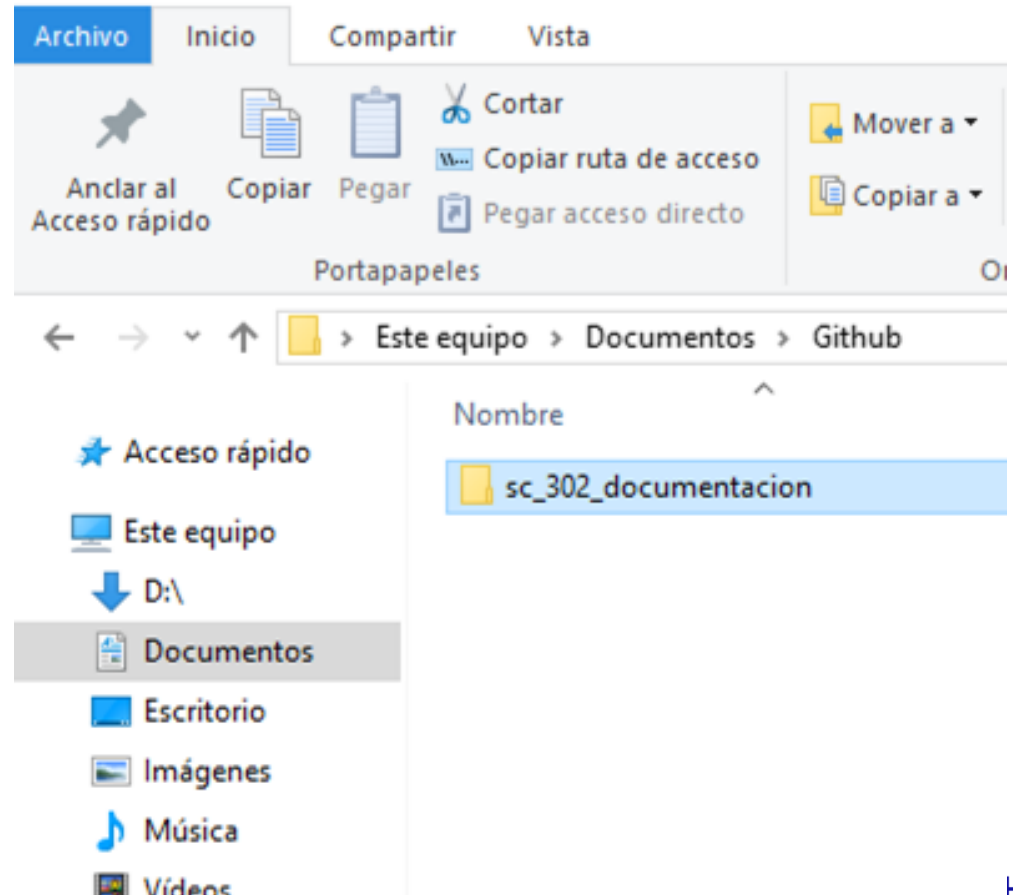
+

*link que acabamos
de copiar*

A screenshot of a terminal window titled 'MINGW64:/c/Users/rodol/Documents/Github'. The terminal shows the command 'git clone https://github.com/hamores/sc_302_documentacion.git' being executed. The output shows the cloning process: 'Cloning into 'sc_302_documentacion'...', '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', and 'Receiving objects: 100% (4/4), done.'. The prompt returns to '\$ |'.

Laboratorio(paso 4)

d. Verificamos que fue creada
La carpeta en nuestro directorio



Laboratorio

Paso 5

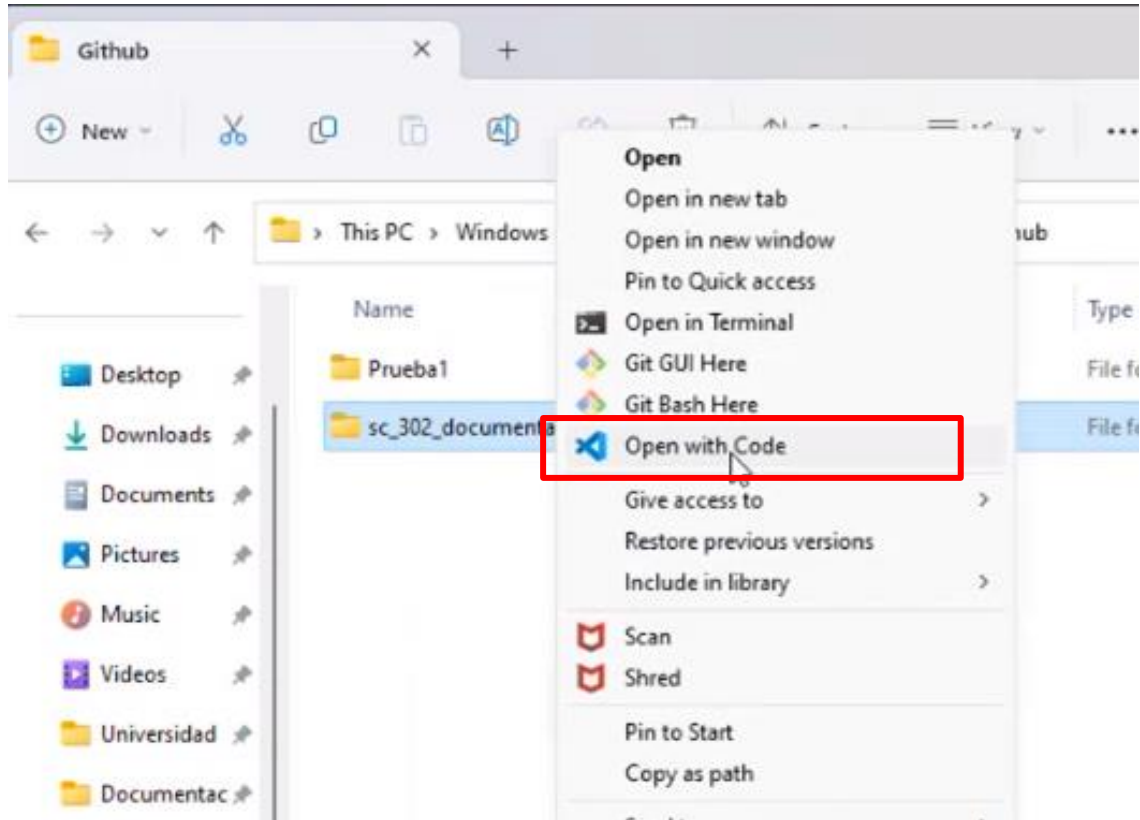
Crear un nuevo archivo y editar con el siguiente texto:

- Nombre del archivo: `mi_archivo`
- `Console.log('hola mundo')`
- Extensión del archivo: `.js`

`mi_archivo.js`

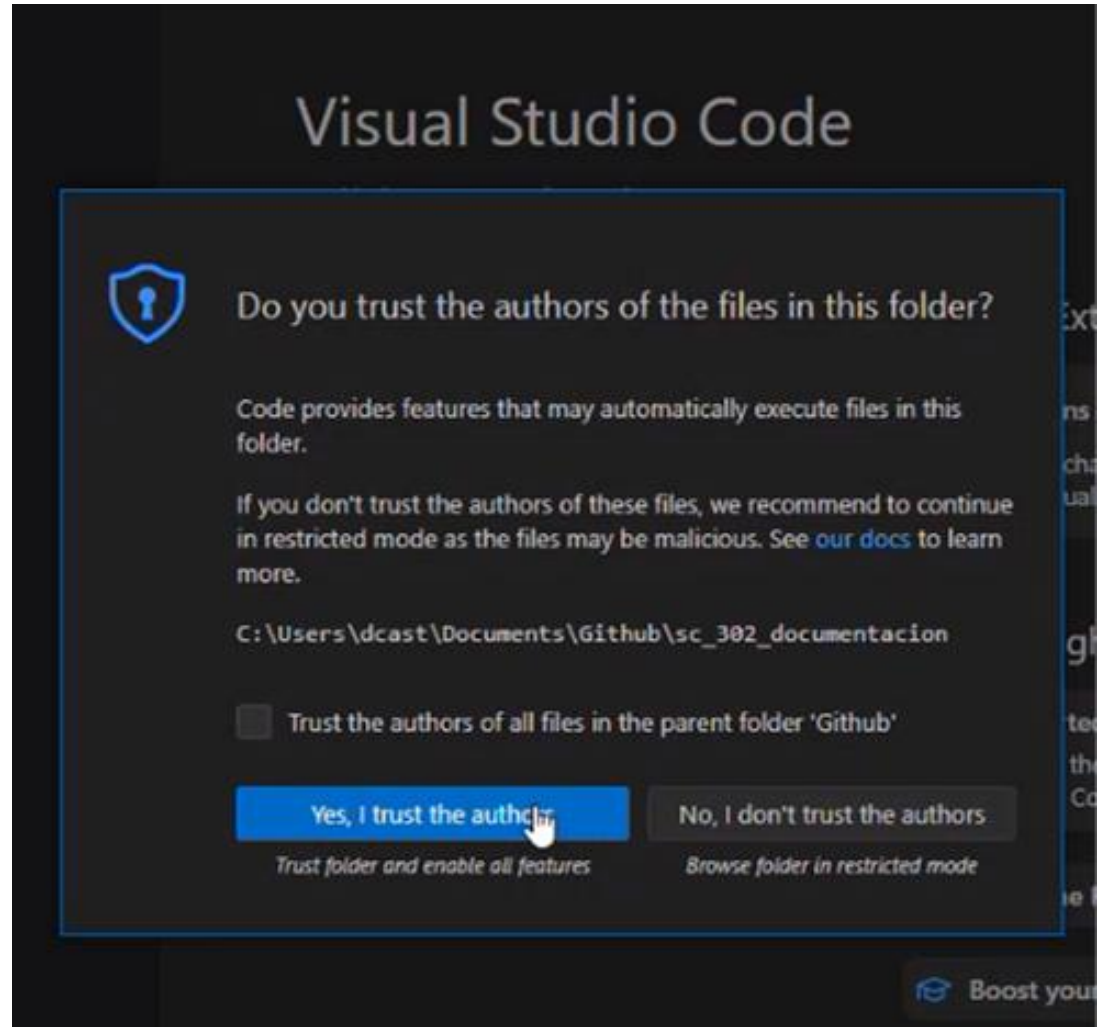
Laboratorio(paso 5)

- a. Sobre la carpeta del repositorio que acabamos de copiar seleccionamos “Open with Code”



Laboratorio(paso 5)

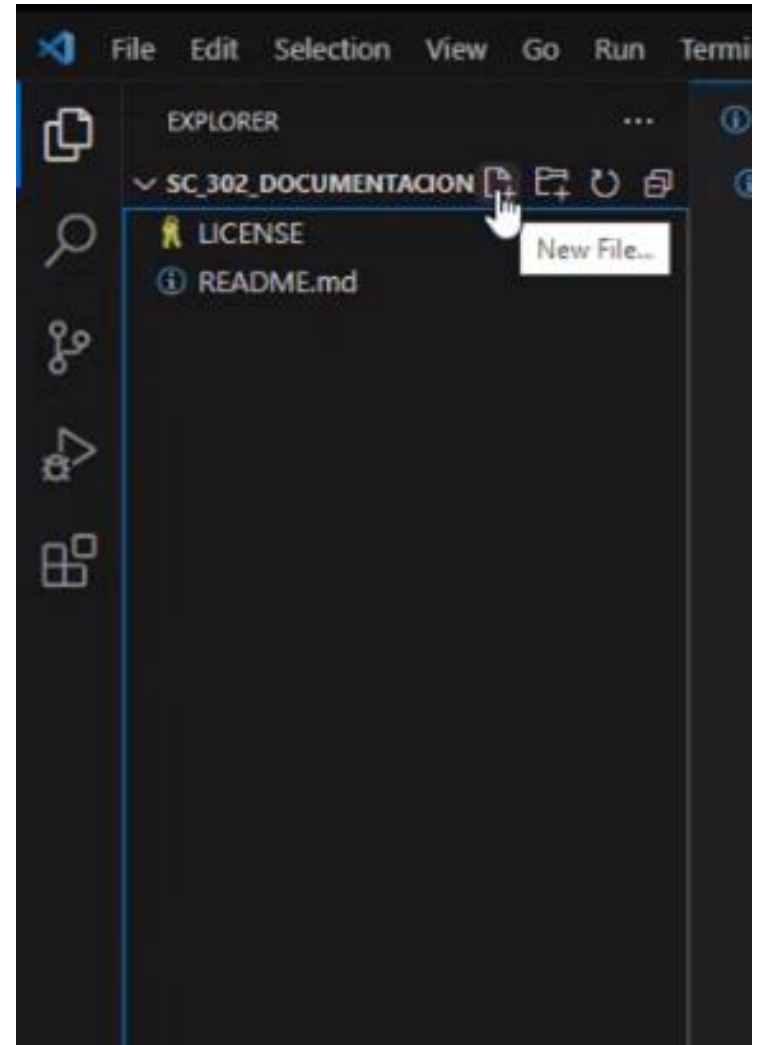
b. Seleccionamos la opción:
“Yes, I trust the author”



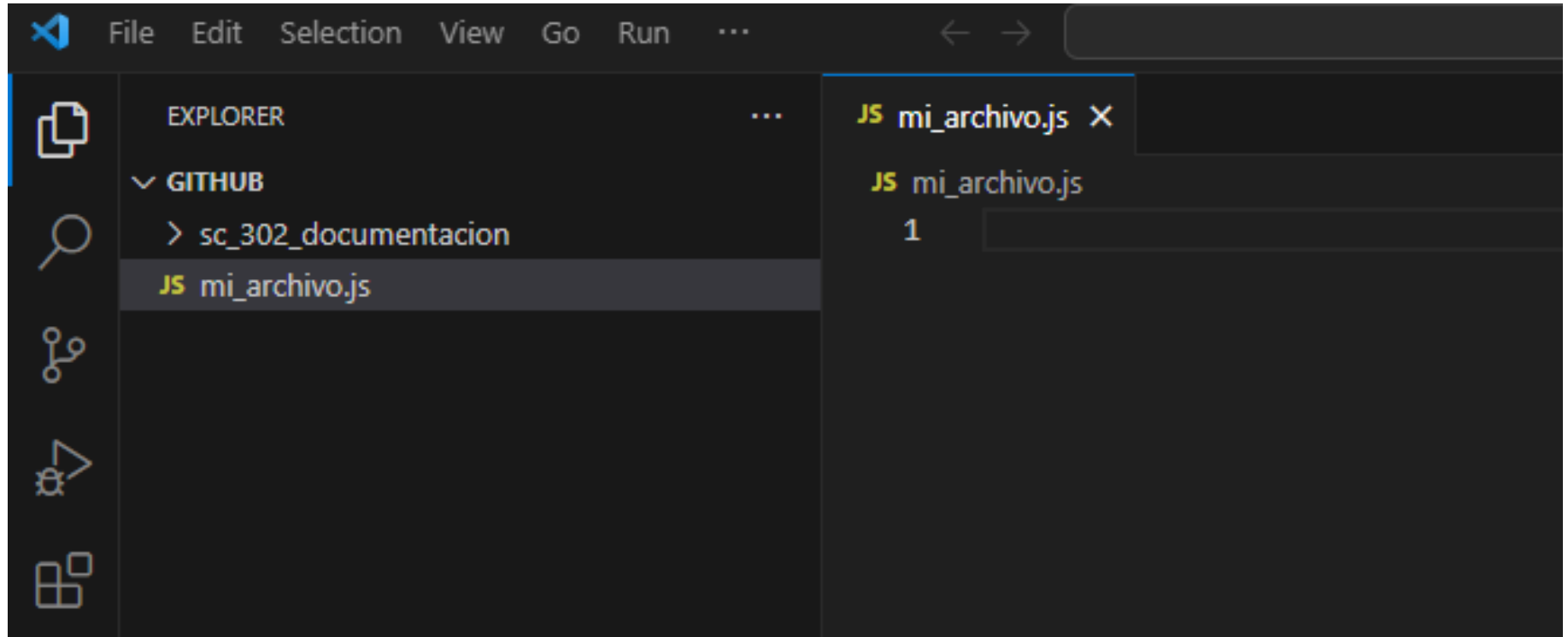
Laboratorio(paso 5)

c. Crear el nuevo archivo con el nombre:

mi-archivo.js



Laboratorio(paso 5)



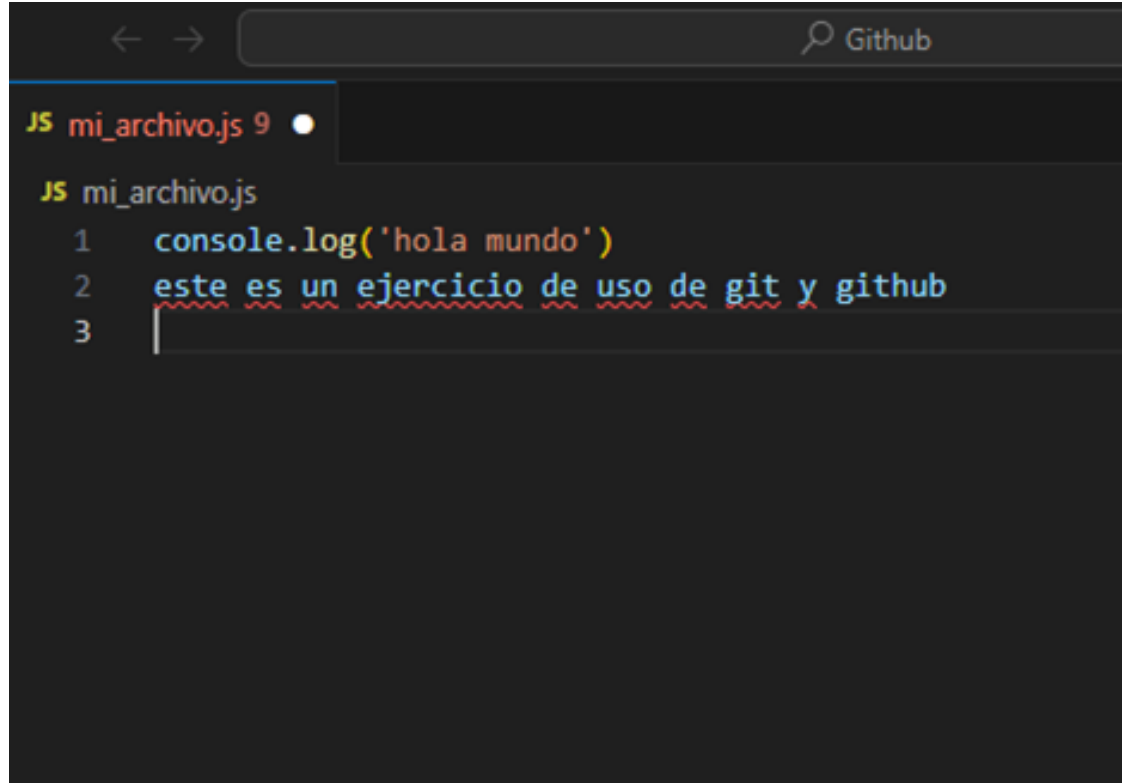
Laboratorio(paso 5)

d. Editamos el archivo:

```
console.log('hola mundo')
```

Este es un ejercicio de uso de git y github

e. Guardamos el cambio en el archivo.



```
JS mi_archivo.js 9 ●  
JS mi_archivo.js  
1 console.log('hola mundo')  
2 este es un ejercicio de uso de git y github  
3
```

Laboratorio

Paso 6

Abrir una terminal git bash en Visual Studio Code

on View Go Run **Terminal** Help

...

① README.md X

JS mi-archivo.js U X

ENTACION

JS mi-archivo.js

1 console.log('Hola mundo');

U

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

powershell

Windows PowerShell
Copyright (C) 2016 Microsoft Corporation. Todos los derechos reservados.

PS C:\Users\nadol\Documents\Github>

PowerShell

Git Bash

Command Prompt

JavaScript Debug Terminal

Split Terminal

Configure Terminal Settings

Select Default Profile

Run Task...

Configure Tasks...

Ln 2, Col 1 Spaces: 4 UTF-8 CRLF () JavaScript

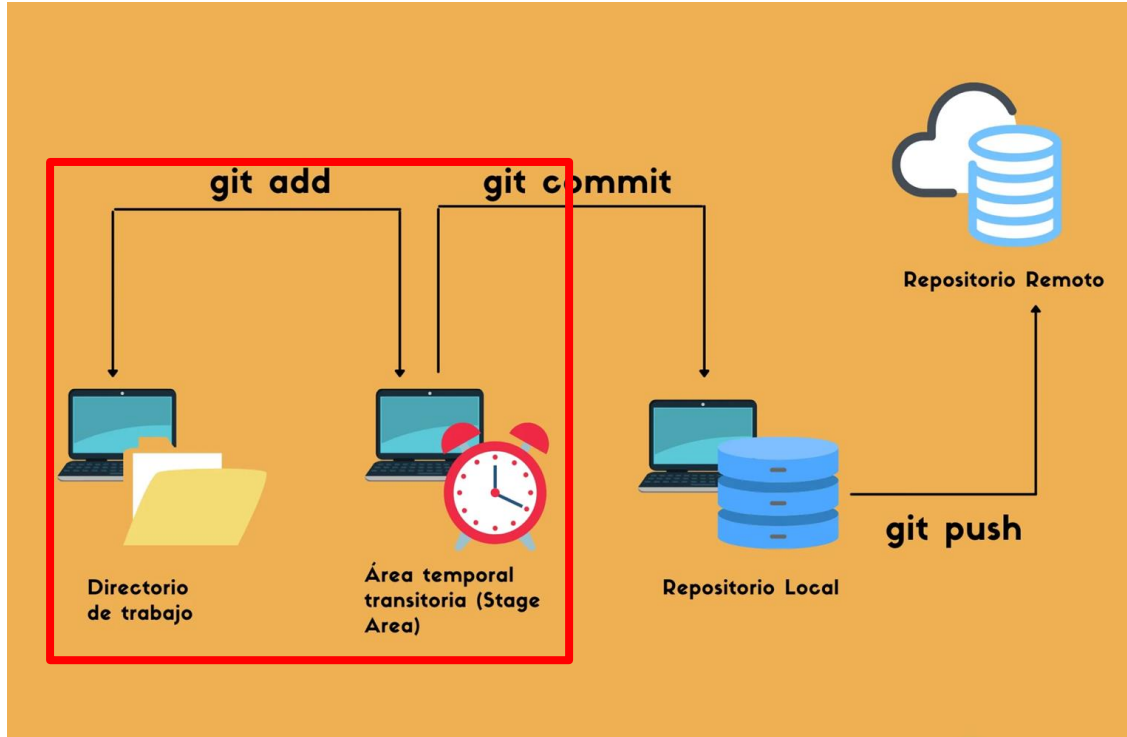
17:31
21/09/2023

Laboratorio

Paso 7

Agregar el archivo al stating area con el comando
Add

Términos importantes(cont)



Laboratorio(paso 7)

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

PORTS

```
sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)  
$ git add mi-archivo.js
```

```
sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)  
$ █
```

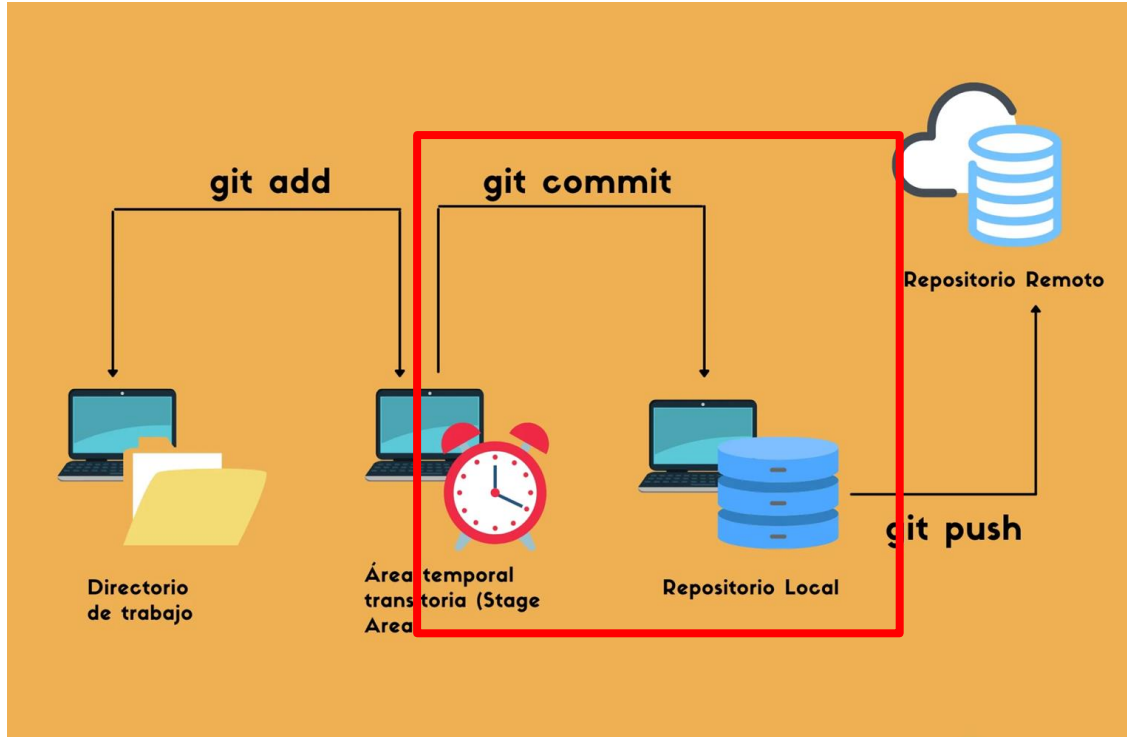
Laboratorio

Paso 8

Aplicar los cambios al repositorio local con el comando Commit

`git commit -m "mensaje sobre el cambio a realizar"`

Términos importantes(cont)



Laboratorio(paso 8)

```
sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)
$ git commit -m "Este es un nuevo cambio aplicado"
[main e2097a3] Este es un nuevo cambio aplicado
 1 file changed, 1 insertion(+)
 create mode 100644 mi-archivo.js

sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)
$ █
```


Git push

Run

```
git config --global user.email "you@example.com"  
git config --global user.name "Your Name"
```

to set your account's default identity.

Omit --global to set the identity only in this repository.

fatal: unable to auto-detect email address (got 'Dell Core 17@DESKTOP-CBB8U')

Dell Core 17@DESKTOP-CBB8UEC MINGW64 ~/Documents/Github/sc_302_documentacion
\$ █

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 Ecosystem](#)

wants to access your hamores1 account



Gists

Read and write access



Repositories

Public and private



Workflow

Update GitHub Action Workflow files.



Cancel

Authorize git-ecosystem

Authorizing will redirect to

<http://127.0.0.1:50014>

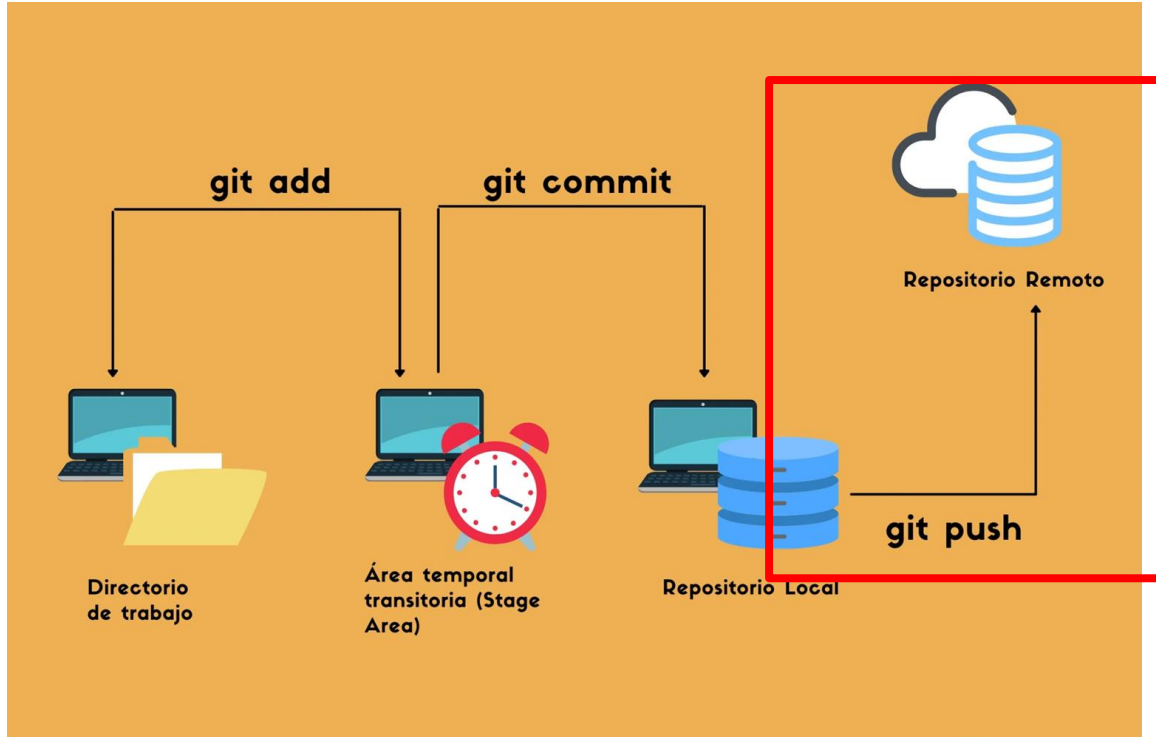
Laboratorio

Paso 9

Subir los cambios al repositorio en la nube con el comando push

`git push`

Términos importantes(cont)



Laboratorio(paso 9)

```
sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)
$ git push
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 4 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 354 bytes | 354.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/hamores/sc_302_documentacion.git
    1cdd543..e2097a3  main -> main

sviten@DESKTOP-0I8PMOA MINGW64 ~/Documents/Github/sc_302_documentacion (main)
$ █
```

Laboratorio

Paso 10

Confirmar que el archivo aparece en el repositorio de Github, y con el texto con que fue editado.

Laboratorio(paso 10)



sc_302_documentacion

Public



Pin



Unwatch

1



main



1 branch



0 tags

Go to file

Add file

<> Code

Margoth Este es un nuevo cambio aplicado

e2097a3 8 minutes ago

2 commits



LICENSE

Initial commit

5 days ago



README.md

Initial commit

5 days ago



mi-archivo.js

Este es un nuevo cambio aplicado

8 minutes ago

Otros comandos de Git

<https://cs.fyi/guide/git-cheatsheet>

```
Reply from 192.168.1.1: bytes=32 time=5ms TTL=100
Reply from 192.168.1.1: bytes=32 time=387ms TTL=100
Reply from 192.168.1.1: bytes=32 time=2ms TTL=100
Reply from 192.168.1.1: bytes=32 time=2ms TTL=100
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=108ms TTL=100
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=2ms TTL=100
Request timed out.
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Request timed out.
Reply from 192.168.1.1: bytes=32 time=5ms TTL=100
Reply from 192.168.1.1: bytes=32 time=3ms TTL=100
Reply from 192.168.1.1: bytes=32 time=324ms TTL=100
Reply from 192.168.1.1: bytes=32 time=2ms TTL=100
Request timed out.
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
Reply from 192.168.1.1: bytes=32 time=5ms TTL=100
Reply from 192.168.1.1: bytes=32 time=2ms TTL=100
Request timed out.
Reply from 192.168.1.1: bytes=32 time=1ms TTL=100
```

Github Desktop





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

Configure Git

This is used to identify the commits you create. Anyone will be able to see this information if you publish commits.

- ☒ Use my GitHub account name and email address
☐ Configure manually

Name

hamores

Email

144949481+hamores@users.noreply.github.com

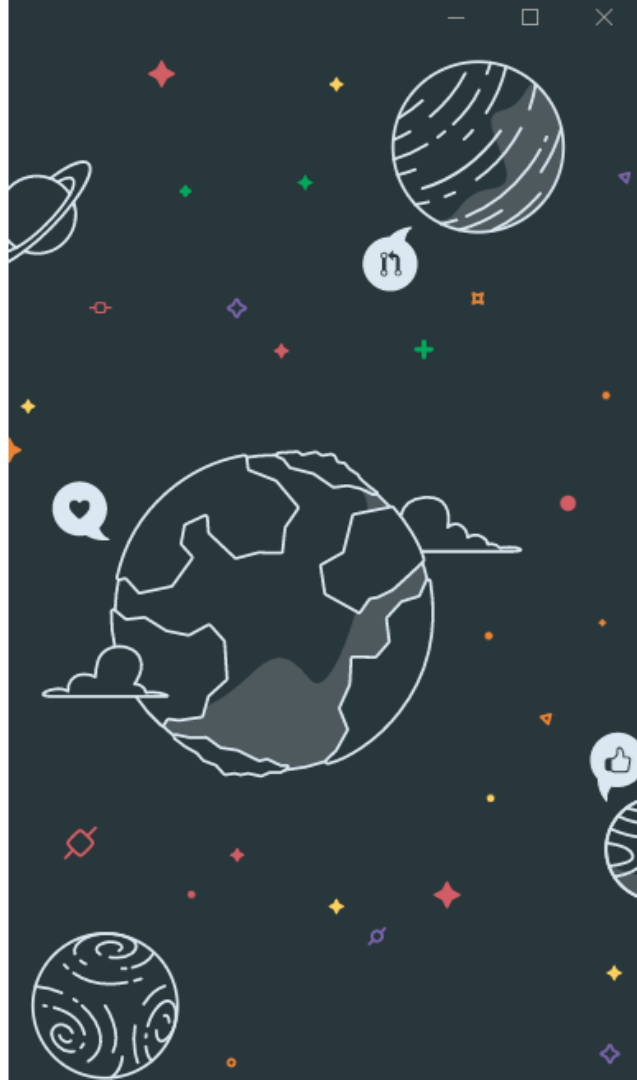
Finish

Cancel

Example commit

Fix all the things

 hamores • 30 minutes ago



Let's get started!

Add a repository to GitHub Desktop to start collaborating



Create a tutorial repository...



Clone a repository from the Internet...



Create a New Repository on your hard drive...



Add an Existing Repository from your hard drive...



ProTip! You can drag & drop an existing repository folder here to add it to Desktop



Your repositories



hamores/Laboratorio1



hamores/Nuevo



hamores/prueba1



hamores/sc_302_documentacion



No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.



Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or **Ctrl** + **Shift** + **A**

Open in Visual Studio Code

View the files of your repository in Explorer

Repository menu or **Ctrl** + **Shift** + **F**

Show in Explorer

Open the repository page on GitHub in your browser

Repository menu or **Ctrl** + **Shift** + **G**

View on GitHub

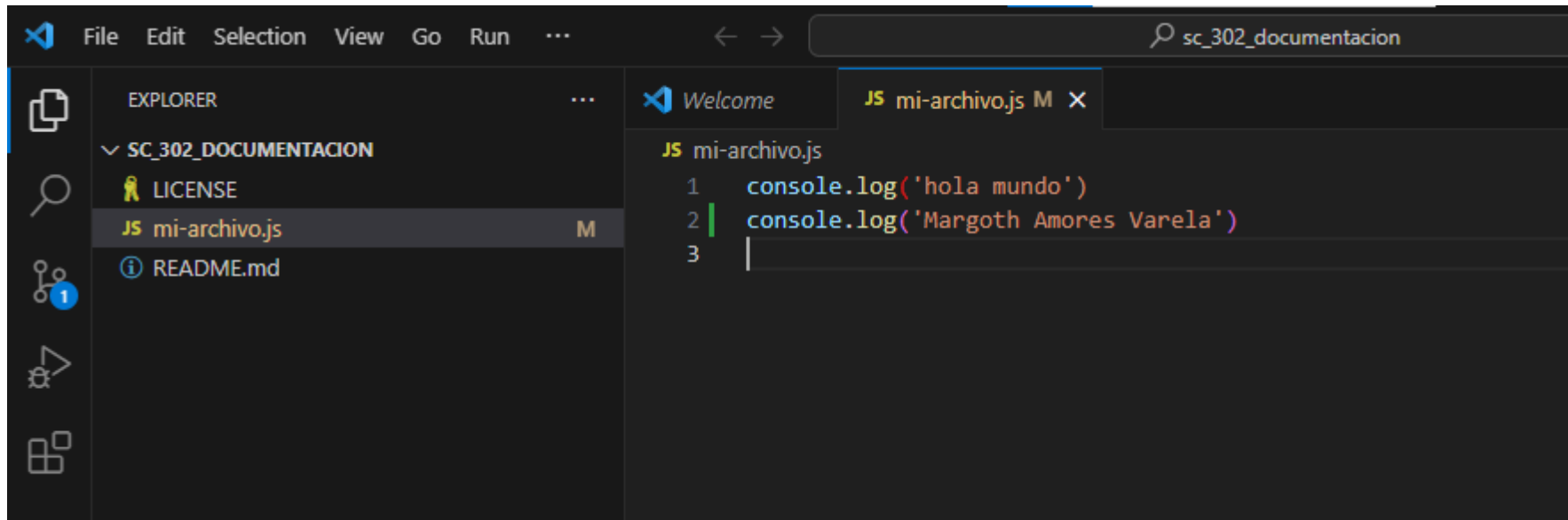


Summary (required)

Description



Commit to main



Changes 1

History

☒

1 changed file

☒

mi-archivo.js

mi-archivo.js

@@ -1 +1,2 @@


1

1


console.log('hola mundo')

2

+console.log('Margoth Amores Varela')

 Update mi-archivo.js

Description

+

Commit to main



Mensaje del commit



archivo.js

DME.md

Changes

History



0 changed files

No local changes

There are no uncommitted changes in this repository. Here are some friendly suggestions for what to do next.



Push commits to the origin remote

You have 1 local commit waiting to be pushed to GitHub.

Always available in the toolbar when there are local commits waiting to be pushed or

Ctrl + P

[Push origin](#)

Open the repository in your external editor

Select your editor in [Options](#)

Repository menu or Ctrl + Shift + A

[Open in Visual Studio Code](#)

View the files of your repository in Explorer

Repository menu or Ctrl + Shift + F

[Show in Explorer](#)

Open the repository page on GitHub in your browser

Repository menu or Ctrl + Shift + G

[View on GitHub](#)

Summary (required)

Description

[Commit to main](#)

Committed 1 minute ago

Update mi-archivo.js

[Undo](#)

Commit

Update mi-archivo.js

Browse files

main

hamores committed 5 minutes ago

1 parent e2097a3 commit a61edfb

Showing 1 changed file with 1 addition and 0 deletions.

Split

Unified

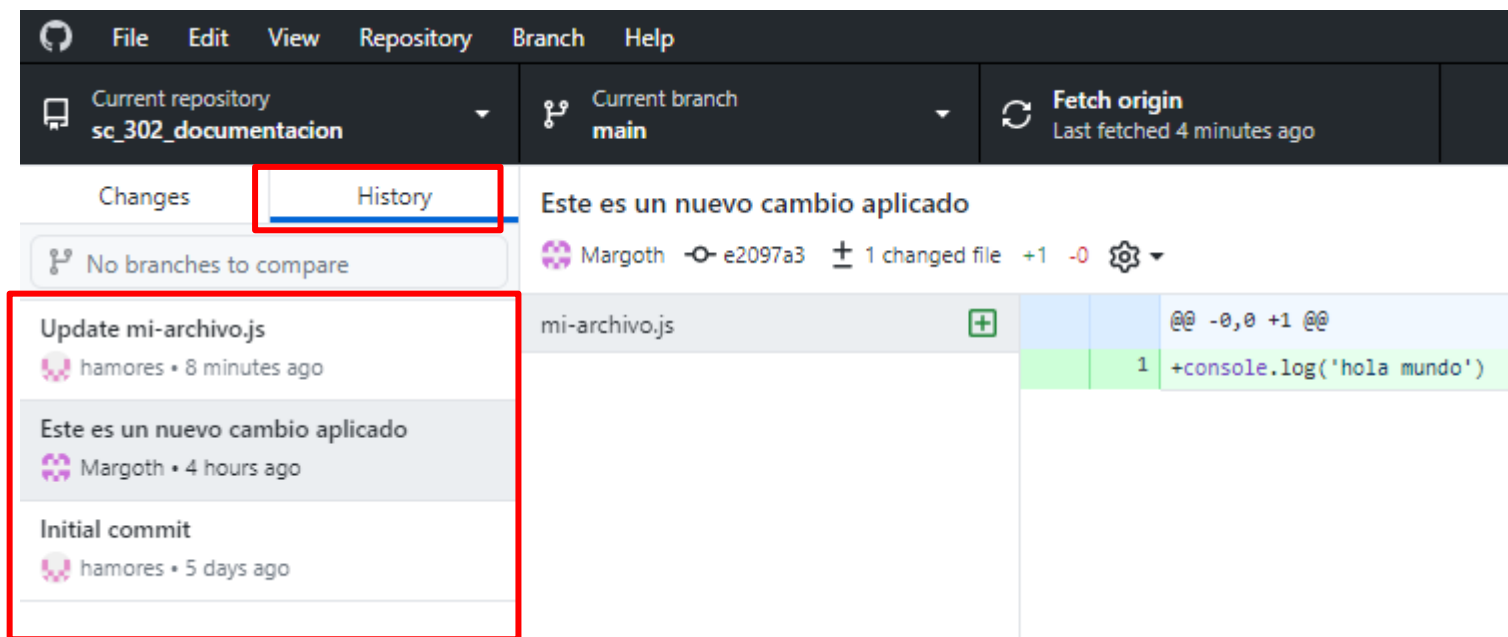
1 mi-archivo.js

@@ -1 +1,2 @@

1 console.log('hola mundo')

2 + console.log('Margothe Amores Varela')

Ver historial en Github Desktop

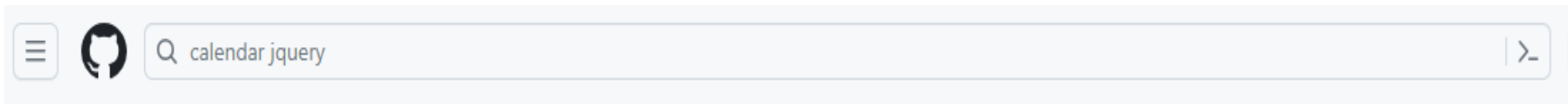


Buscar repositorios en Github



Ejemplo

Buscar un calendario de **jquery** para integrarlo en un página web que está desarrollando.



Repositorios en tendencia:

<https://github.com/trending>

1.6k results (271 ms)

Sort by: Best match ▾

🔖 Save



[jonthornton/jquery-timepicker](#)



Star

A javascript timepicker plugin for jQuery inspired by Google Calendar.



JavaScript ·



1.9k ·

Updated on 23 ago



[kylestetz/CLNDR](#)



Star

:calendar: a jQuery calendar plugin that uses HTML templates

jquery-plugin

calendar



JavaScript ·



2.8k

Updated on 28 feb

Buscar ayuda en github




Ejemplo

Buscar un proyecto que se llama “fullcalendar”

2.5k results (188 ms)

Sort by: Best match ▾Save...

 **fullcalendar/fullcalendar**

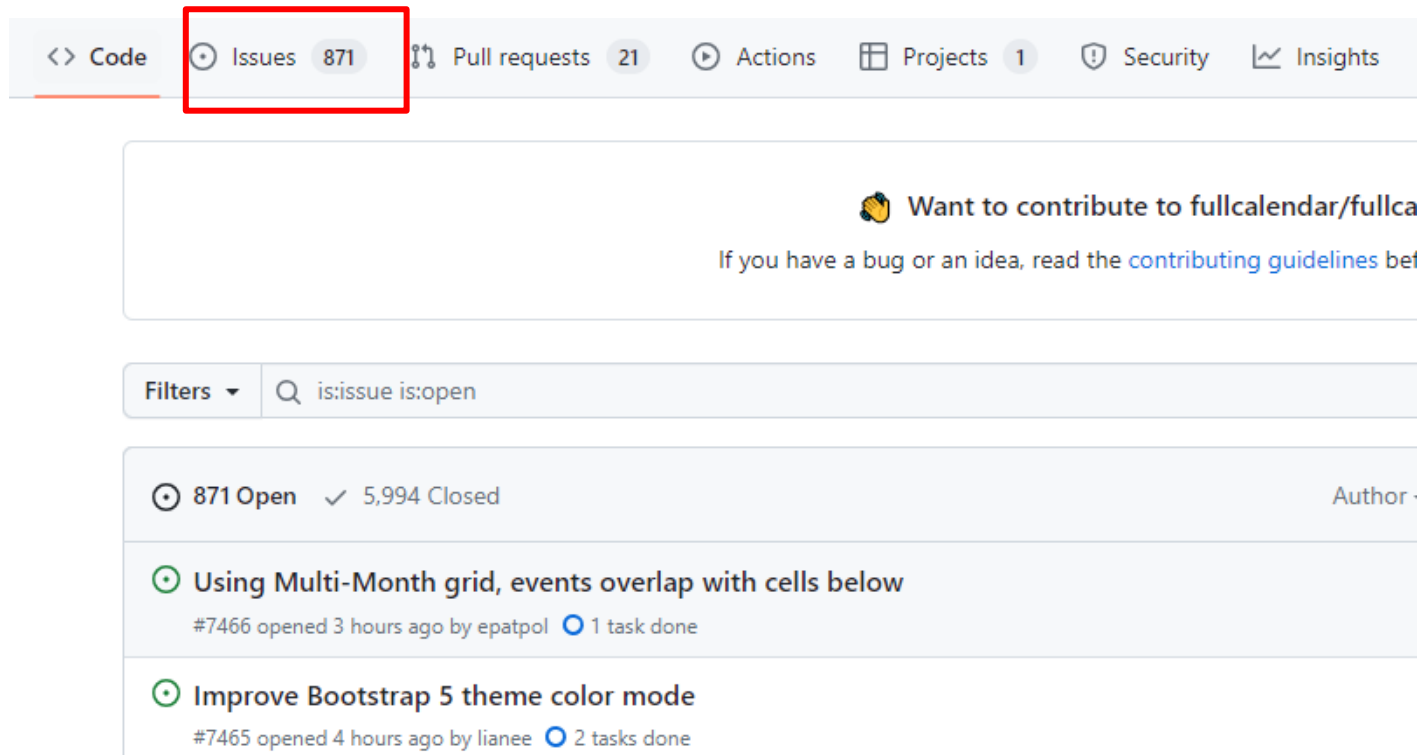
Full-sized drag & drop event calendar in JavaScript

calendar event full-sized


TypeScript · ☆ 17k · Updated 5 days ago

☆ Star♡ Sponsor

Abrir el repositorio y seleccionar “issues”:







<> Code **Issues 871** Pull requests 21 Actions Projects 1 Security Insights

 Want to contribute to fullcalendar/fullca
If you have a bug or an idea, read the [contributing guidelines](#) before

Filters

871 Open ✓ 5,994 Closed Author ·

 Using Multi-Month grid, events overlap with cells below
#7466 opened 3 hours ago by epatpol  1 task done

 Improve Bootstrap 5 theme color mode
#7465 opened 4 hours ago by lianee  2 tasks done

Entregable



Entregable

Un archivo .pdf con el link al repositorio creado por el estudiante.

Ejemplo:

https://github.com/hamores/sc_302_documentacion

Nomenclatura del archivo:

SC_302_MN_LAB_Gihub_Nombre_Apellido1

Gracias!