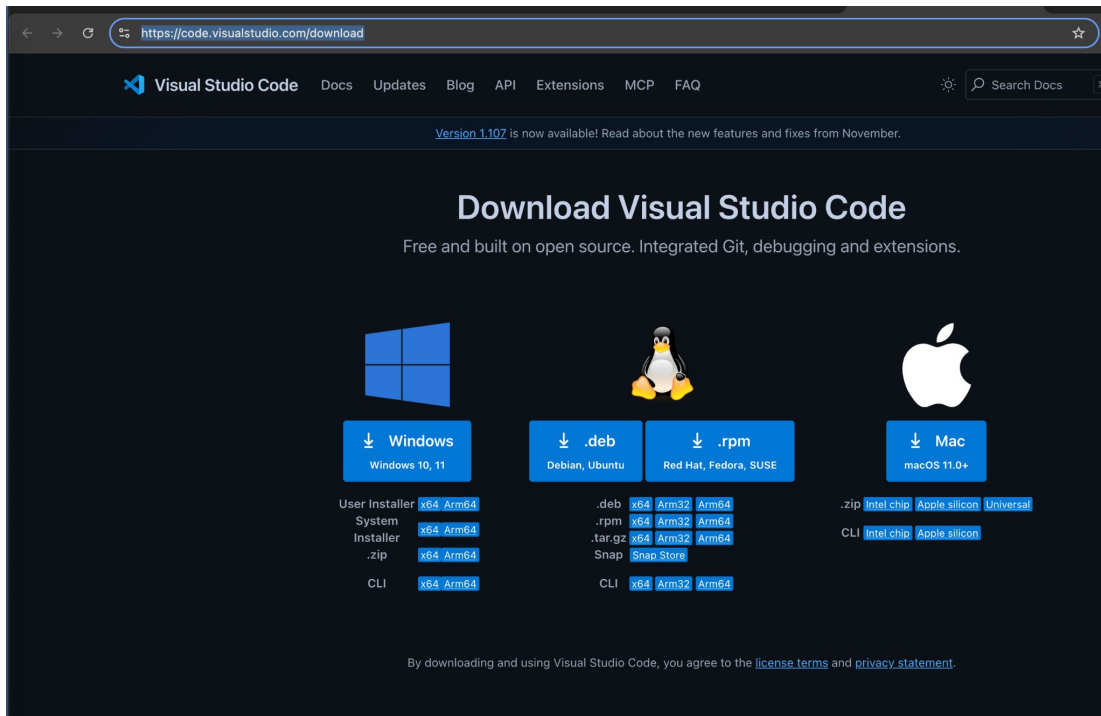


Descargar VSC

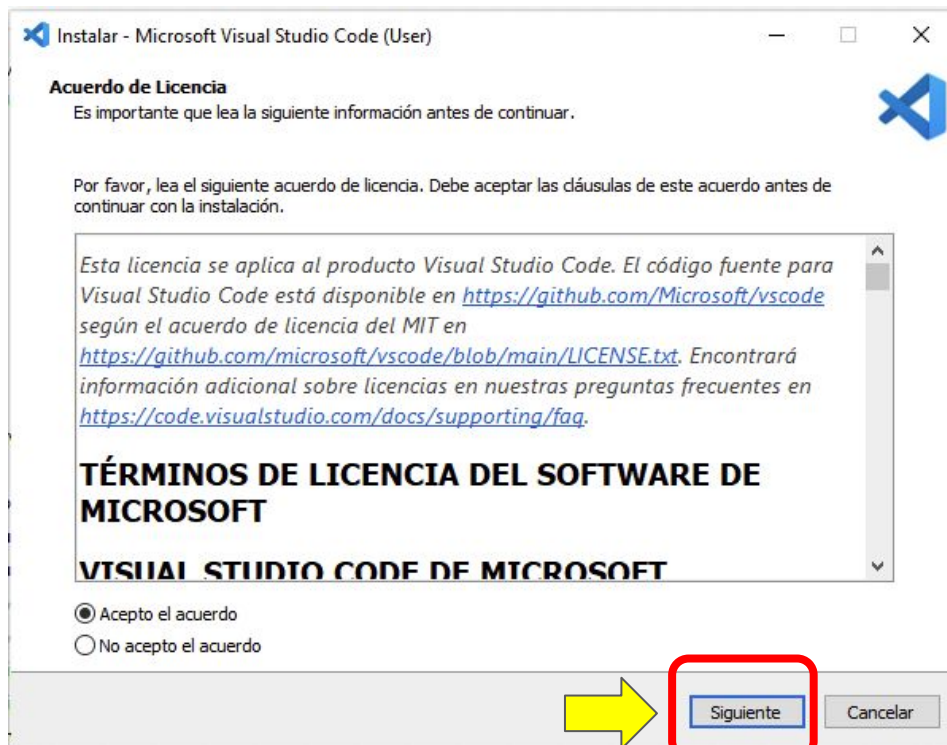


Resumen:

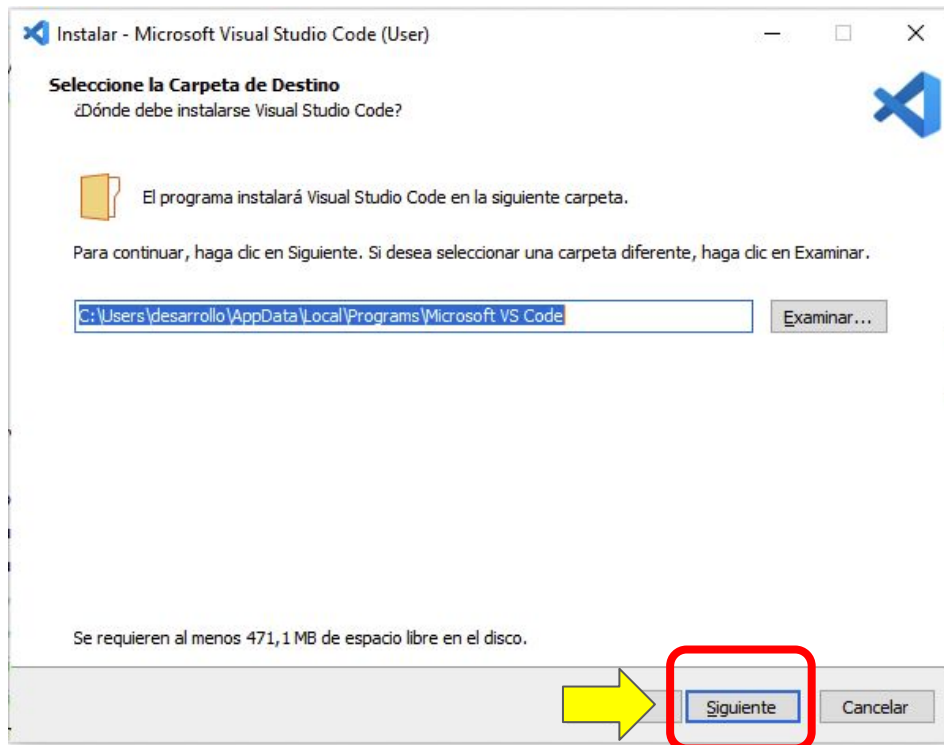
- Windows → Windows → User Installer x64
- Mac nuevo (M1/M2) → Mac → Apple silicon
- Mac antiguo → Mac → Intel chip

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

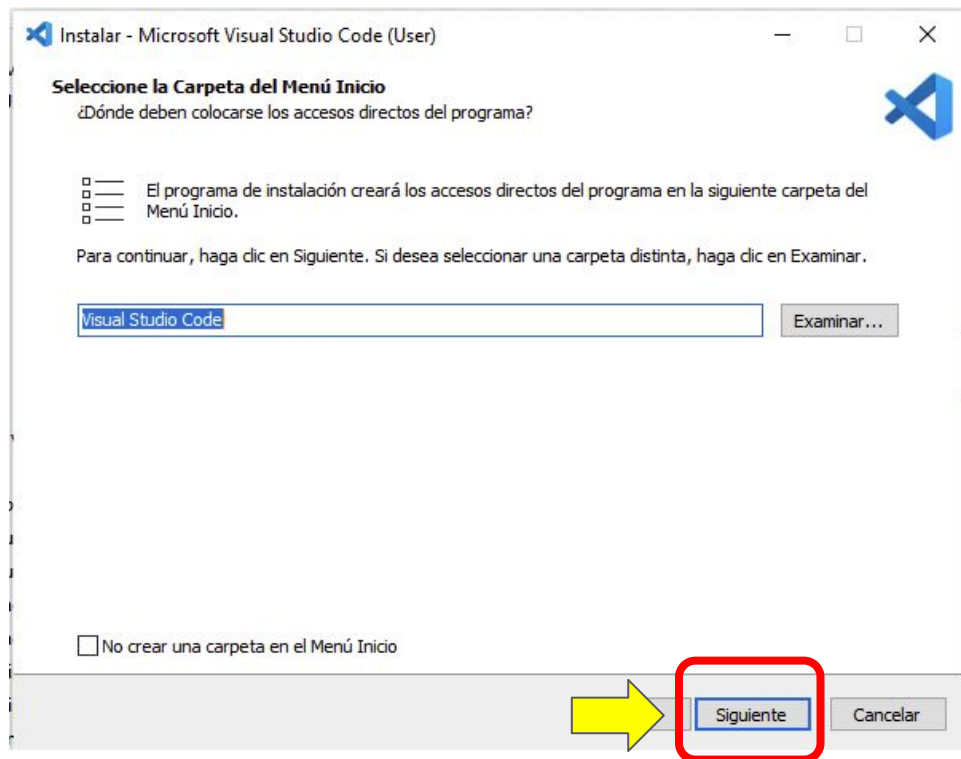
Instalando VSC



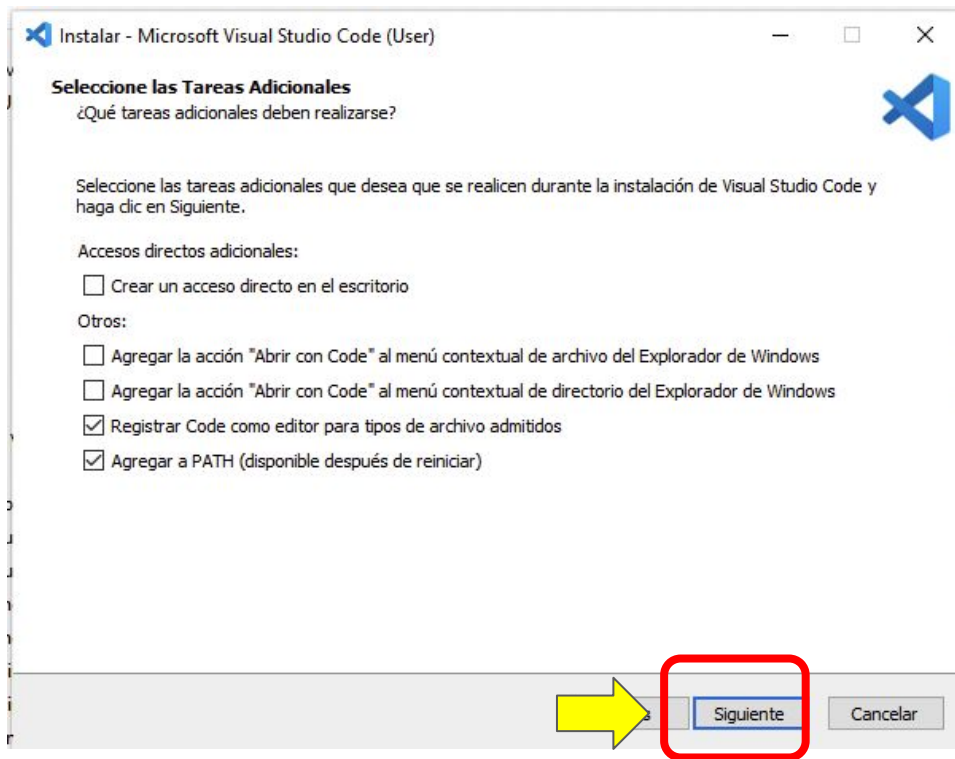
Instalando VSC



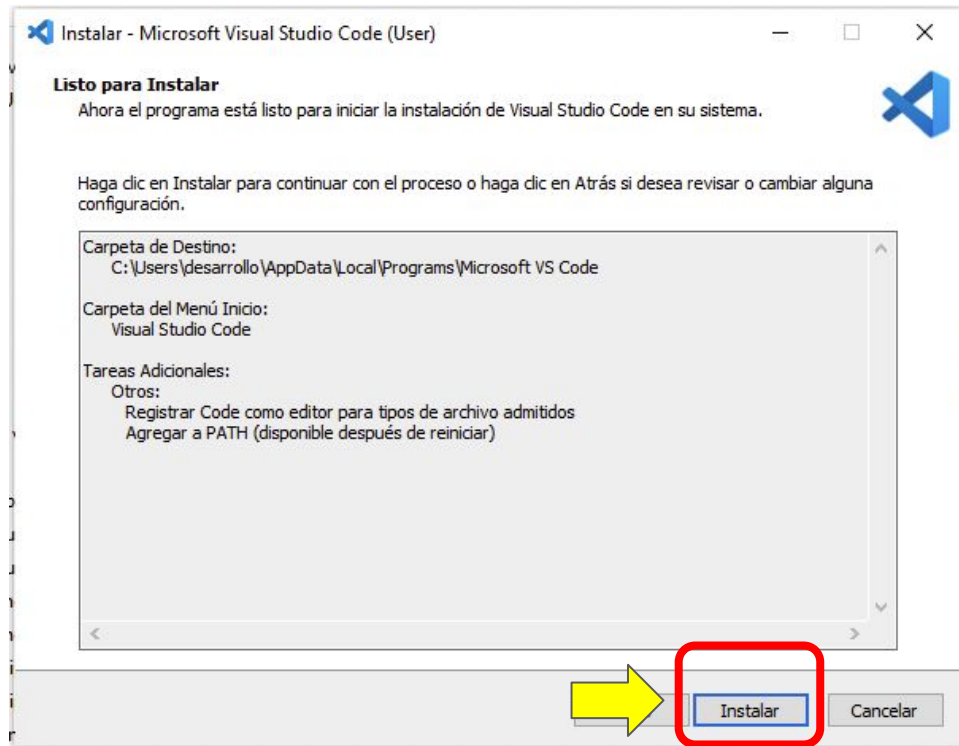
Instalando VSC



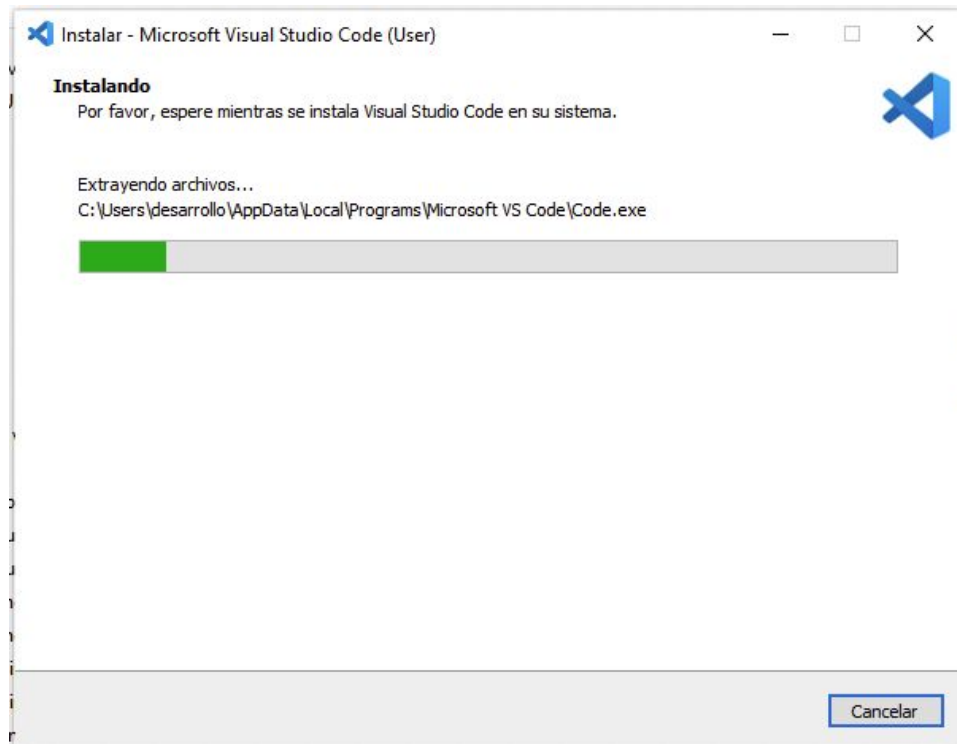
Instalando VSC



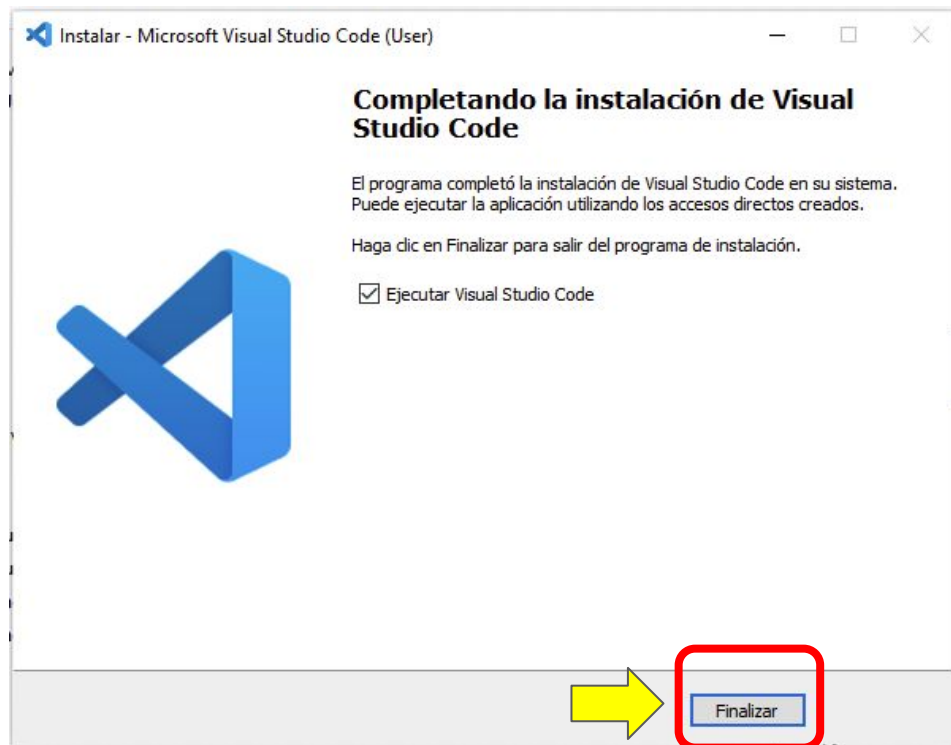
Instalando VSC



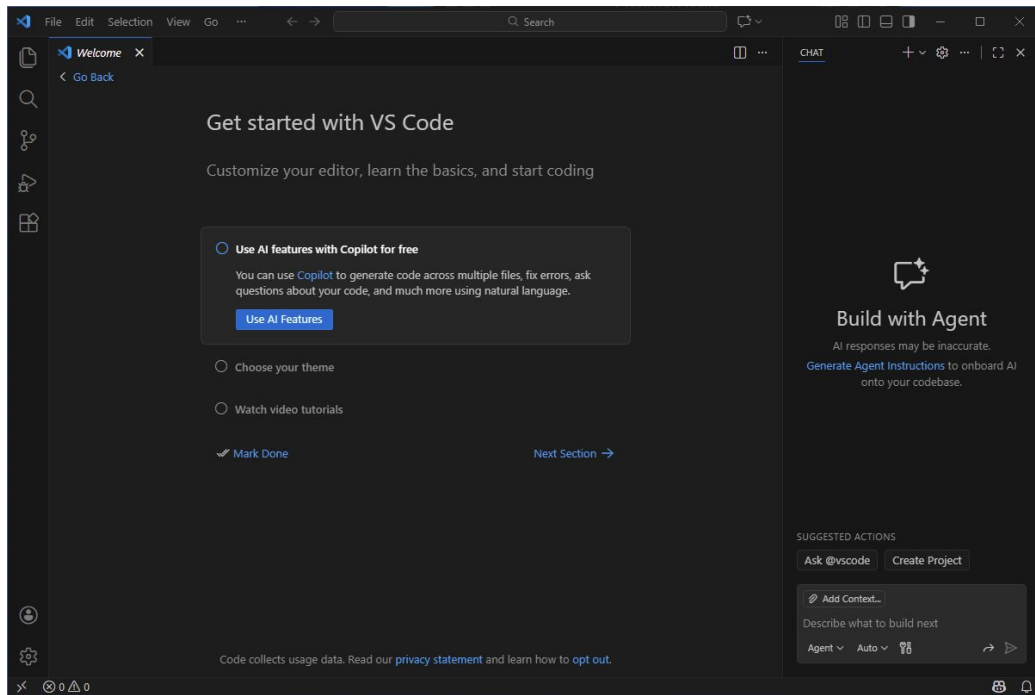
Instalando VSC



Instalando VSC



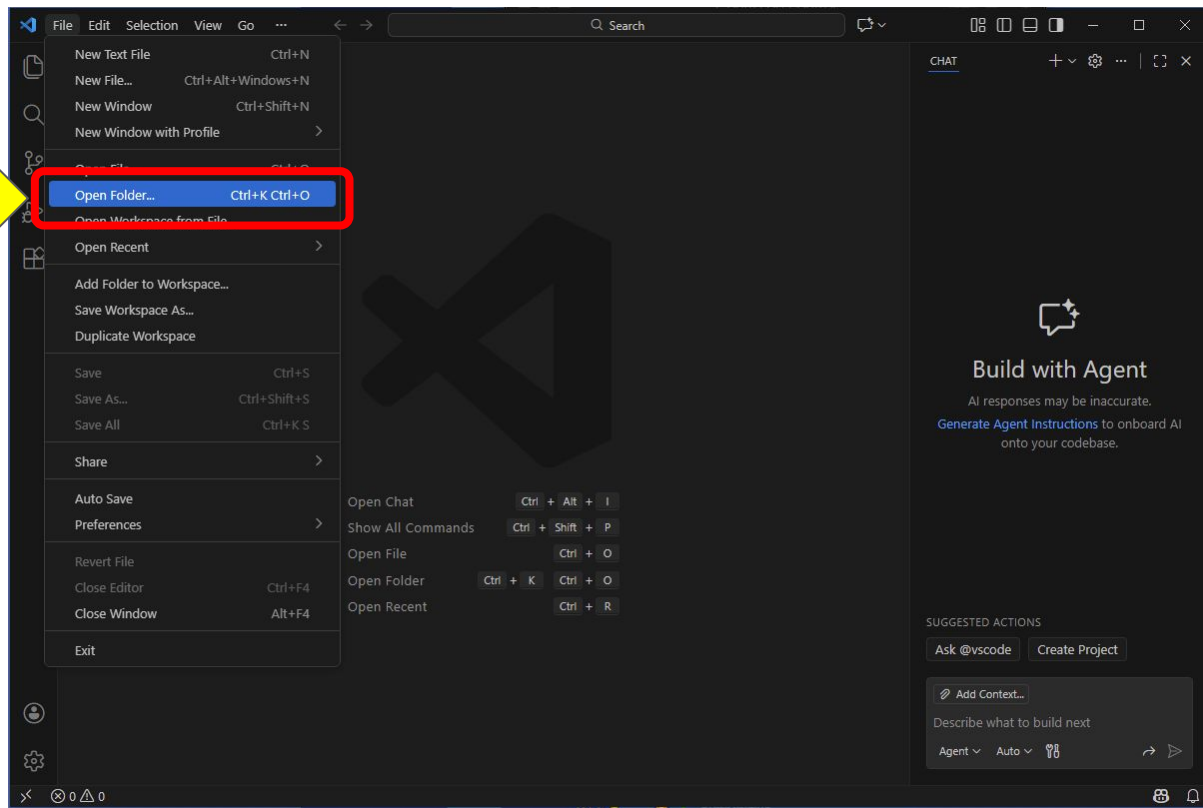
VSC Instalado



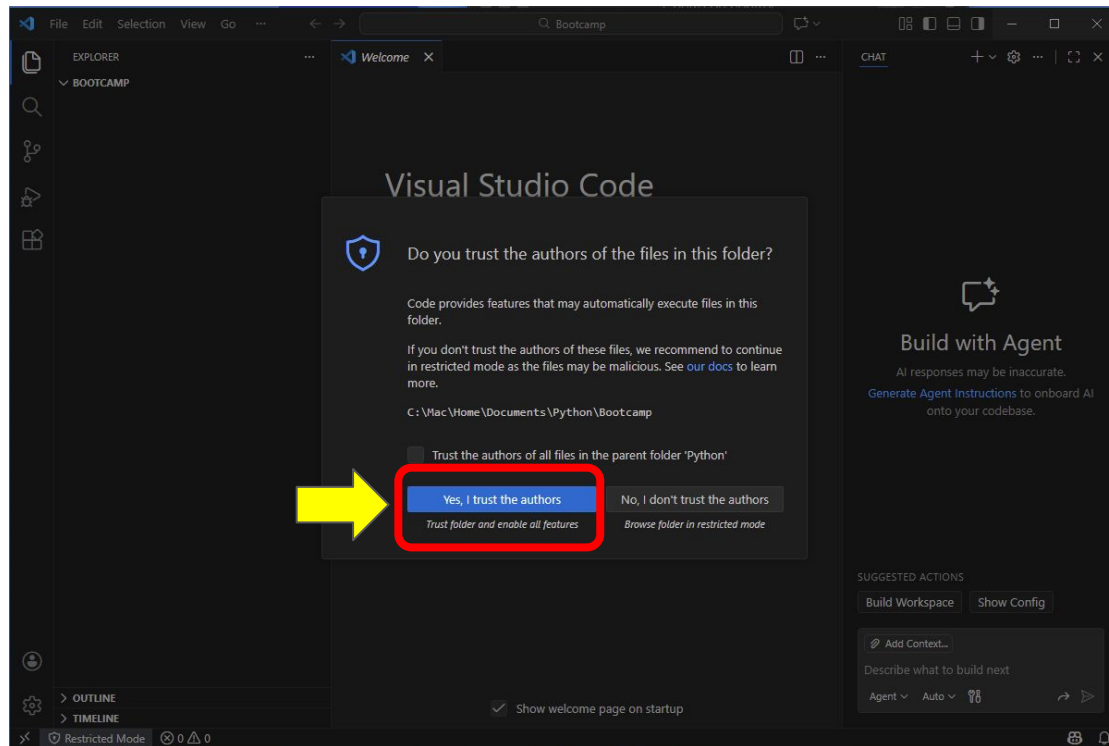
Esta es la pantalla de Visual Studio Code, ahora ideal que creen una carpeta donde crearán el primer programa de python.

VSC

Ir a :



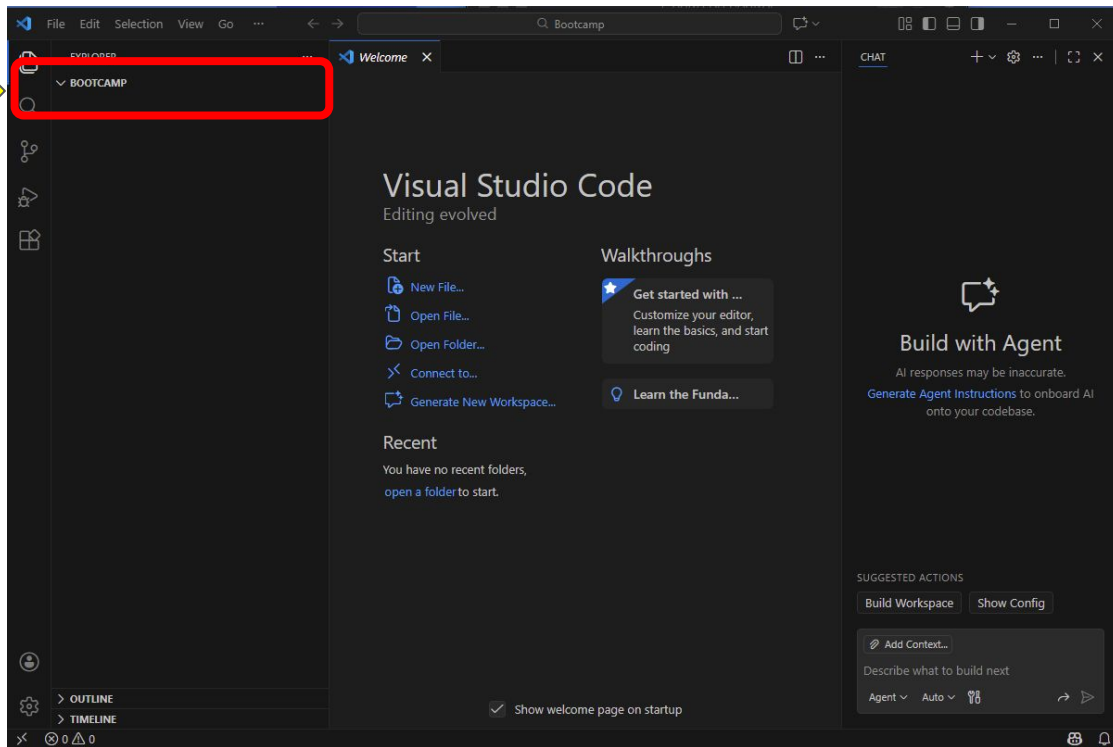
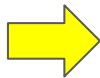
Aparecerá la ventana de windows y podrán crear una carpeta ejemplo: “Bootcamp”

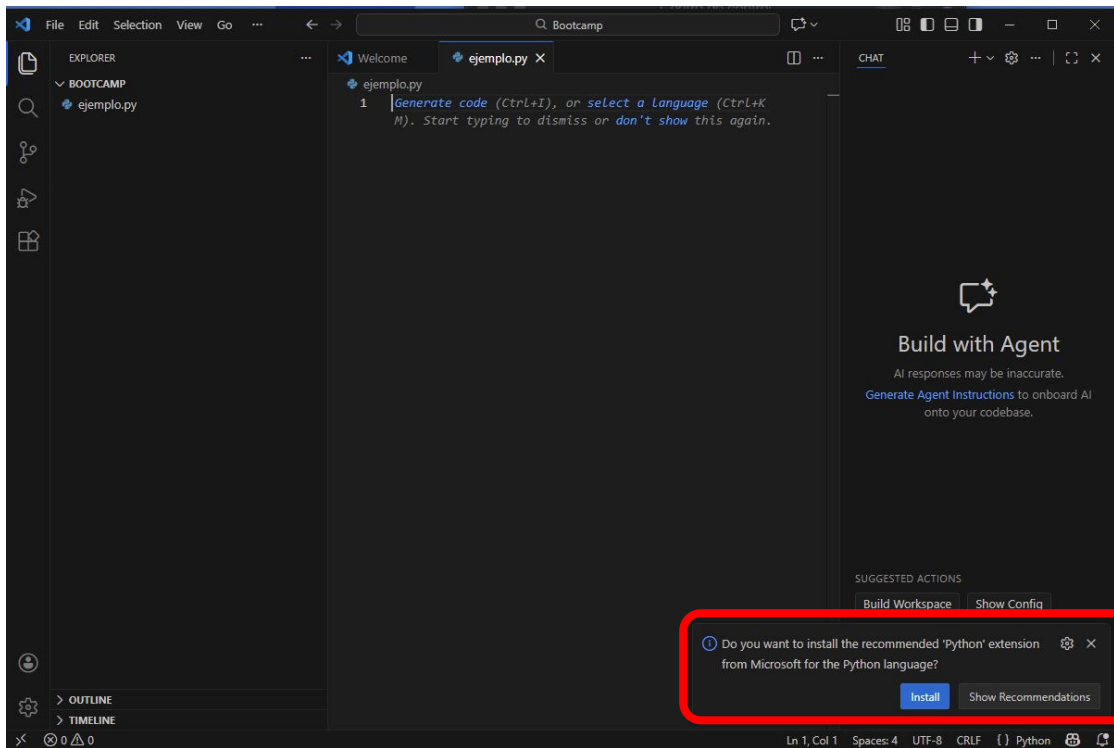


“VS Code pregunta si confiamos en la carpeta porque el código puede ejecutarse. Como este código lo escribimos nosotros, confiamos.”

VSC

Carpeta creada!





Te sugiere
instalar una
extensión de
python, ok



The screenshot shows the Visual Studio Code interface with the Python extension page selected in the Extensions Marketplace. The left sidebar shows the 'EXTENSIONS: MARKETPLACE' view with the search filter '@id:ms-python.python'. The main panel displays the 'Python' extension by Microsoft, which is currently 'Installing'. The extension description states it provides support for the Python language, including IntelliSense (Pylance), debugging, and environment management. The 'Installed extensions' section lists Pylance, Python Debugger, and the new Python Environments extension. The right sidebar shows the 'CHAT' view with a 'Build with Agent' prompt.

Python
Microsoft | microsoft.com | 196,075,366 | ★★★★★ (619)
Python language support with extension access points for IntelliSense (Pylance), D...

Installing ✓ Auto Update ⚙

Python extension for Visual Studio Code

A Visual Studio Code extension with rich support for the Python language (for all actively supported Python versions), providing access points for extensions to seamlessly integrate and offer support for IntelliSense (Pylance), debugging (Python Debugger), formatting, linting, code navigation, refactoring, variable explorer, test explorer, environment management (NEW Python Environments Extension).

Support for [vscode.dev](https://code.visualstudio.com)

The Python extension does offer some support when running on [vscode.dev](https://code.visualstudio.com) (which includes [github.dev](https://github.com)). This includes partial IntelliSense for open files in the editor.

Installed extensions

The Python extension will automatically install the following extensions by default to provide the best Python development experience in VS Code:

- Pylance – performant Python language support
- Python Debugger – seamless debug experience with debugpy
- (NEW) Python Environments – dedicated environment management (see [Python Environments](#))

Marketplace

Identifier	ms-python.python
Version	2025.20.0
Published	9 years ago
Last Released	4 days ago

Categories

- Programming Languages
- Debuggers
- Data Science
- Machine Learning

Resources

- Repository
- Issues
- License
- Microsoft
- Marketplace

Build with Agent

AI responses may be inaccurate.
[Generate Agent Instructions](#) to onboard AI onto your codebase.

SUGGESTED ACTIONS

Build Workspace Show Config

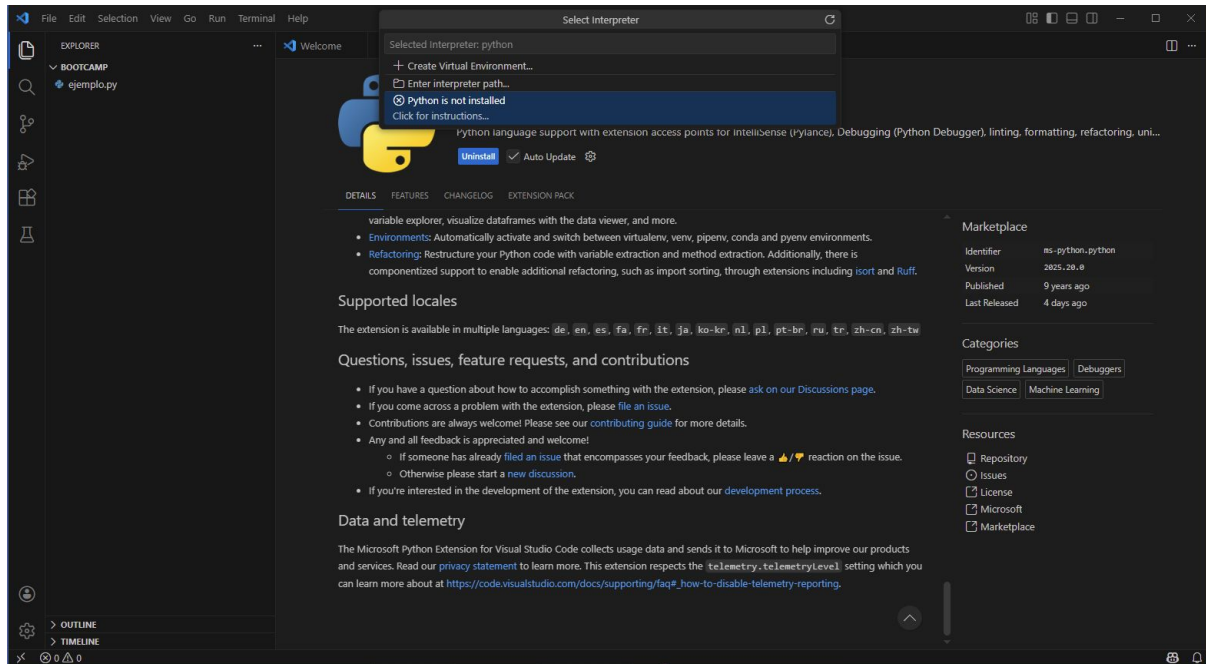
Add Context...

Describe what to build next

Agent Auto



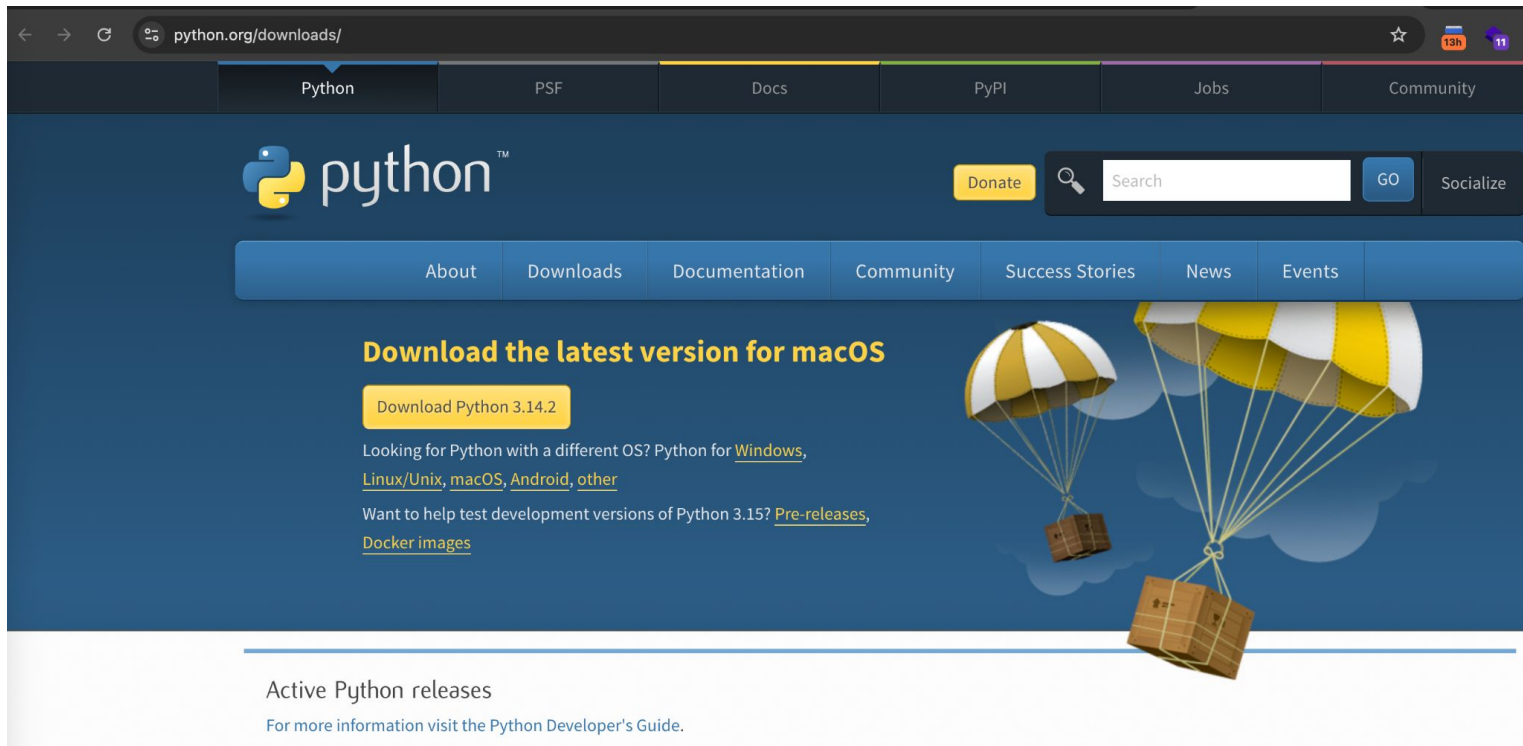
Presiona Ctrl + Shift + P
Escribe: Python: Select Interpreter



Si aparece este mensaje, indica que no tienes instalado Python en tu equipo. Y hay que instalarlo.

Instalando Python

Descargar Python desde: <https://www.python.org/downloads/>



The screenshot shows the Python.org website's download page. The browser's address bar displays 'python.org/downloads/'. The website has a dark blue header with navigation links: Python, PSF, Docs, PyPI, Jobs, and Community. Below the header is a secondary navigation bar with links: About, Downloads, Documentation, Community, Success Stories, News, and Events. The main content area features the Python logo, a 'Donate' button, a search bar, and a 'Socialize' button. A prominent yellow button labeled 'Download Python 3.14.2' is displayed. Below this button, text provides links for other operating systems: 'Looking for Python with a different OS? Python for [Windows](#), [Linux/Unix](#), [macOS](#), [Android](#), [other](#)'. It also includes links for testing development versions: 'Want to help test development versions of Python 3.15? [Pre-releases](#), [Docker images](#)'. An illustration of two parachutes carrying boxes is positioned on the right side of the page. At the bottom, a section titled 'Active Python releases' includes a link to the 'Python Developer's Guide'.

python.org/downloads/

Python PSF Docs PyPI Jobs Community

python™

Donate Search GO Socialize

About Downloads Documentation Community Success Stories News Events

Download the latest version for macOS

Download Python 3.14.2

Looking for Python with a different OS? Python for [Windows](#),
[Linux/Unix](#), [macOS](#), [Android](#), [other](#)

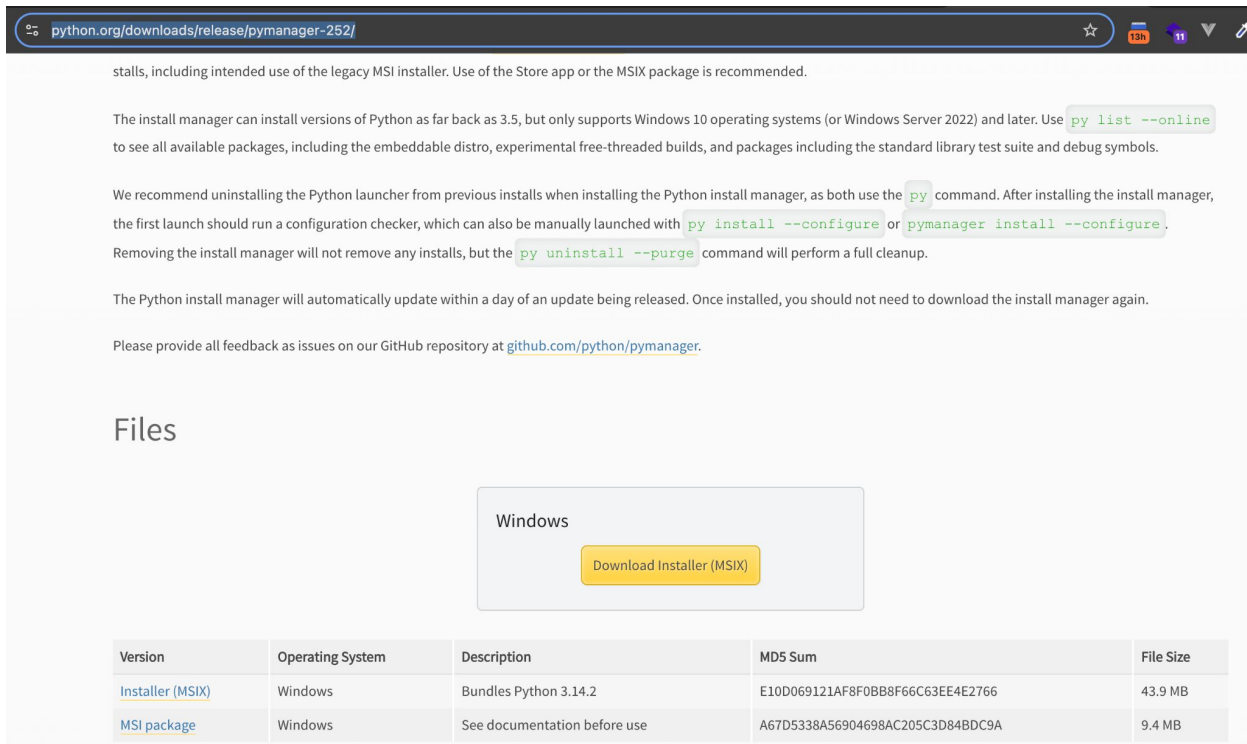
Want to help test development versions of Python 3.15? [Pre-releases](#),
[Docker images](#)

Active Python releases

For more information visit the [Python Developer's Guide](#).

Instalando Python

Fue más fácil descargar el pymanager desde: <https://www.python.org/downloads/release/pymanager-252/>



stalls, including intended use of the legacy MSI installer. Use of the Store app or the MSIX package is recommended.

The install manager can install versions of Python as far back as 3.5, but only supports Windows 10 operating systems (or Windows Server 2022) and later. Use `py list --online` to see all available packages, including the embeddable distro, experimental free-threaded builds, and packages including the standard library test suite and debug symbols.

We recommend uninstalling the Python launcher from previous installs when installing the Python install manager, as both use the `py` command. After installing the install manager, the first launch should run a configuration checker, which can also be manually launched with `py install --configure` or `pymanager install --configure`. Removing the install manager will not remove any installs, but the `py uninstall --purge` command will perform a full cleanup.

The Python install manager will automatically update within a day of an update being released. Once installed, you should not need to download the install manager again.

Please provide all feedback as issues on our GitHub repository at github.com/python/pymanager.

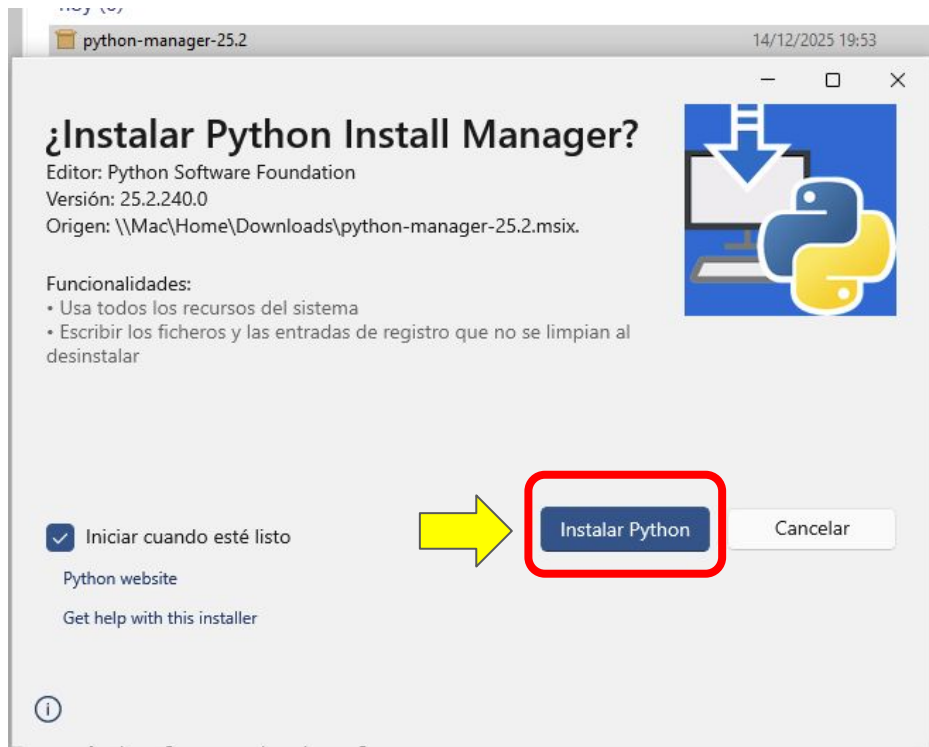
Files

Windows

[Download Installer \(MSIX\)](#)

Version	Operating System	Description	MD5 Sum	File Size
Installer (MSIX)	Windows	Bundles Python 3.14.2	E10D069121AF8F0BB8F66C63EE4E2766	43.9 MB
MSI package	Windows	See documentation before use	A67D5338A56904698AC205C3D84BDC9A	9.4 MB

Instalando Python



Instalando Python

y



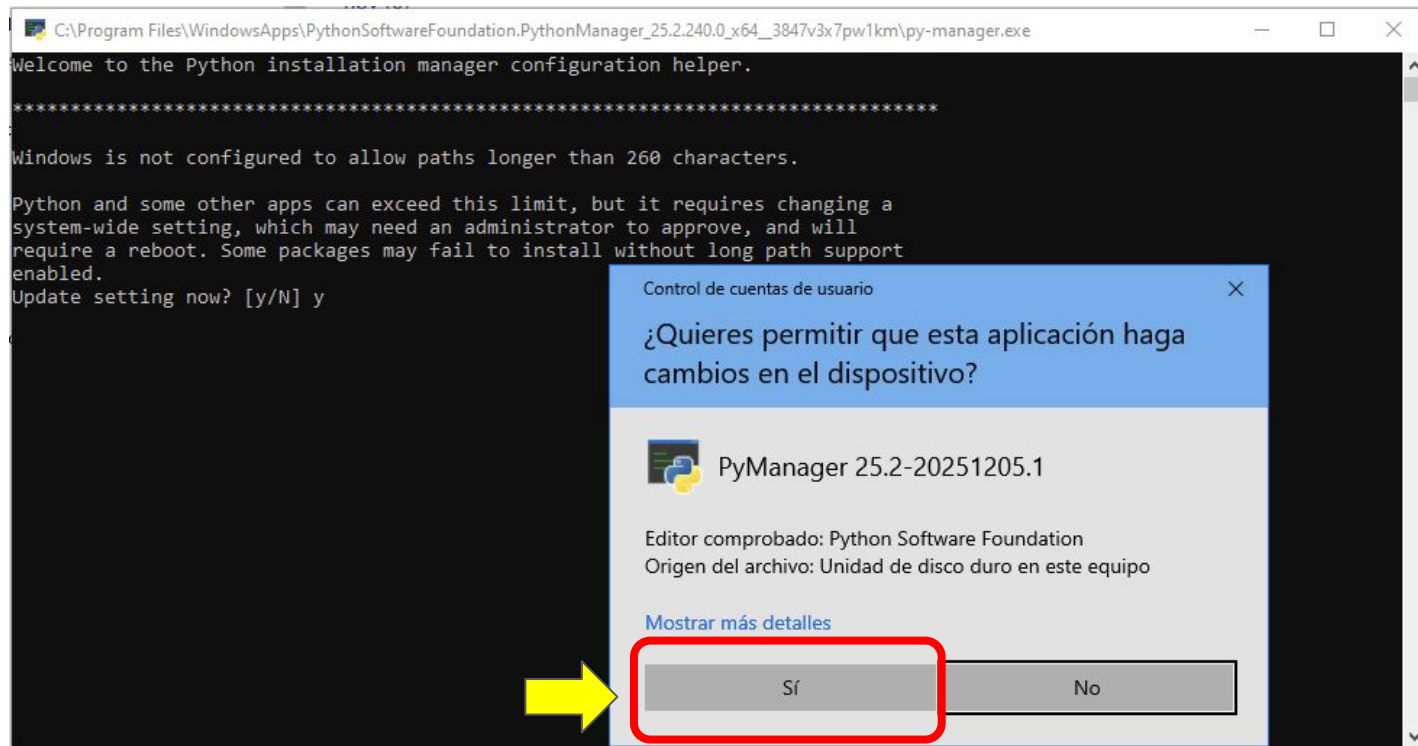
```
C:\Program Files\WindowsApps\PythonSoftwareFoundation.PythonManager_25.2.240.0_x64_3847v3x7pw1km\py-manager.exe
Welcome to the Python installation manager configuration helper.

*****

Windows is not configured to allow paths longer than 260 characters.

Python and some other apps can exceed this limit, but it requires changing a
system-wide setting, which may need an administrator to approve, and will
require a reboot. Some packages may fail to install without long path support
enabled.
Update setting now? [y/N]
```

Instalando Python



Instalando Python

```
C:\Program Files\WindowsApps\PythonSoftwareFoundation.PythonManager_25.2.240.0_x64_3847v3x7pw1km\py-manager.exe
Python and some other apps can exceed this limit, but it requires changing a
system-wide setting, which may need an administrator to approve, and will
require a reboot. Some packages may fail to install without long path support
enabled.
Update setting now? [y/N] y
The setting has been successfully updated, and will take effect after the next reboot.

*****

The global shortcuts directory is not configured.

Configuring this enables commands like python3.14.exe to run from your
terminal, but is not needed for the python or py commands (for example, py
-V:3.14).

We can add the directory (C:\Users\desarrollo\AppData\Local\Python\bin) to PATH
now, but you will need to restart your terminal to use it. The entry will be
removed if you run py uninstall --purge, or else you can remove it manually when
uninstalling Python.
Add commands directory to your PATH now? [y/N] y
PATH has been updated, and will take effect after opening a new terminal.

*****

You do not have the latest Python runtime.
Install the current latest version of CPython? If not, you can use 'py install
default' later to install.
Install CPython now? [Y/n]
```

y



Instalando Python

```
C:\Program Files\WindowsApps\PythonSoftwareFoundation.PythonManager_25.2.240.0_x64_3847v3x7pw1km\py-manager.exe
default' later to install.

Install CPython now? [Y/n] y
Python install manager was successfully updated to 25.2.

*****
Installing Python 3.14.2.
Extracting: .....
To see all available commands, run 'py help'
*****

Configuration checks completed.

To run these checks again, launch Python install manager from your Start menu,
or py install --configure from the terminal.

*****

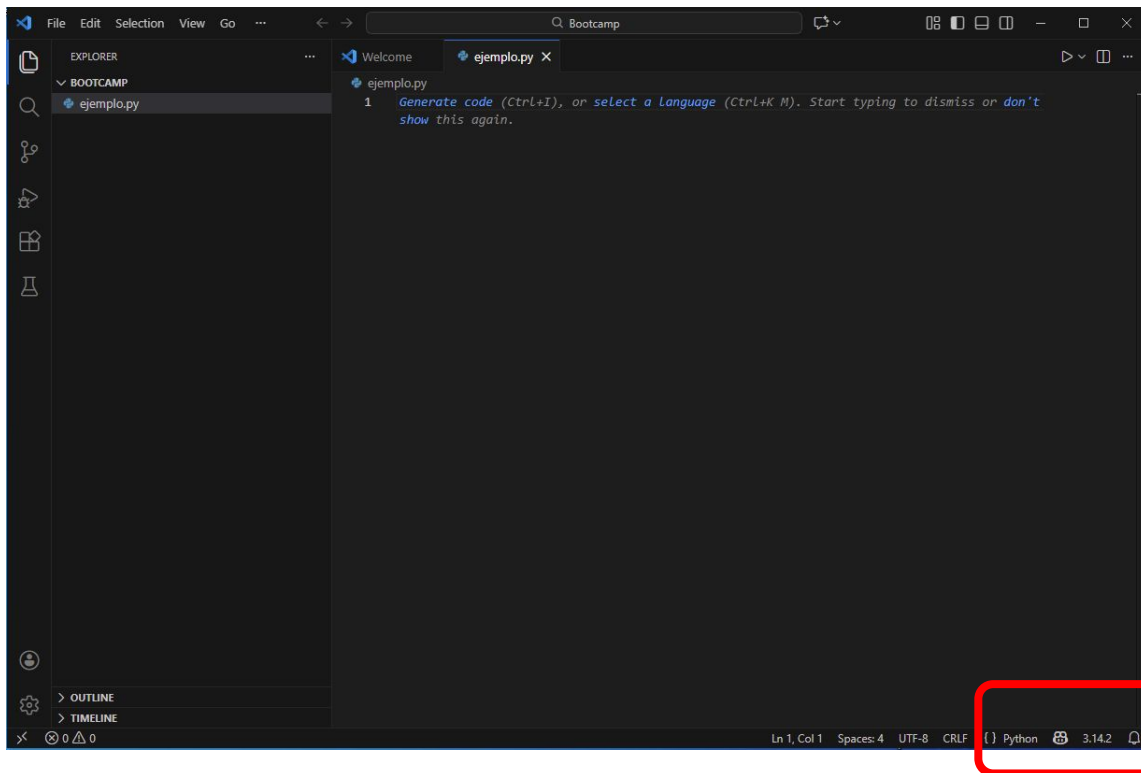
Usage:
  py <regular Python options>
                        Launch the default runtime with specified options. This
                        is the equivalent of the python command.
  py -V:<TAG>
                        Launch runtime identified by <TAG>, which should
                        include the company name if not PythonCore. Regular
                        Python options may follow this option.
  py -3<VERSION>
                        Equivalent to -V:PythonCore\3<VERSION>. The version
                        must begin with the digit 3, platform overrides are
                        permitted, and regular Python options may follow. py -3
                        is the equivalent of the python3 command.
  py exec <any of the above>
                        Equivalent to any of the above launch options, and the
                        requested runtime will be installed if needed.
  py help [<CMD>]
                        Show help for Python installation manager commands
  py install <TAG>
                        Download new Python runtimes, or pass --update to
                        update existing installs.
  py list [<FILTER>]
                        Show installed Python runtimes, optionally filtering by
                        <FILTER>.
  py uninstall <TAG>
                        Remove one or more runtimes from your machine. Pass
                        --purge to clean up all runtimes and cached files.

Find additional information at https://docs.python.org/dev/using/windows.
View online help? [y/N] _
```

y

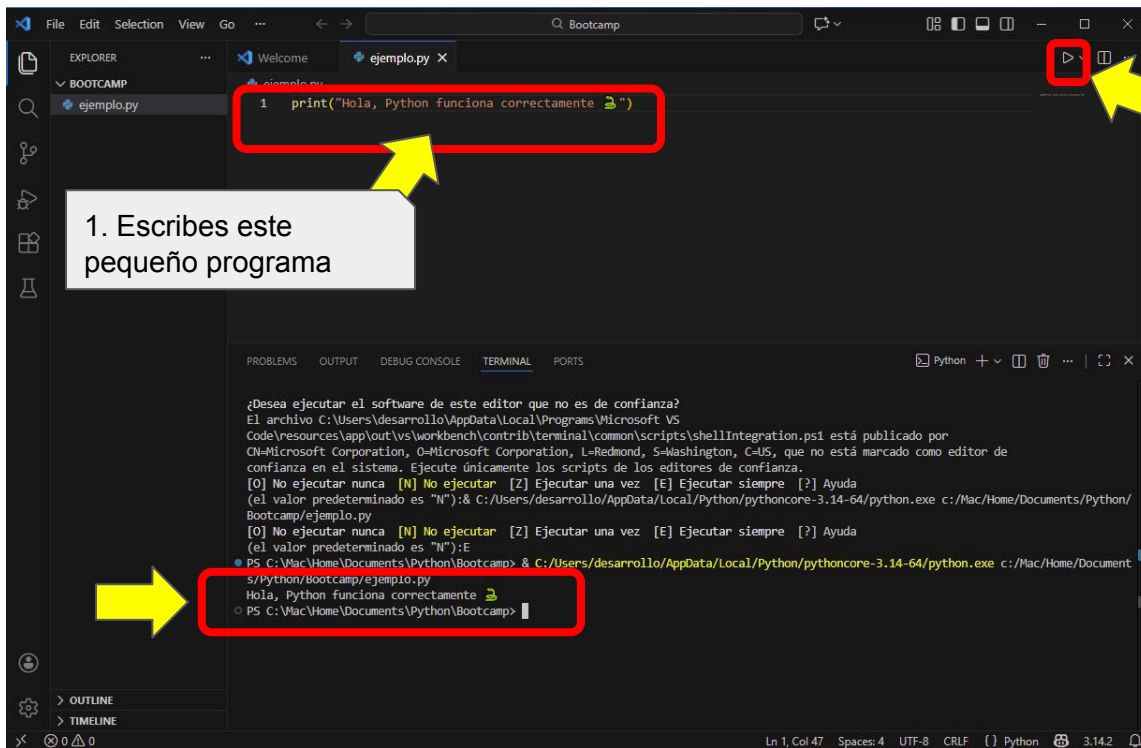


Instalando Python



Se debe ver la
versión de
python que
tienen instalada

Instalando Python

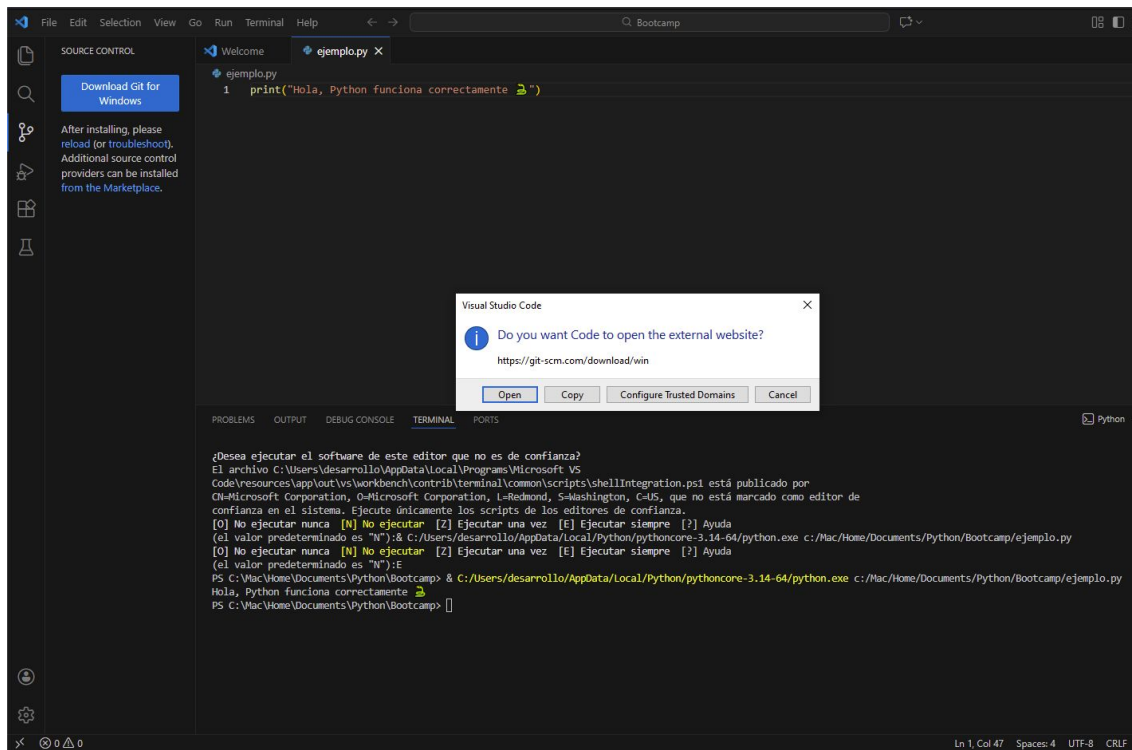


2. Ejecutas

1. Escribes este pequeño programa

3. Esta funcionando correctamente

Instalando Git



Ahora nos falta instalar Git -> Seleccionar Open



Vamos a este link: <https://git-scm.com/install/windows>

<https://git-scm.com/install/windows>

git --distributed-even-if-your-workflow-isnt

Type / to search entire site...

About
Learn
Tools
Reference
Install
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](#).

Install

Latest version: **2.52.0** ([Release Notes](#))

Windows macOS Linux Build from Source

[Click here to download](#) the latest (**2.52.0**) **x64** version of **Git for Windows**. This is the most recent **maintained build**. It was released **27 days ago**, on 2025-11-17.

Other Git for Windows downloads

Standalone Installer
[Git for Windows/x64 Setup.](#)

[Git for Windows/ARM64 Setup.](#)

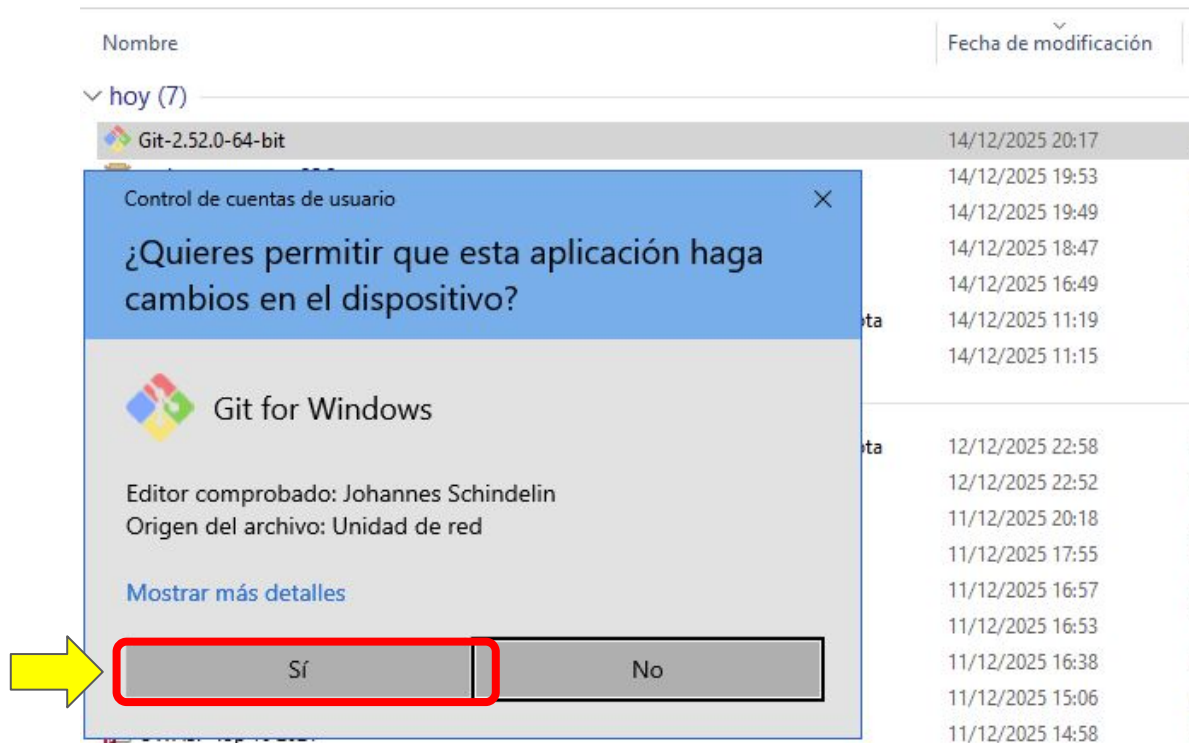
Portable ("thumbdrive edition")
[Git for Windows/x64 Portable.](#)

[Git for Windows/ARM64 Portable.](#)

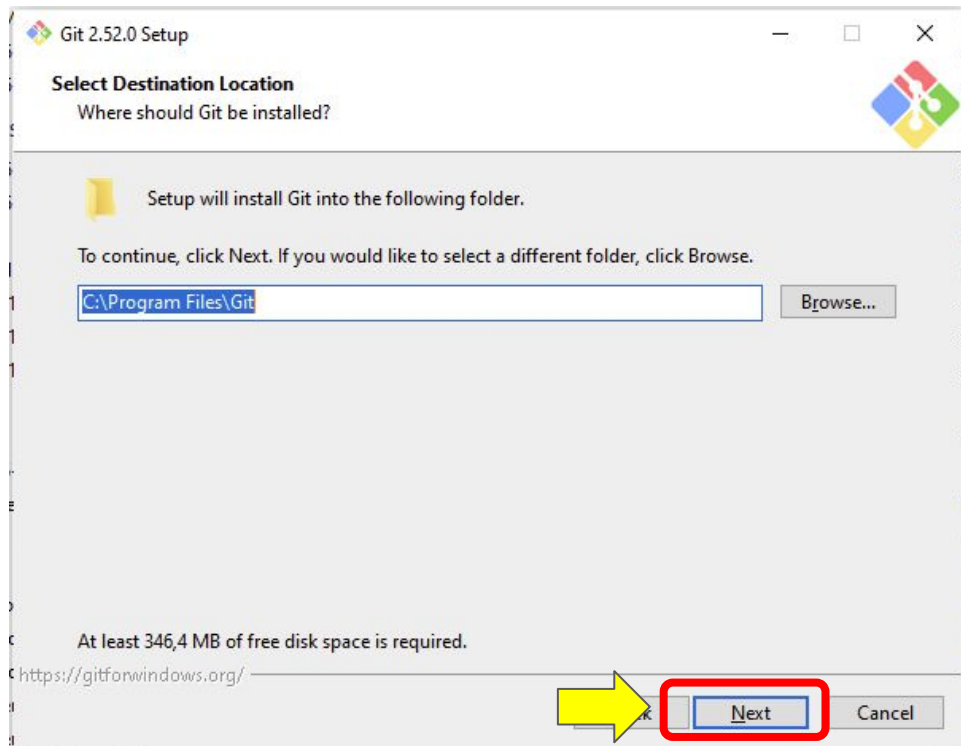
Using winget tool
Install [winget tool](#) if you don't already have it, then type this command in command prompt or Powershell.

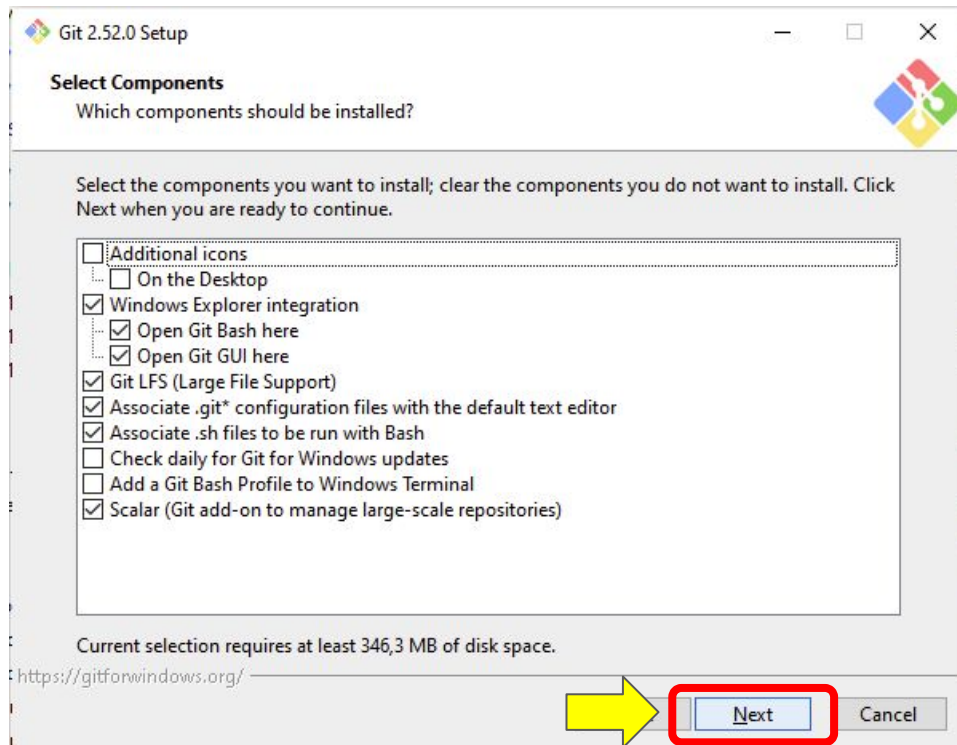
```
winget install --id Git.Git -e --source winget
```

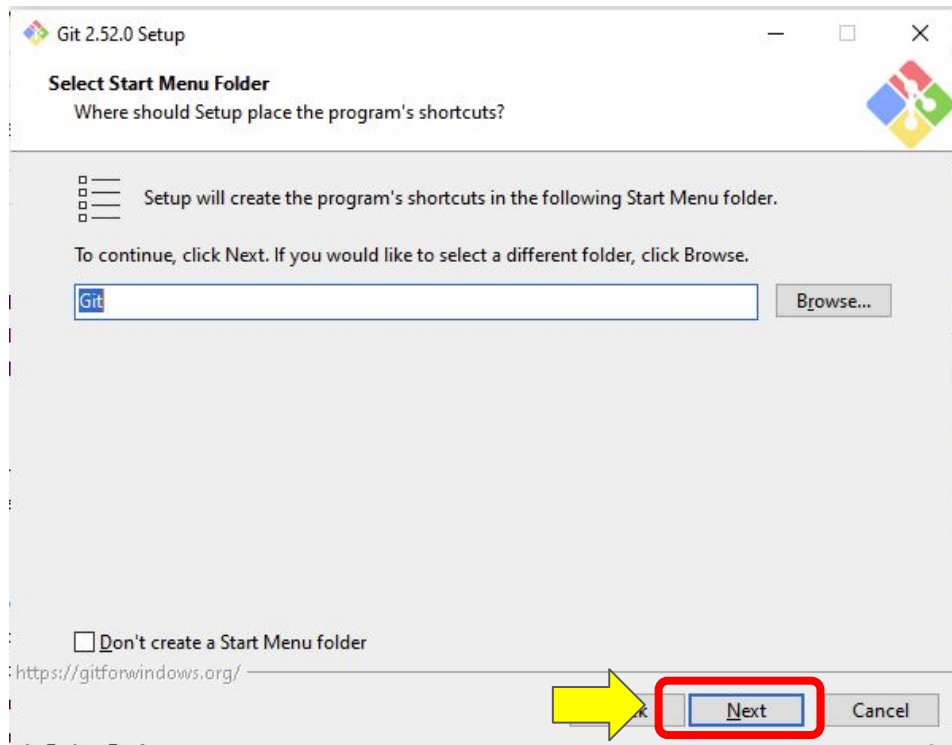
The current source code release is version **2.52.0**. If you want the newer version, you can build it from [the source code](#).





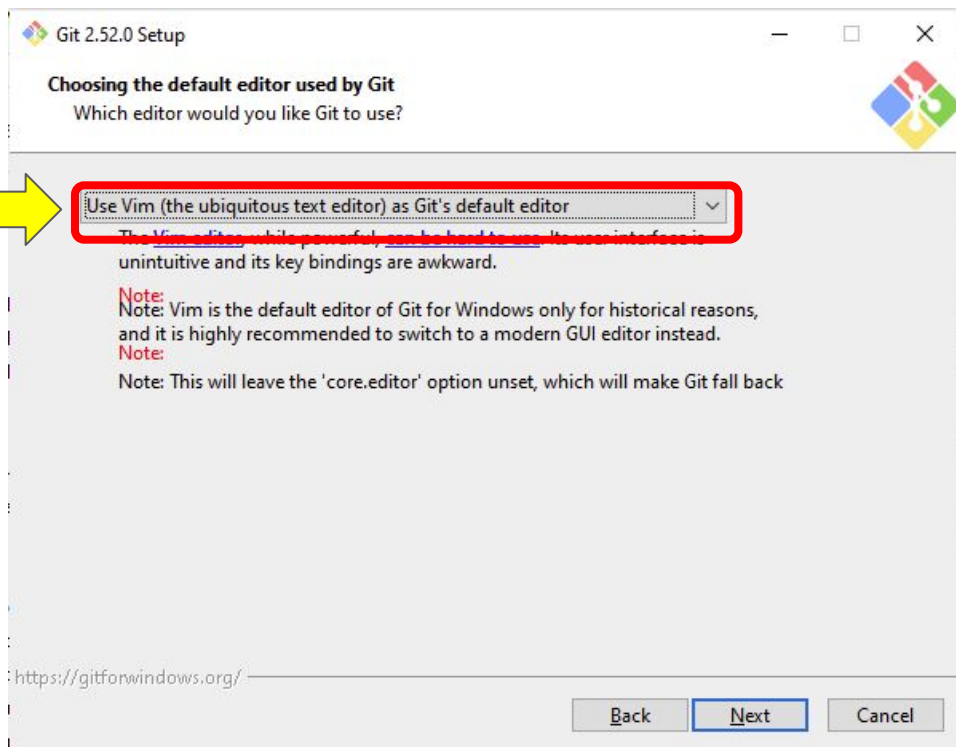




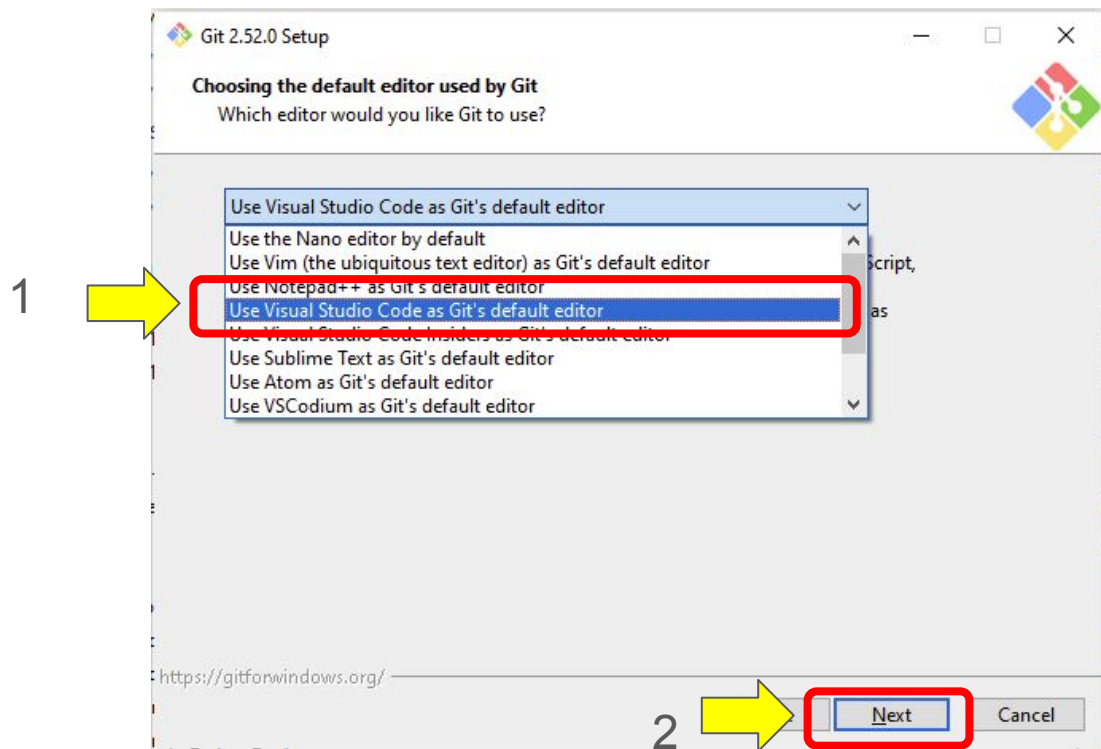




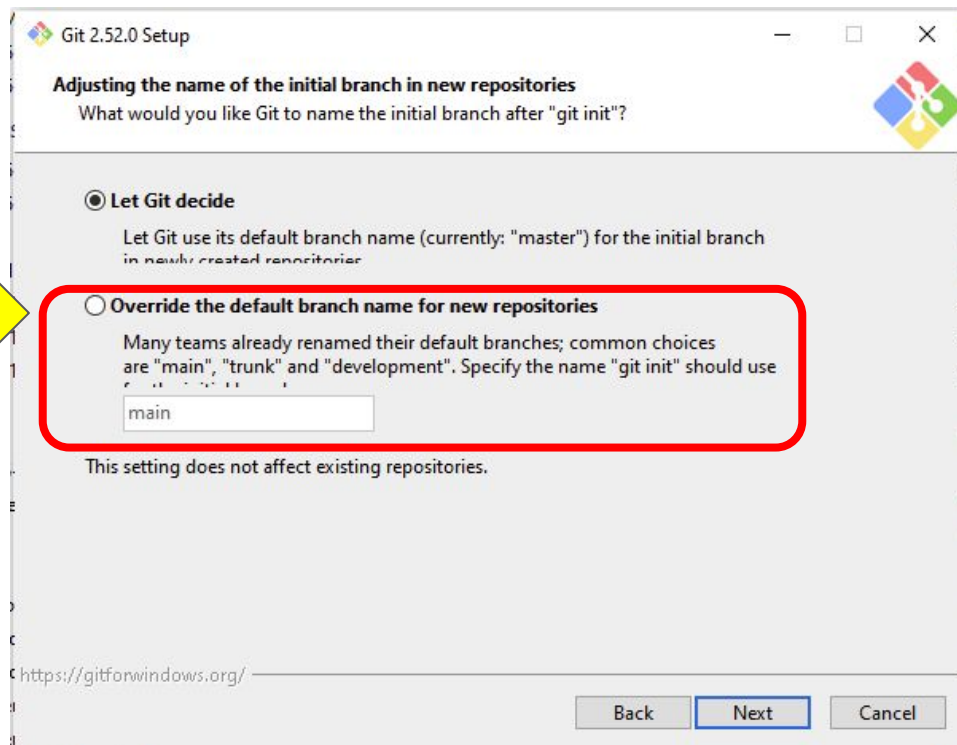
Abrir para
seleccionar
otra opción

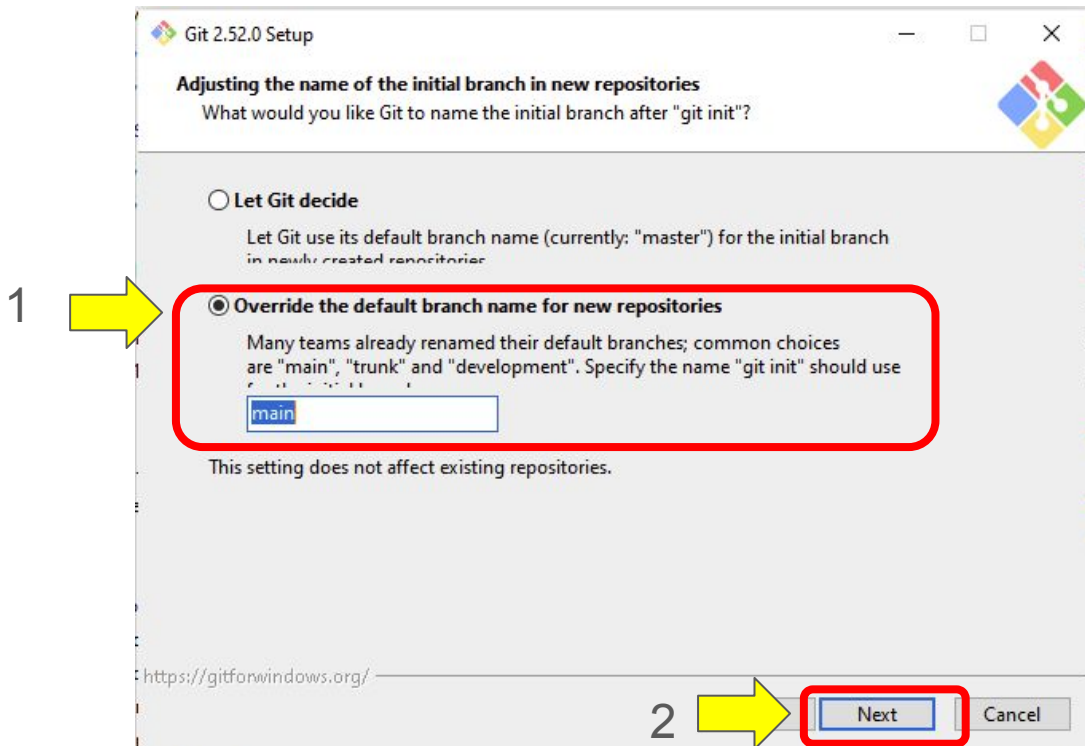


Git

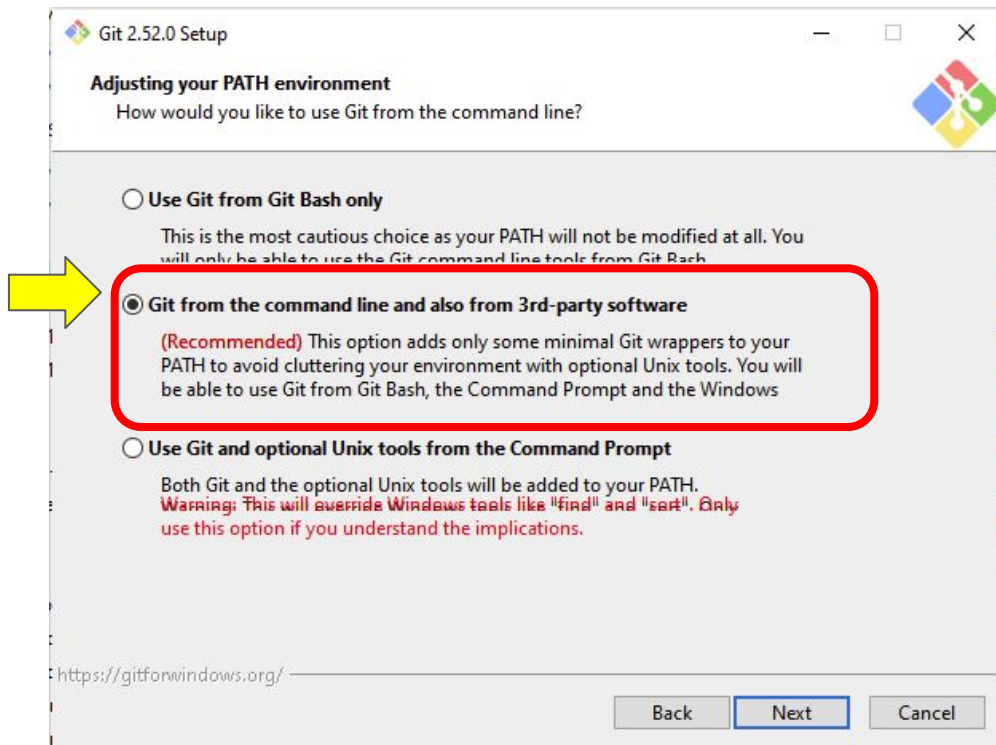


Cambiar

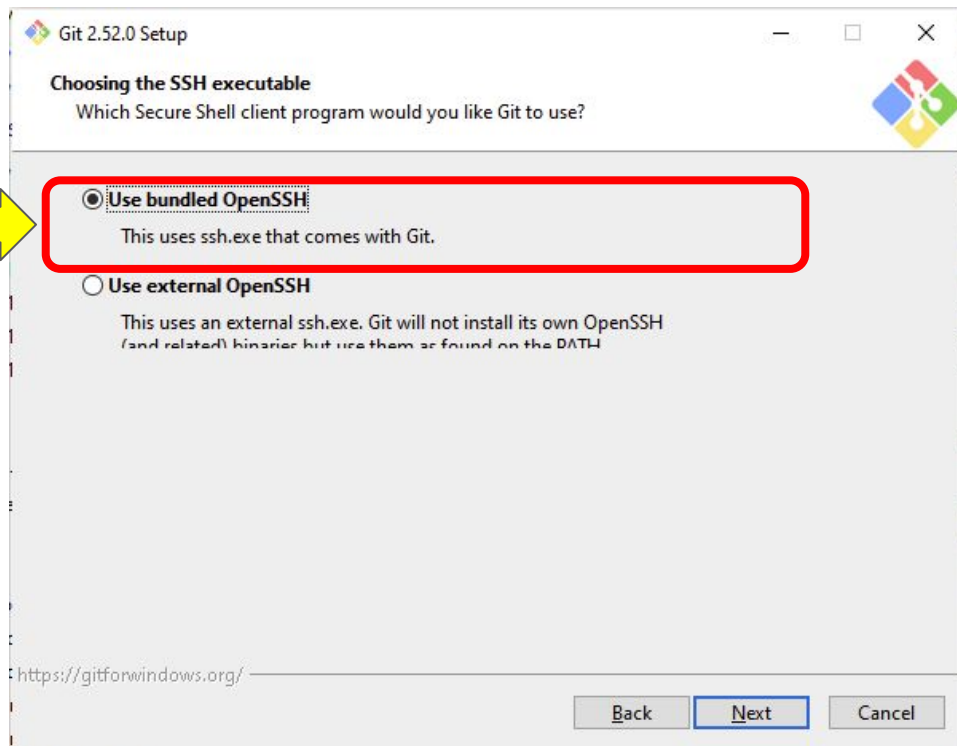




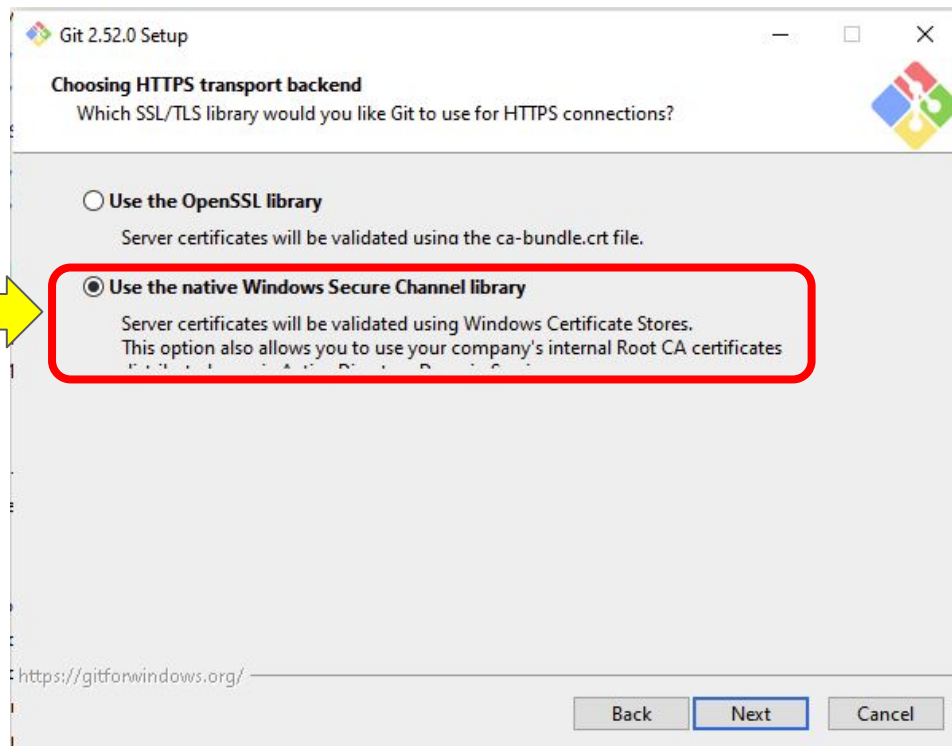
Nos quedamos con la opción seleccionada y next



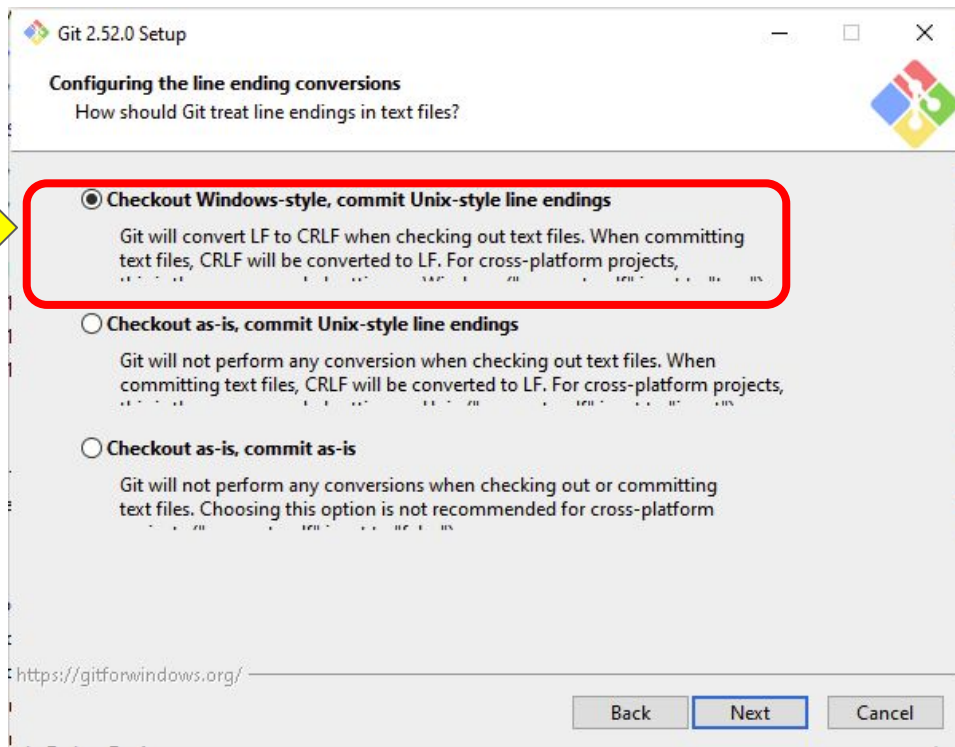
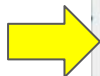
Esta opción y
luego y next



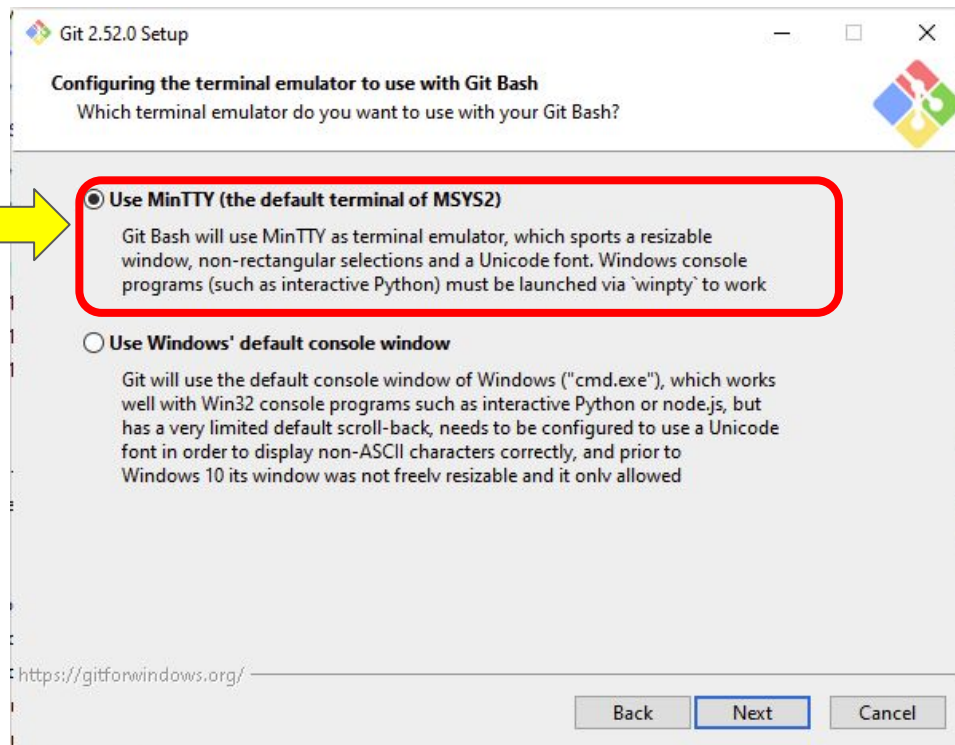
Esta opción y
luego y next



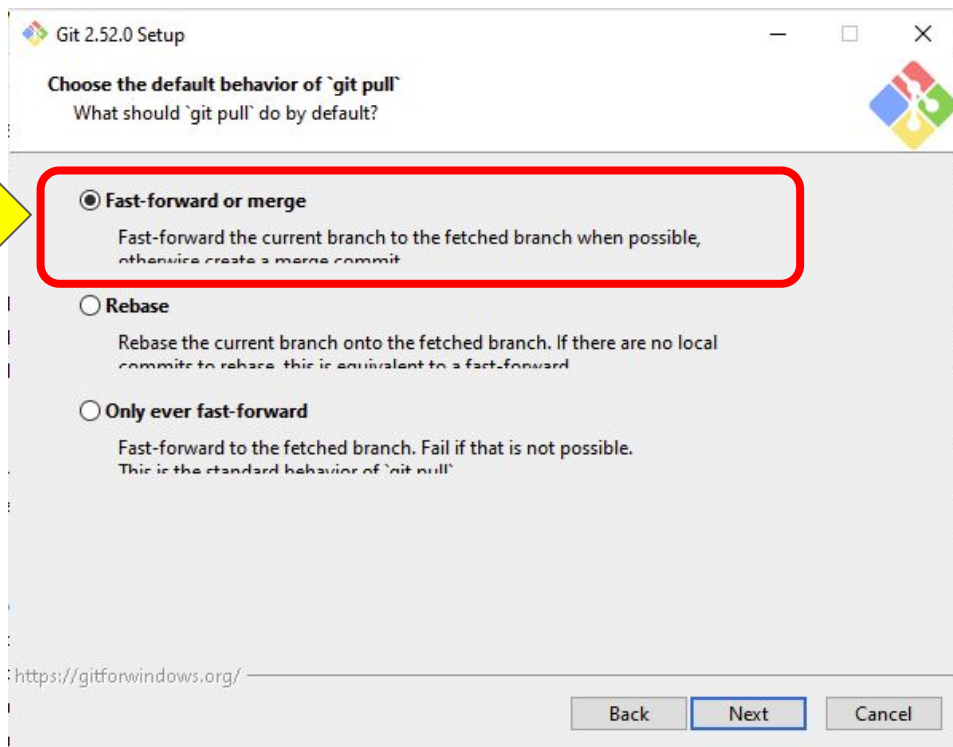
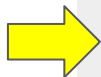
Esta opción y
luego y next



Esta opción y
luego y next

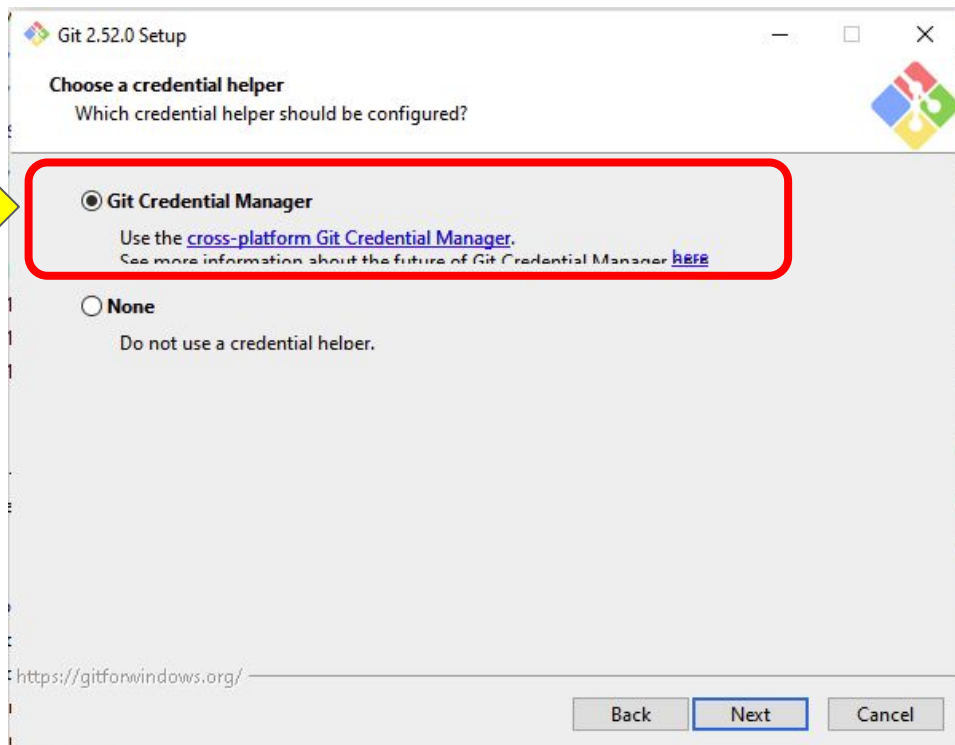
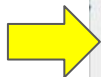


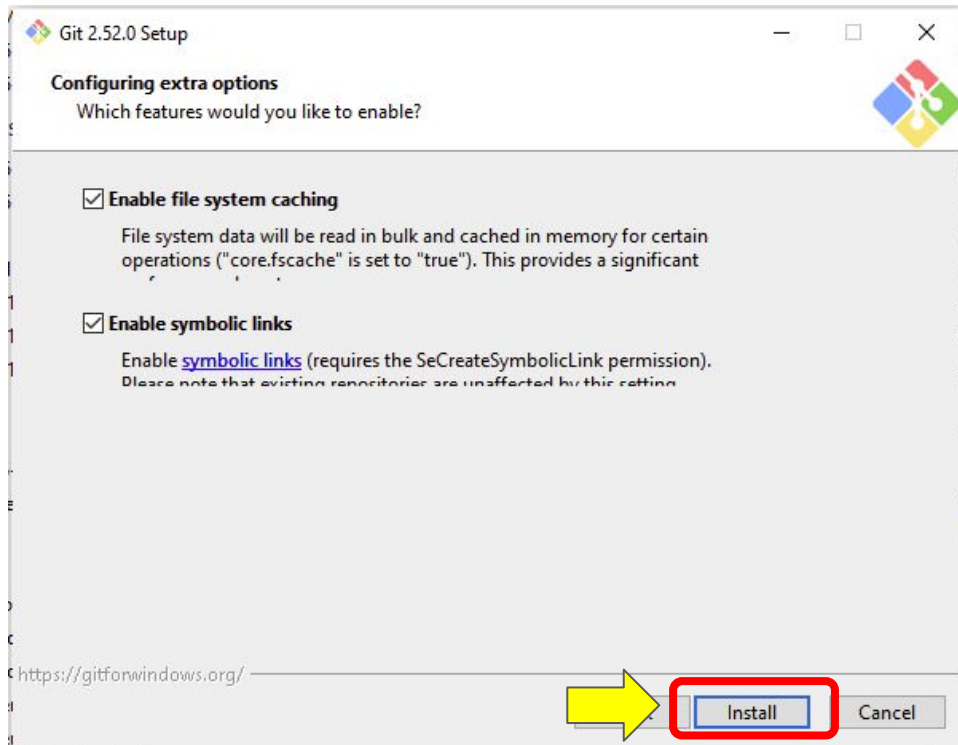
Esta opción y
luego y next

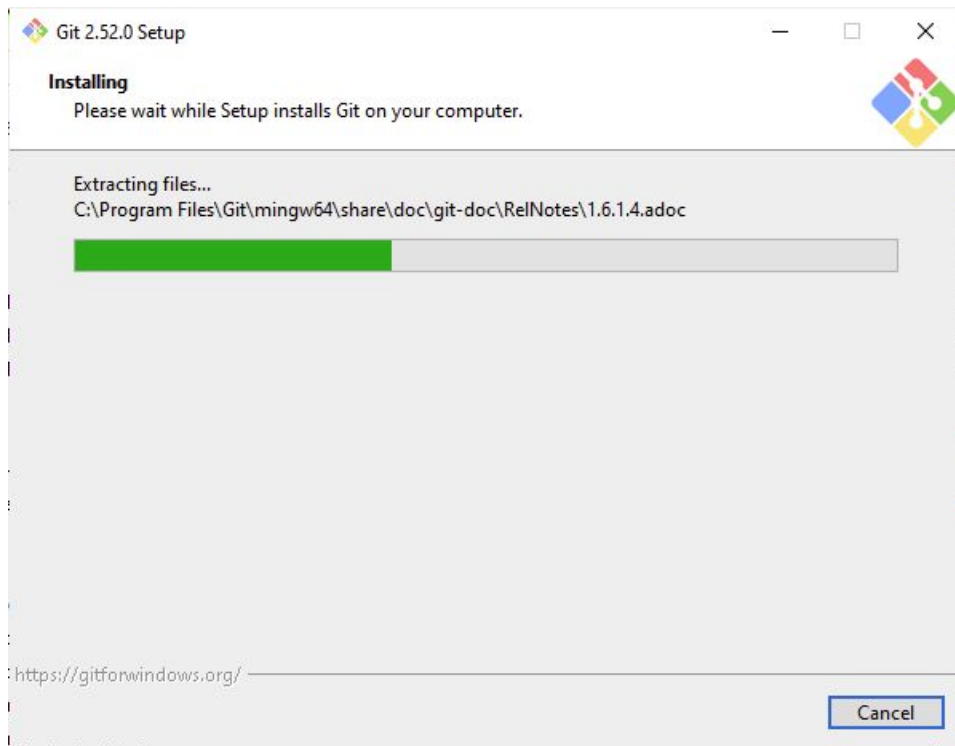


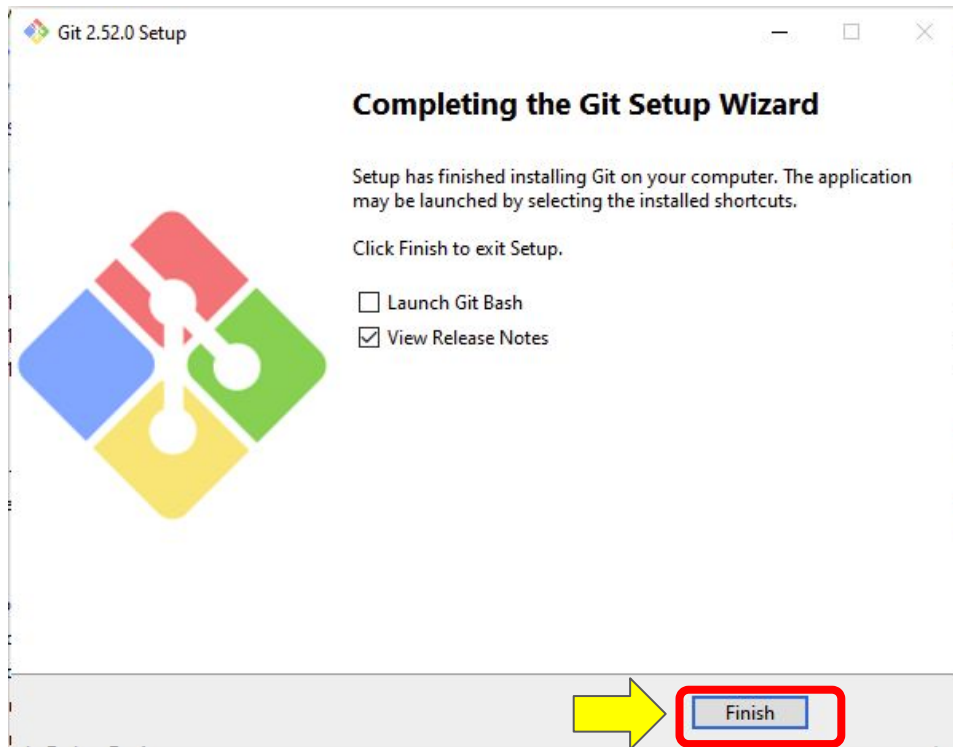


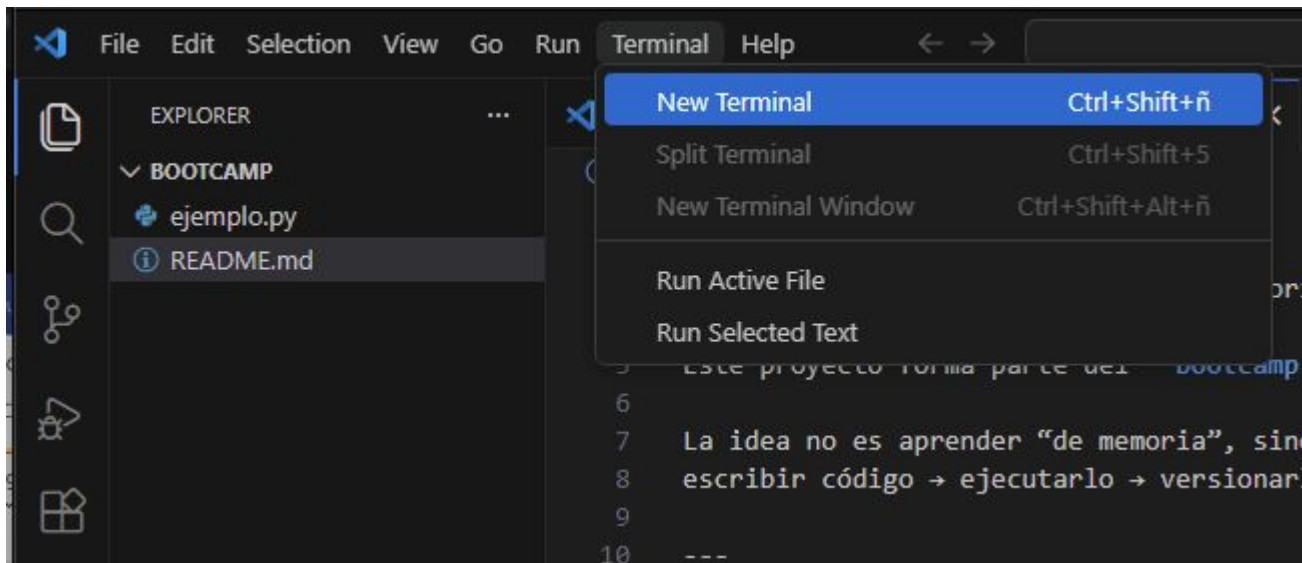
Esta opción y
luego y next



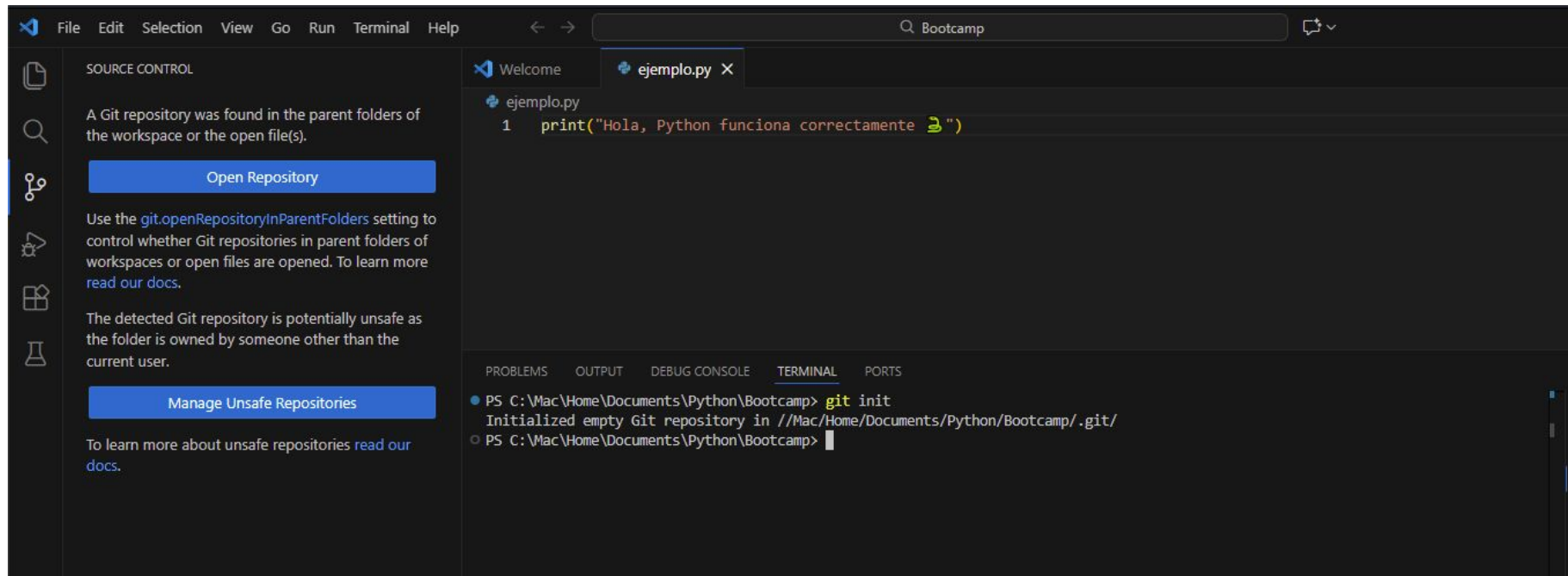




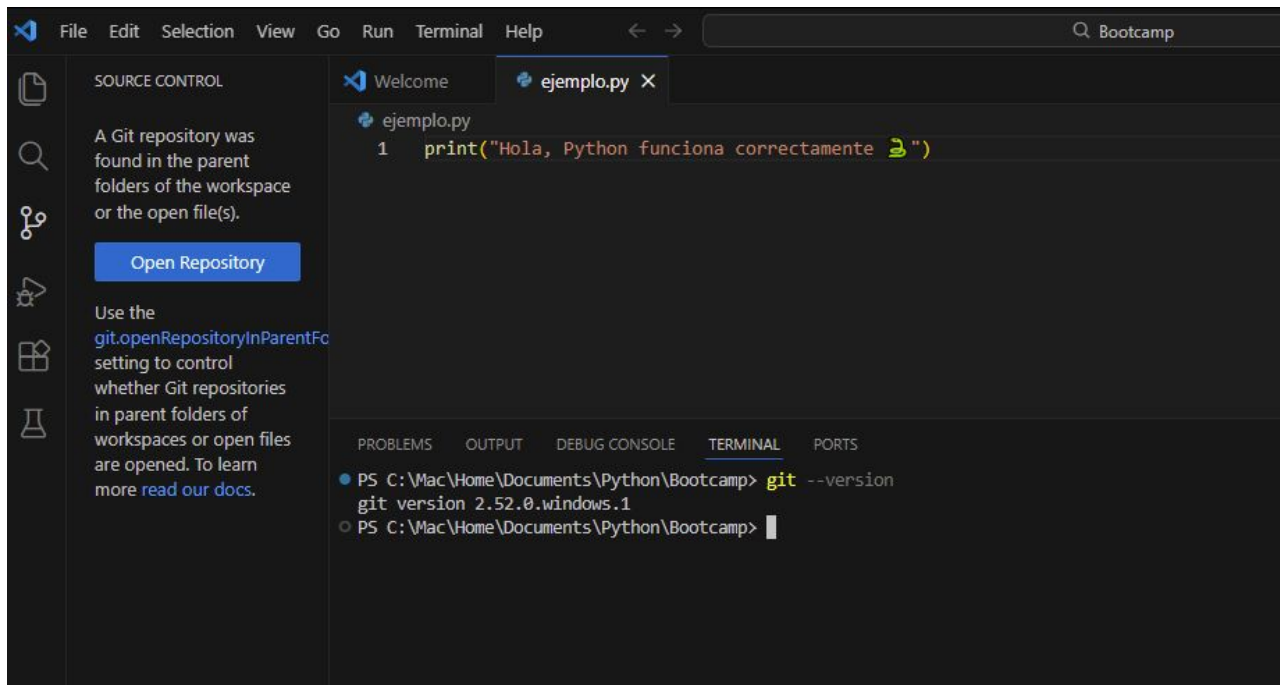




Abrir una terminal nueva



Ingresar >> `git init`



Luego verificar la versión >> `git --version`



GitHub es una plataforma en la nube para guardar y compartir código. Usaremos GitHub para respaldar nuestros proyectos y trabajar de forma ordenada.

Crear la cuenta

1. Abre tu navegador y entra a: <https://github.com>
2. Haz clic en **Sign up**.
3. Completa los datos solicitados:
 - Correo electrónico
 - Contraseña
 - Nombre de usuario (username)
4. Verifica tu correo electrónico.
5. Al finalizar, ya tendrás tu cuenta creada.

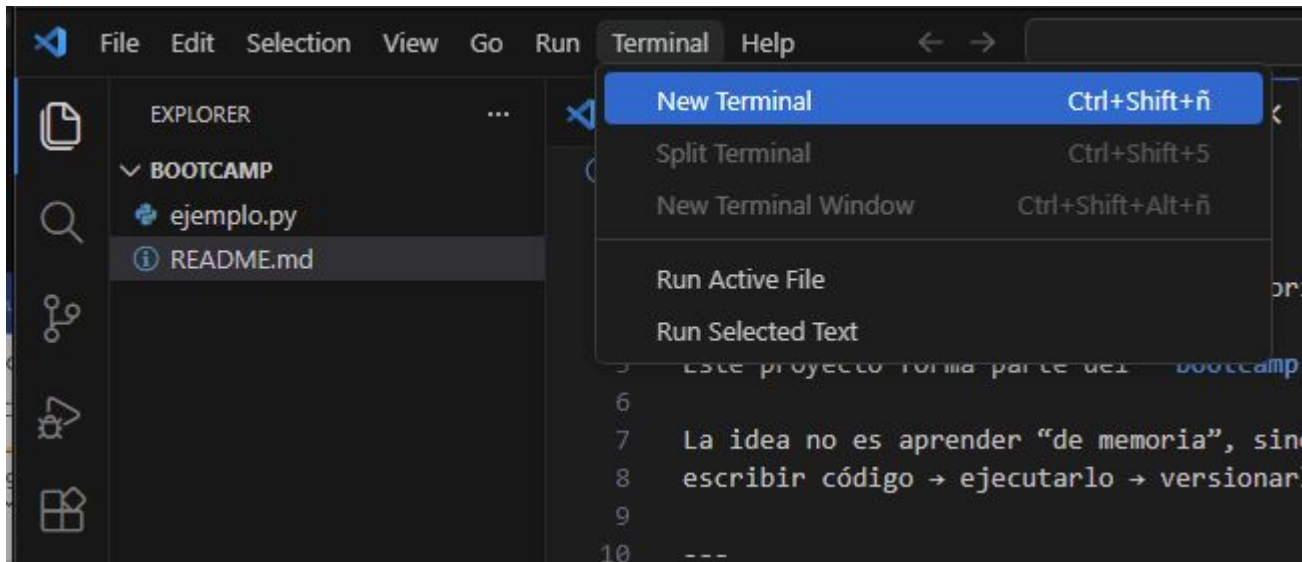
Video de como crear una cuenta github: [¿Cómo crear una cuenta en github? Paso a Paso](#)



Crear un repositorio en GitHub

1. Inicia sesión en GitHub.
2. Haz clic en **New repository**.
3. Asigna un nombre al repositorio (por ejemplo: **Bootcamp**).
4. Deja el repositorio como **Public**.
5. No marques todavía la opción de README.
6. Haz clic en **Create repository**.

Volviendo a Visual Studio Code



Abrir una terminal nueva

VSC + GitHub

Configurar nombre y correo

1. Abre una terminal en VS Code.
2. Ejecuta los siguientes comandos (reemplaza por tus datos reales):
git config --global user.name "Tu Nombre"
git config --global user.email "tu_correo@email.com"
3. Puedes verificar la configuración con:

git config --global --list

VSC + GitHub

Enlazar tu proyecto local con GitHub

1 Preparar el repositorio local

1. En la carpeta **Bootcamp**, asegúrate de tener al menos un archivo (**ejemplo.py**).
2. En la terminal ejecuta:
git status
git add .
git commit -m "Primer commit"

2 Conectar con GitHub

1. Copia la URL del repositorio creado en GitHub.
2. En la terminal ejecuta:
git branch -M main
git remote add origin URL_DEL_REPOSITORIO
git push -u origin main
3. Si todo resulta bien, tu código aparecerá en GitHub.