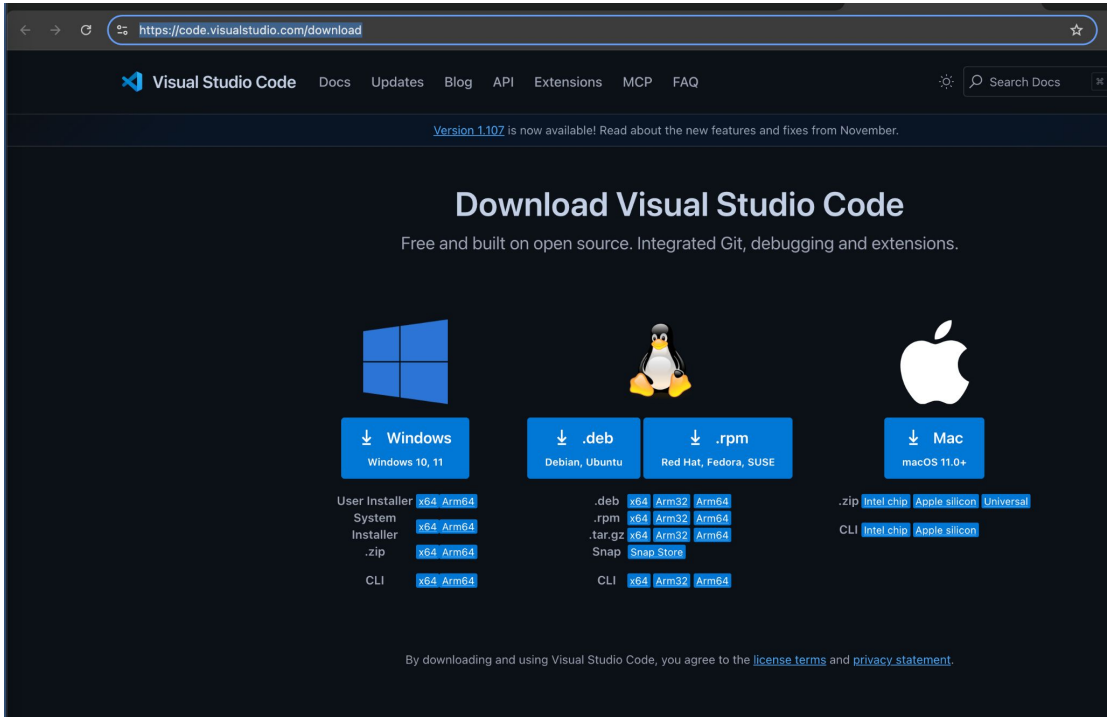
Descargar VSC



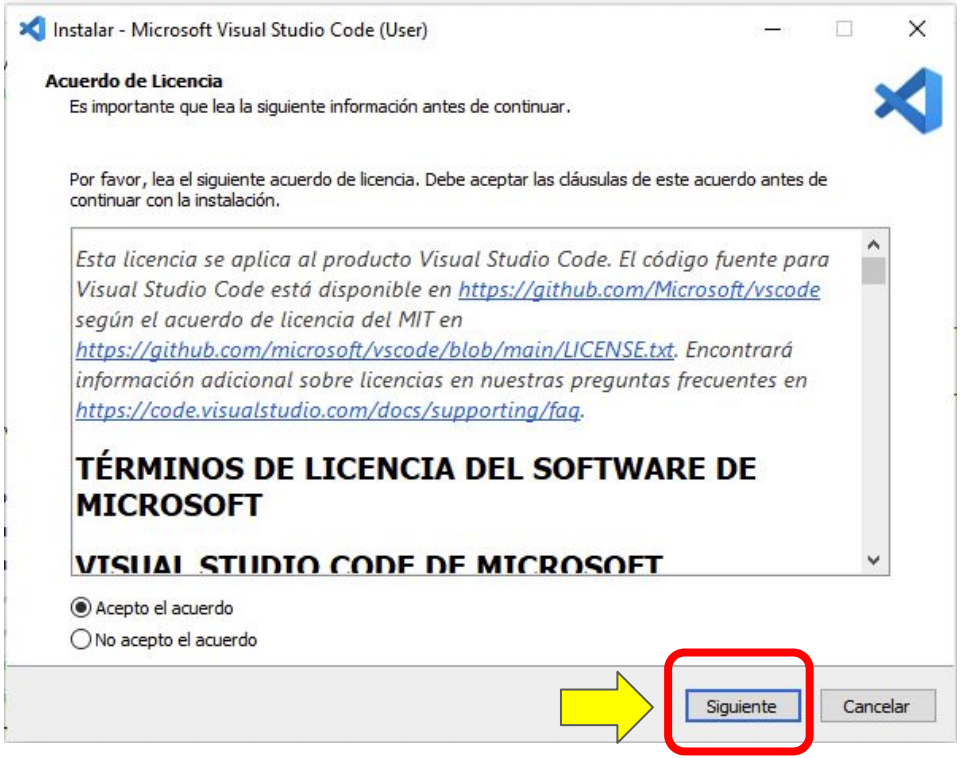
https://code.visualstudio.com/download

Resumen:

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

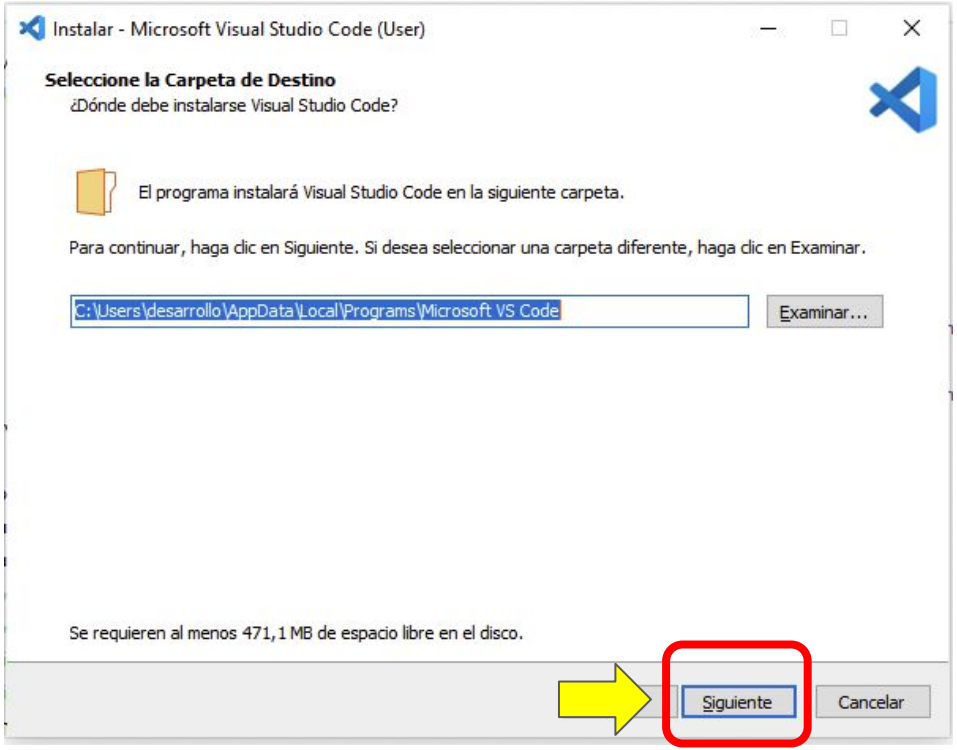
alkemy

Instalando VSC



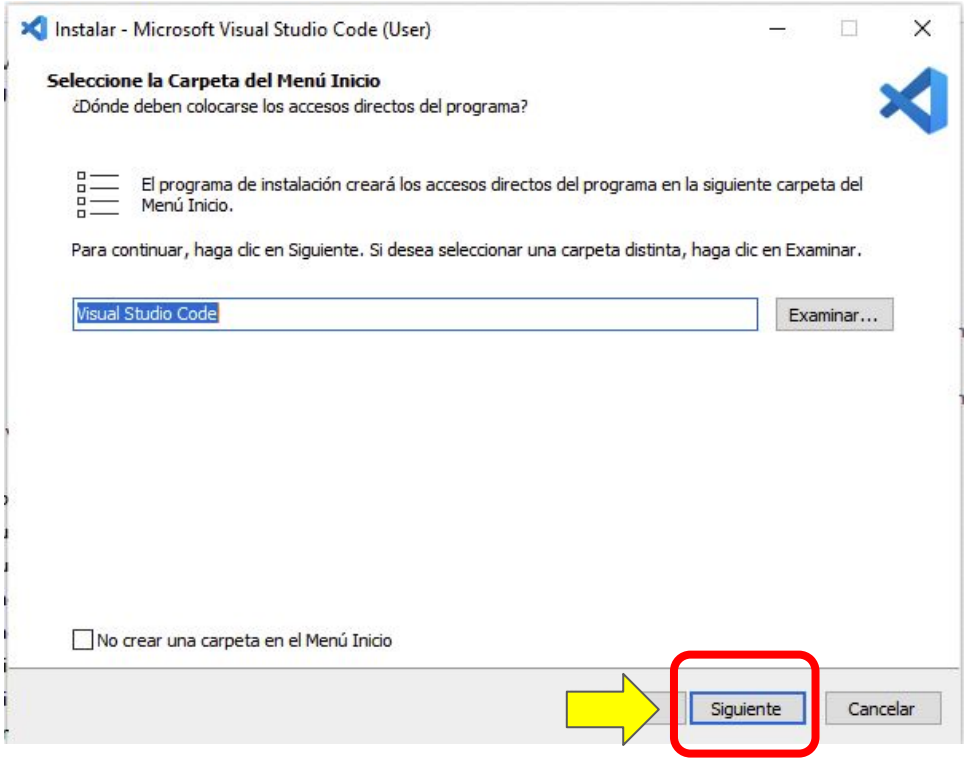
alkemy

Instalando VSC



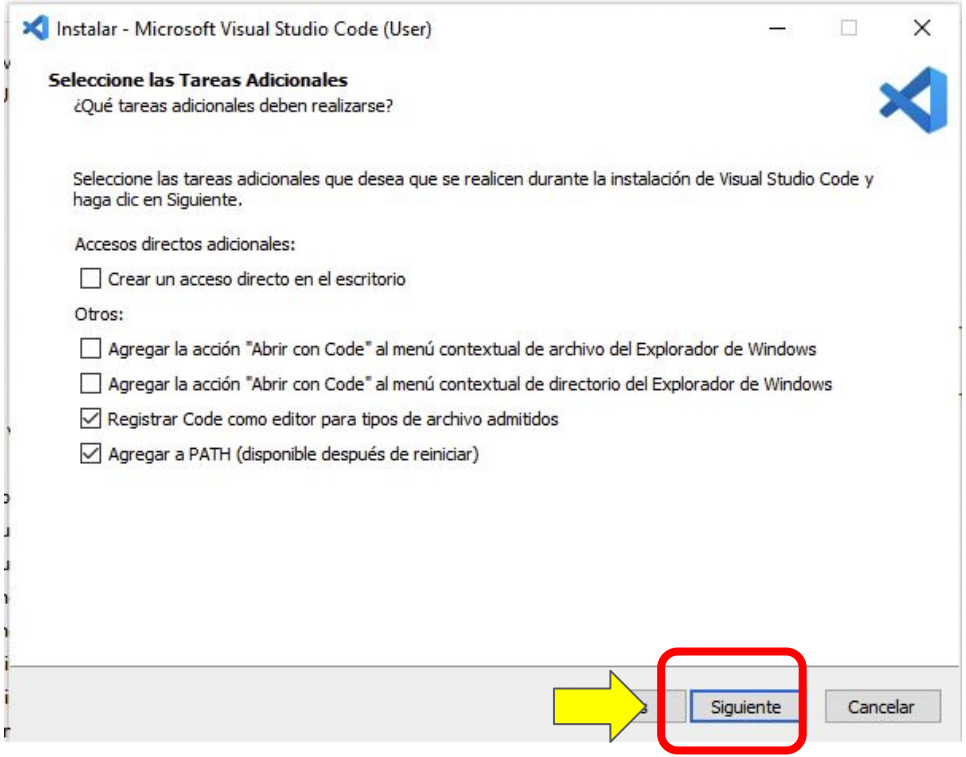
alkemy

Instalando VSC



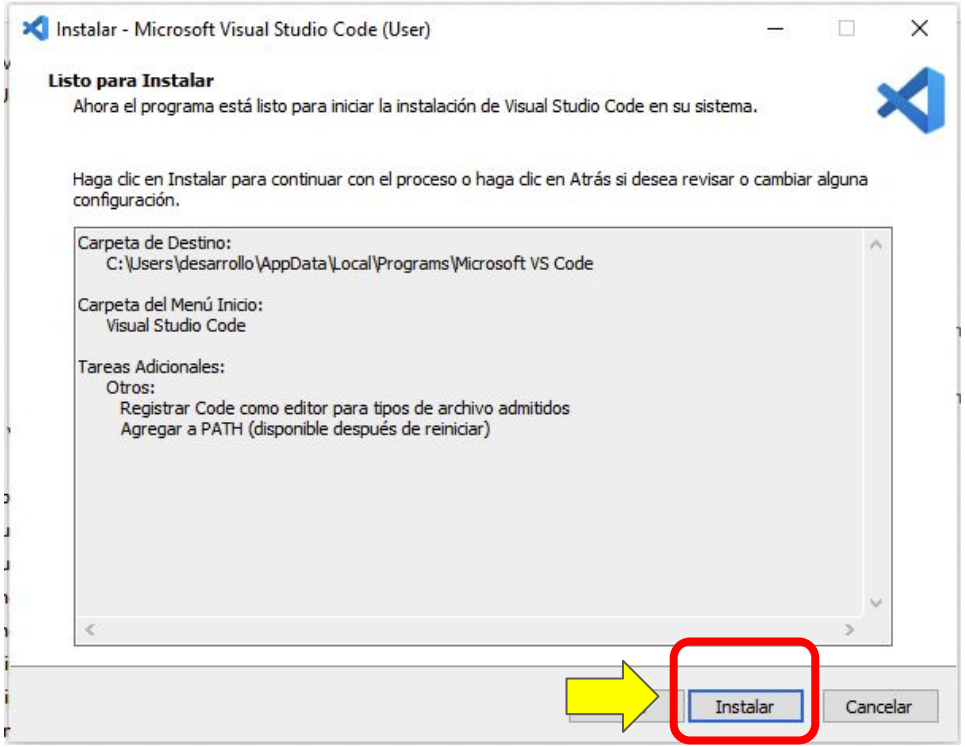
alkemy

Instalando VSC



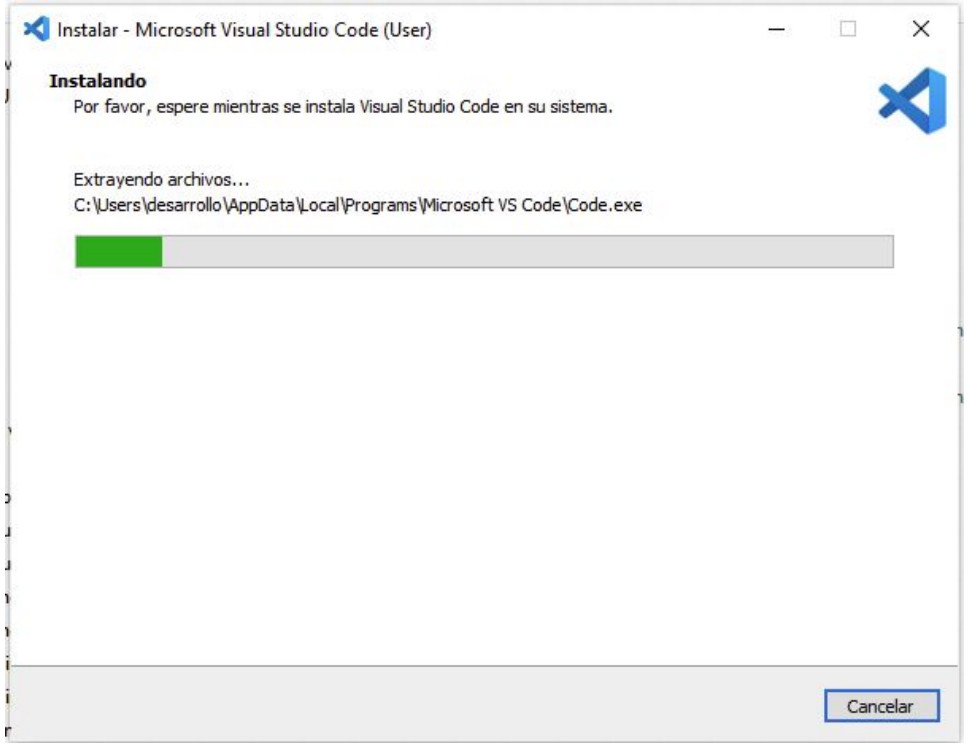
alkemy

Instalando VSC



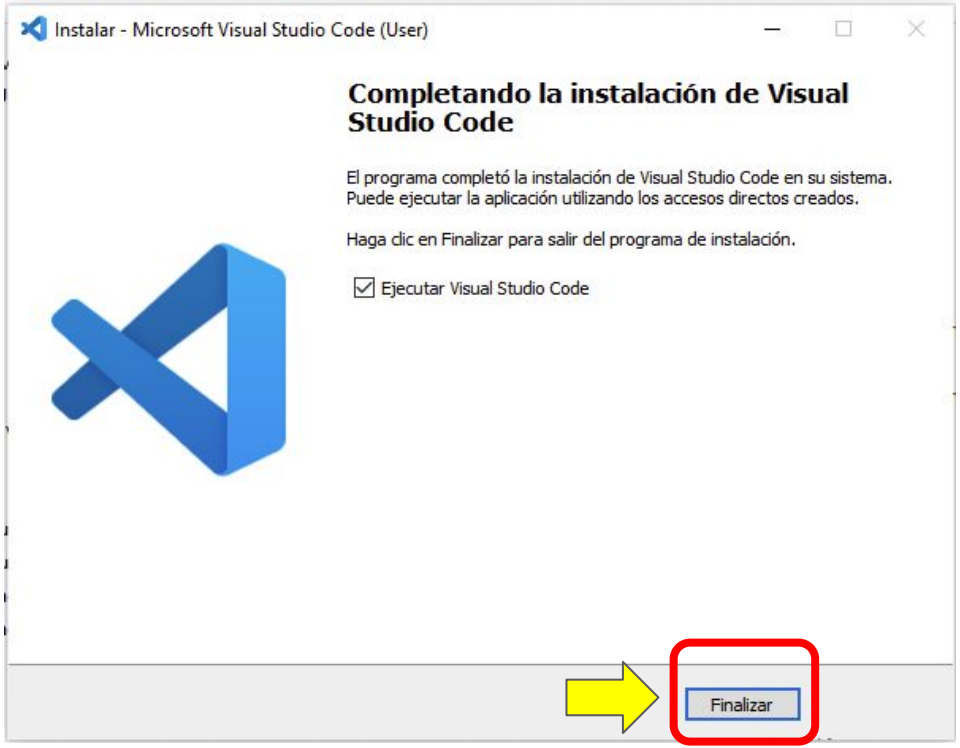
alkemy

Instalando VSC



alkemy

Instalando VSC



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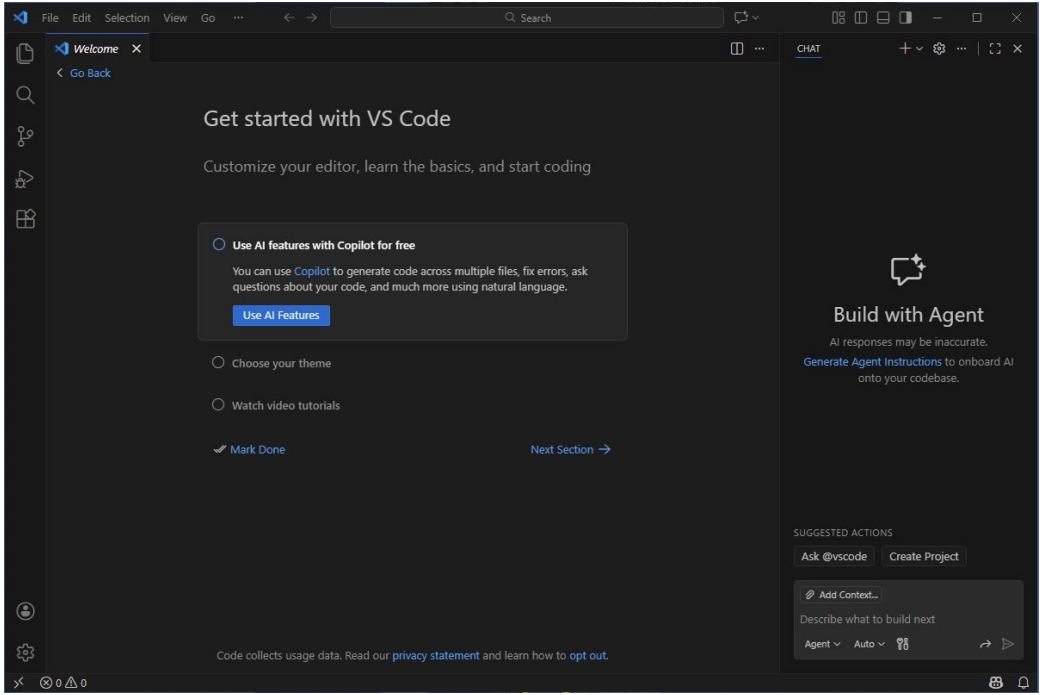
VSC Instalado

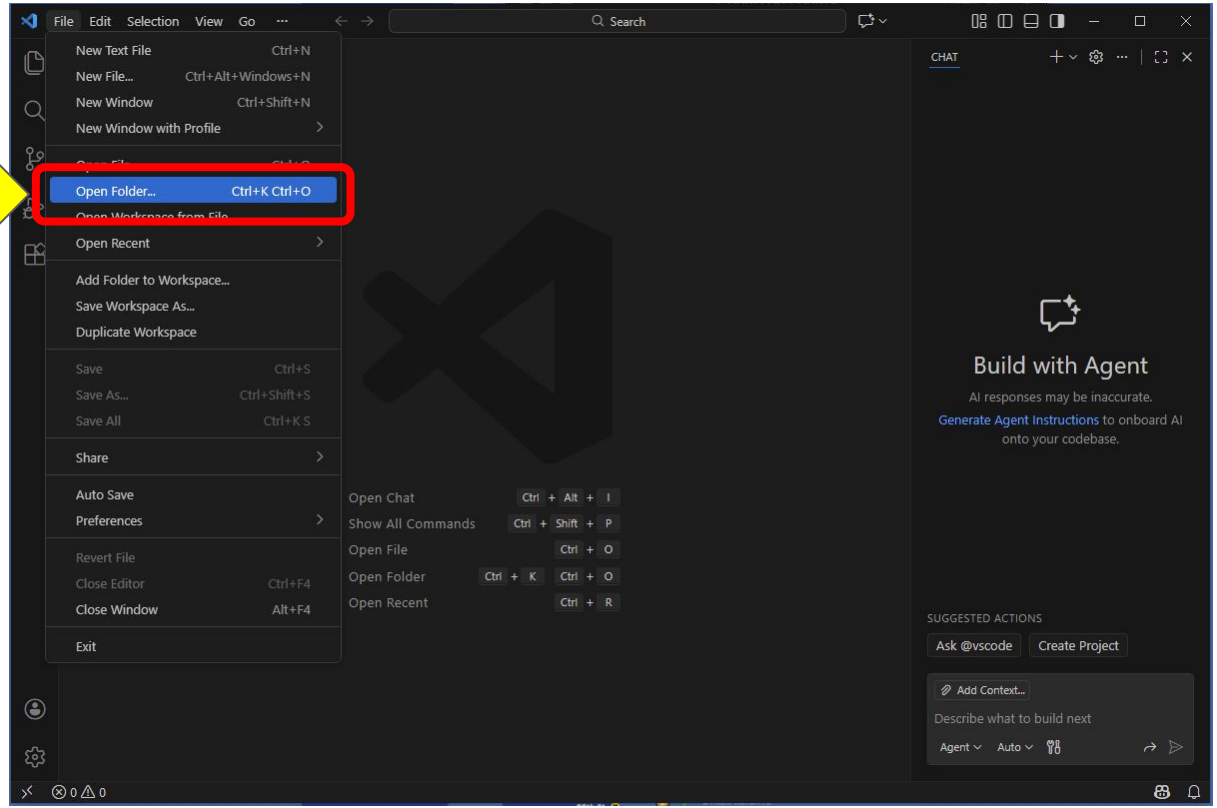


Esta es la pantalla de Visual Studio Code, ahora ideal que creen una carpeta donde crearán el primer programa de python.

alkemy

VSC

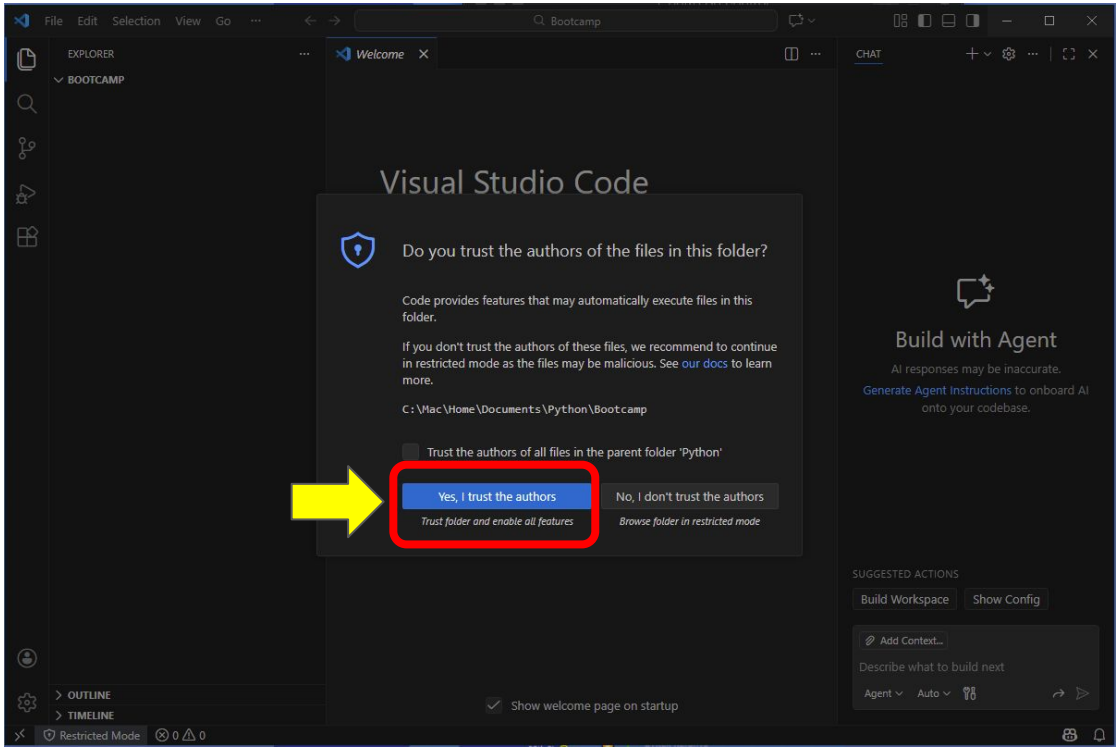
Ir a :



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

alkemy

VSC



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

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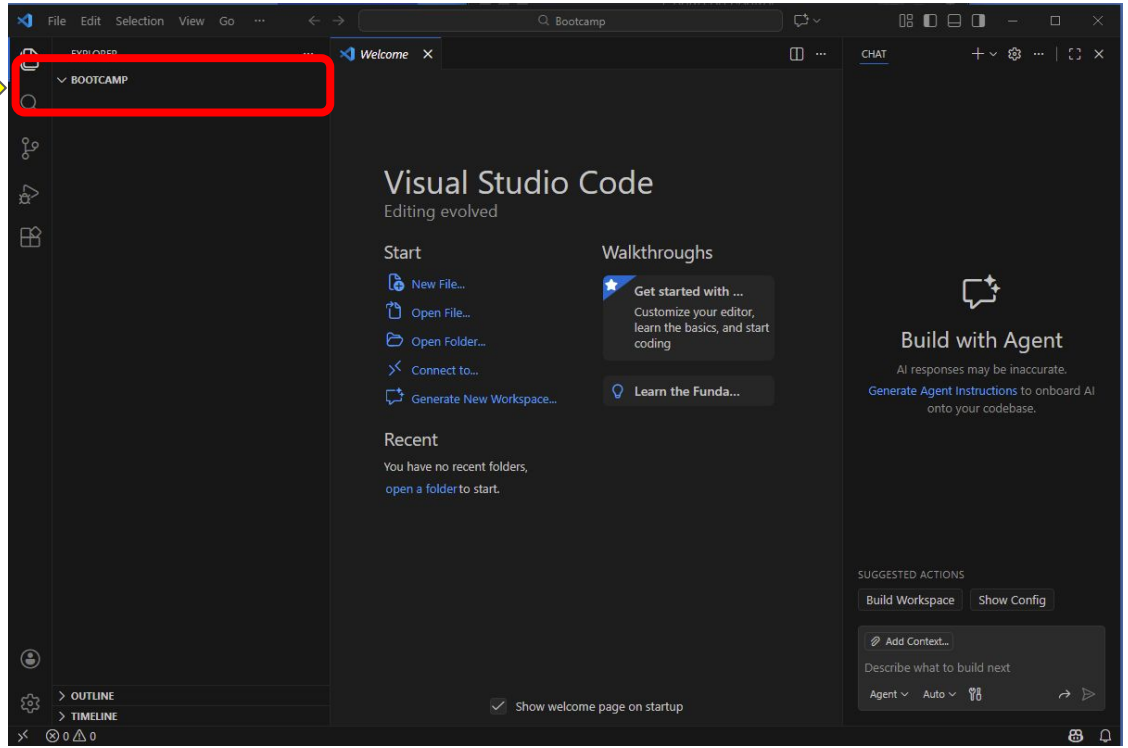
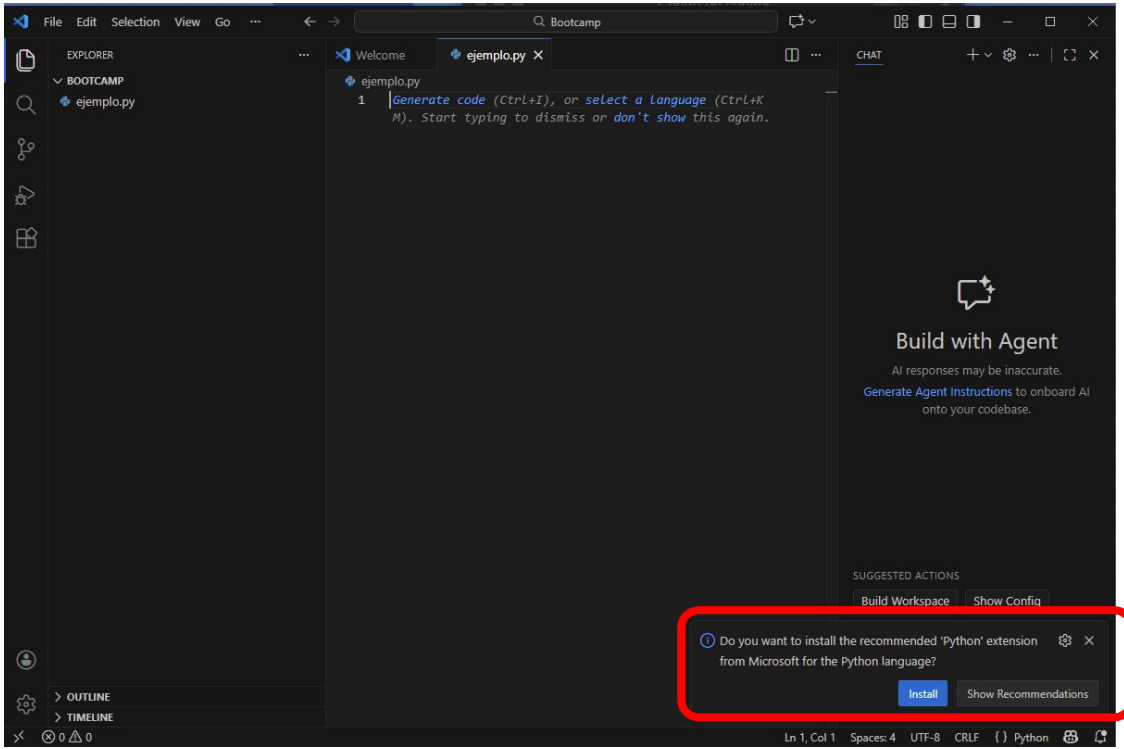
VSC

Carpeta creada!



VSC



Te sugiere instalar una extensión de python, ok

alkemy

VSC


File Edit Selection View Go Run
Bootcamp
EXTENSIONS: MARKETPLACE
@id:ms-python.python
Python
Python language support with exte...
Microsoft
Installing
Welcome
ejemplo.py
Extension: Python
Python
Microsoft microsoft.com
196,075,366
(619)
Python language support with extension access points for IntelliSense (Pylance), D...
Installing
Auto Update
DETAILS
FEATURES
CHANGELOG
EXTENSION PACK
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
The Python extension does offer some support when running on vscode.dev (which includes github.dev). 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
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
CHAT
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
0 0

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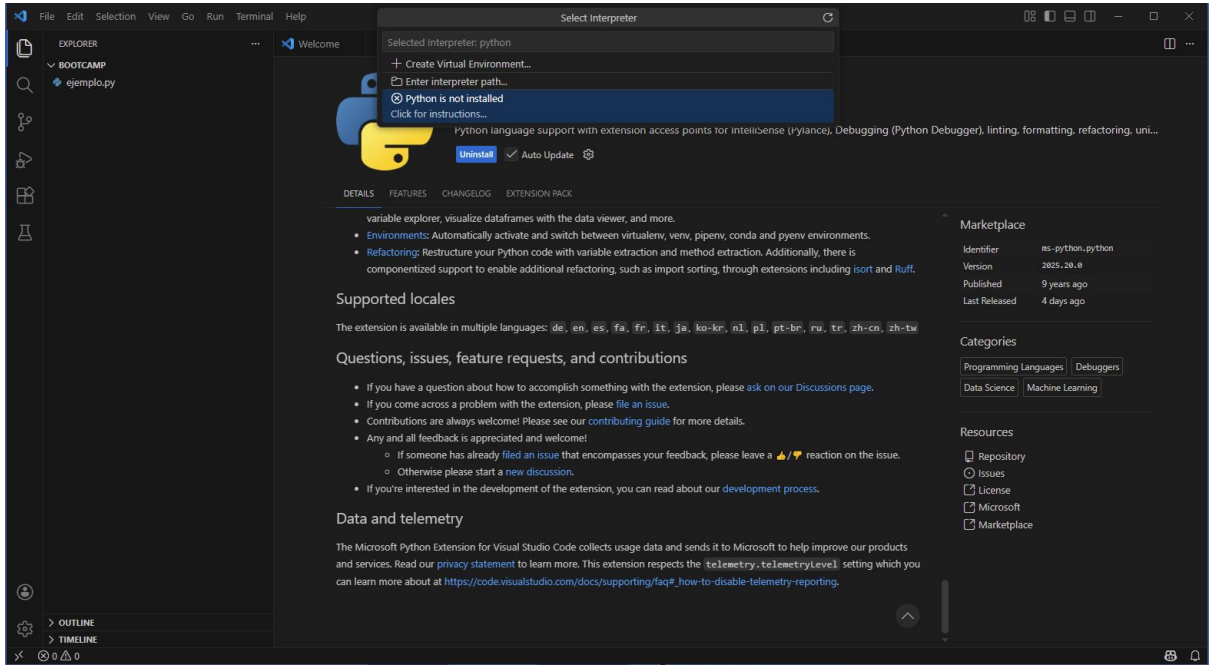
VSC

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

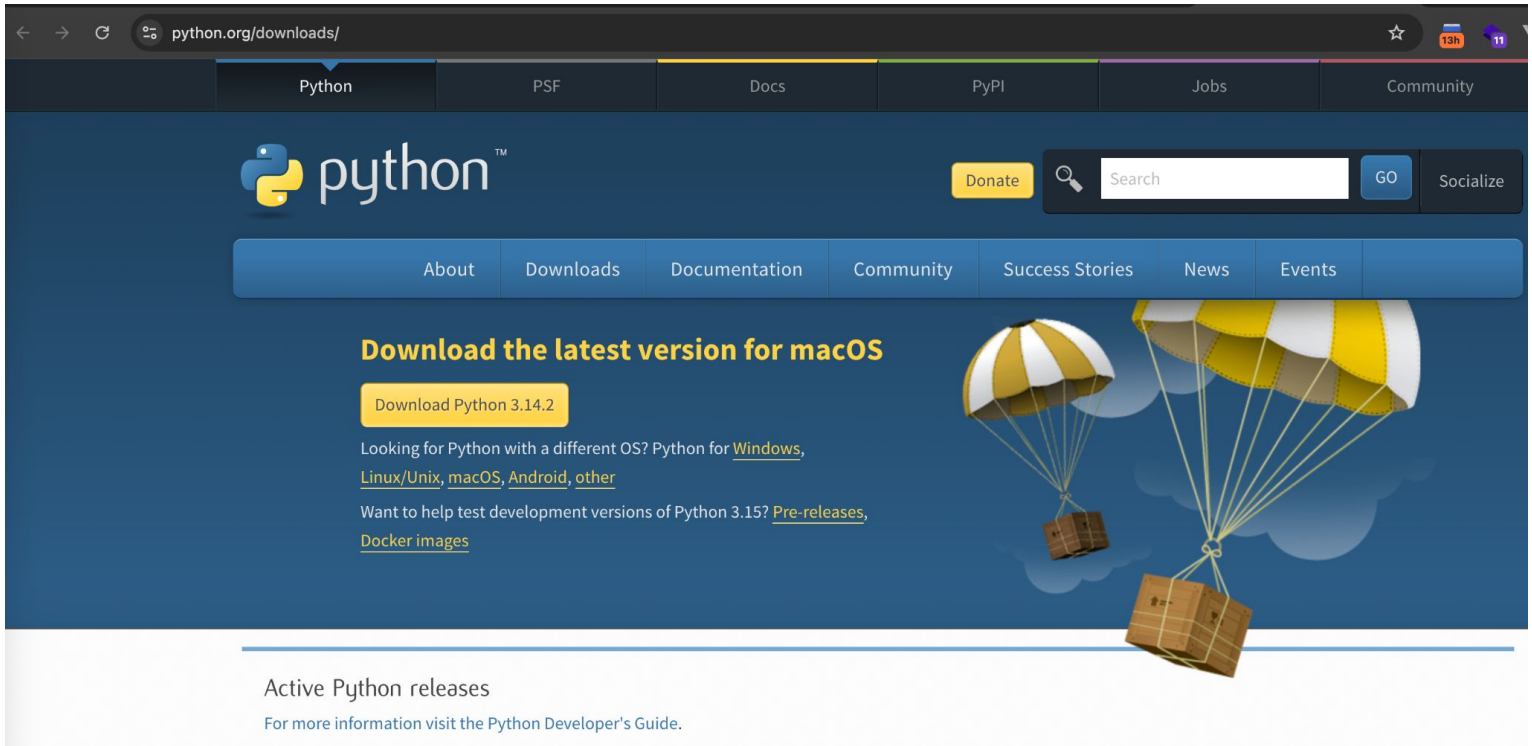


Si aparece este mensaje, indica que no tienes instalado Python en tu equipo. Y hay que instalarlo.

alkemy

Instalando Python

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



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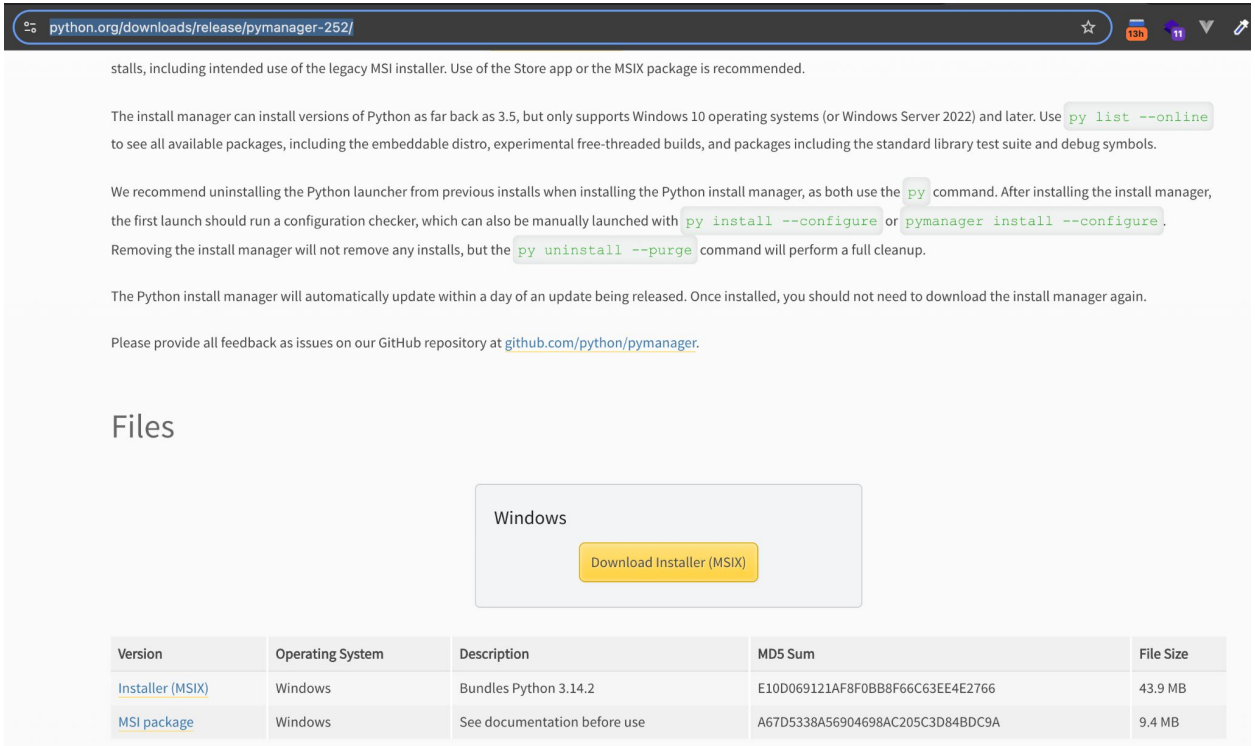
Instalando Python

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



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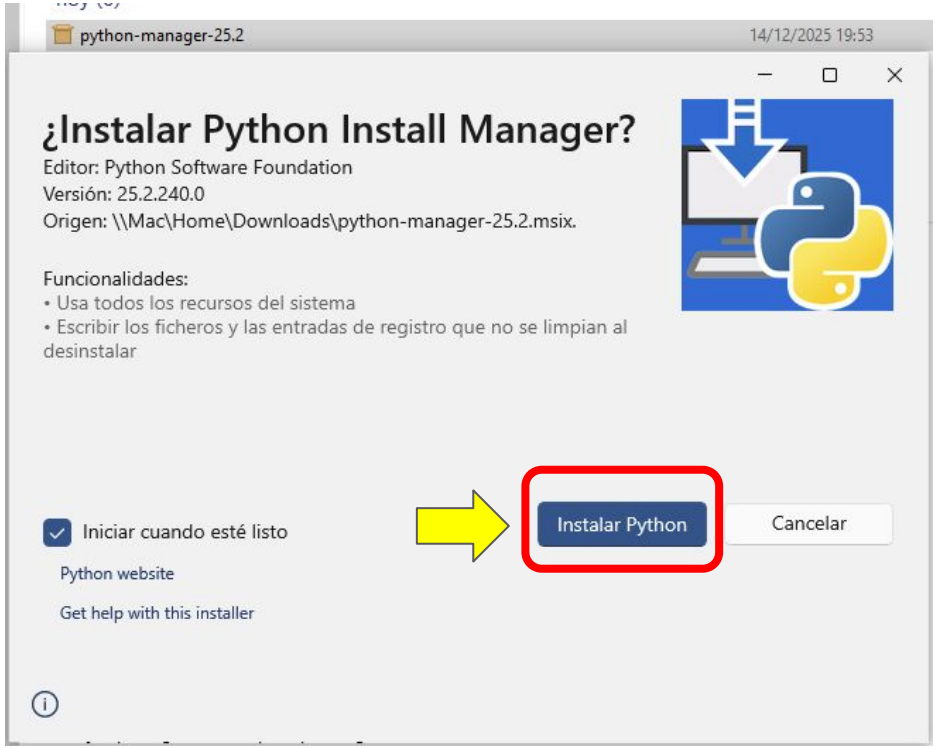
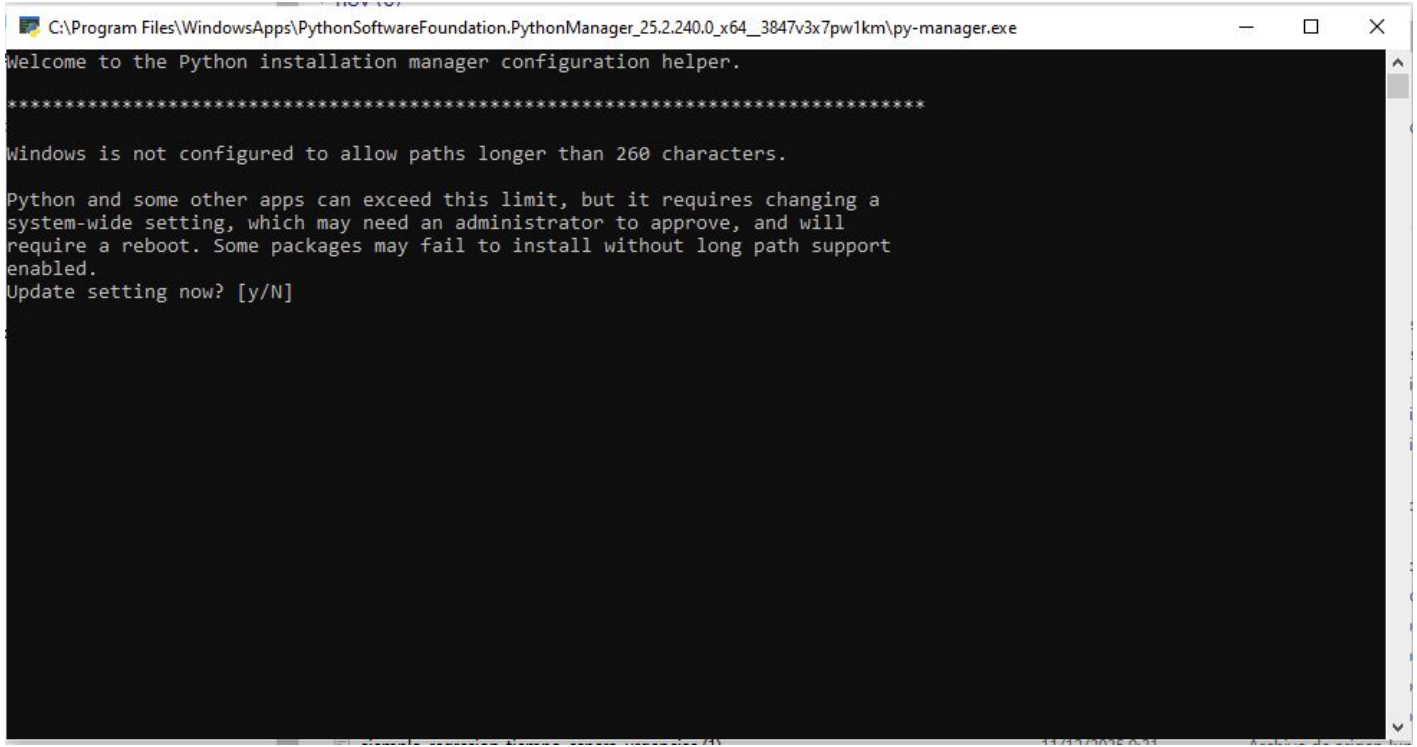
Instalando Python



alkemy

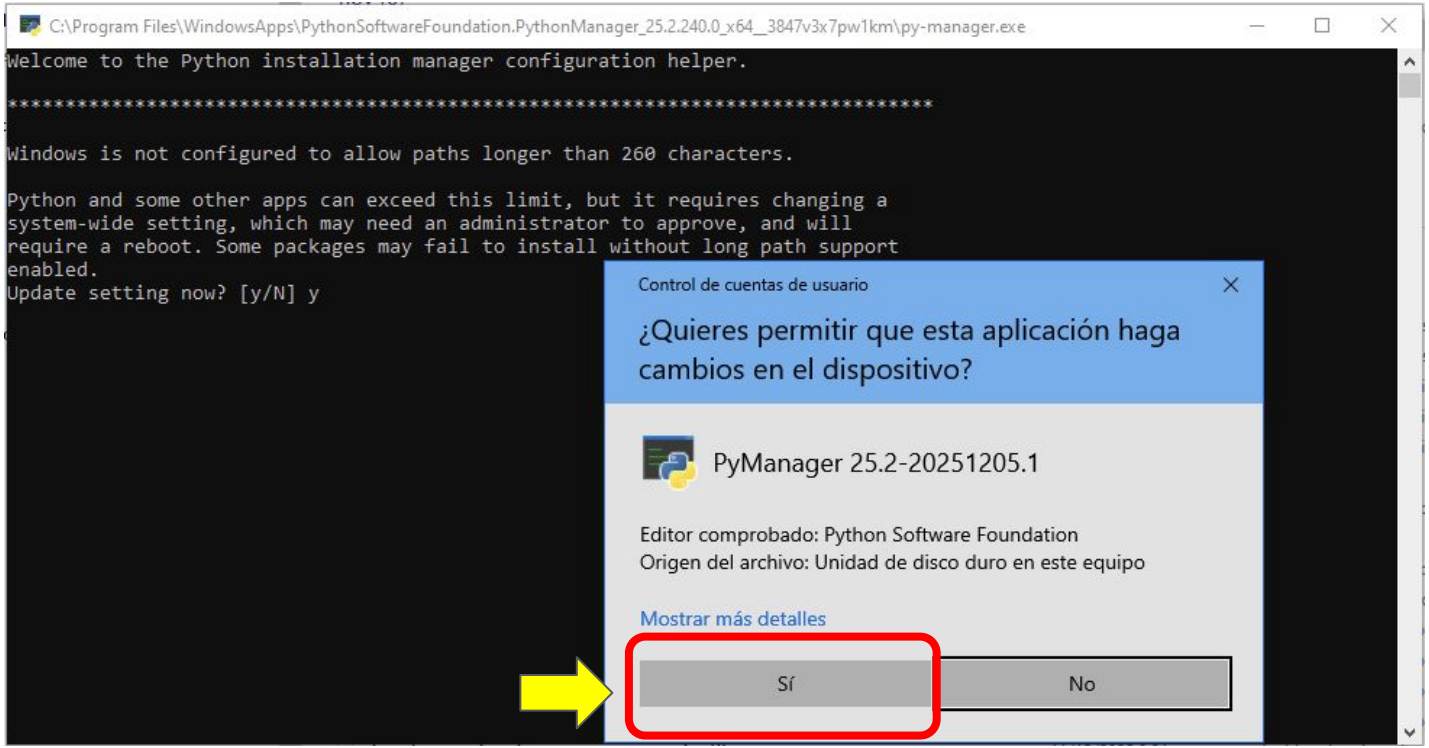
Instalando Python

y



alkemy

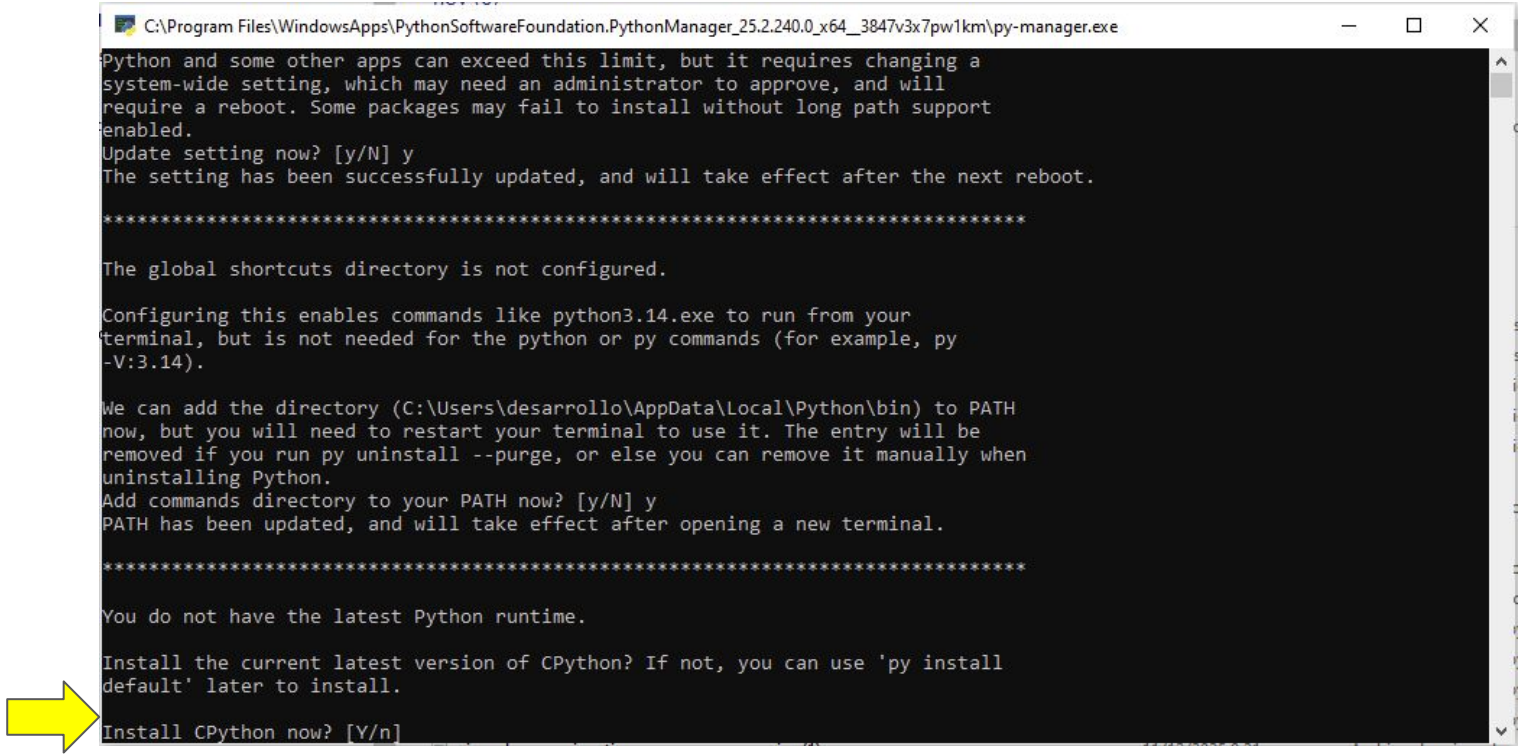
Instalando Python



alkemy

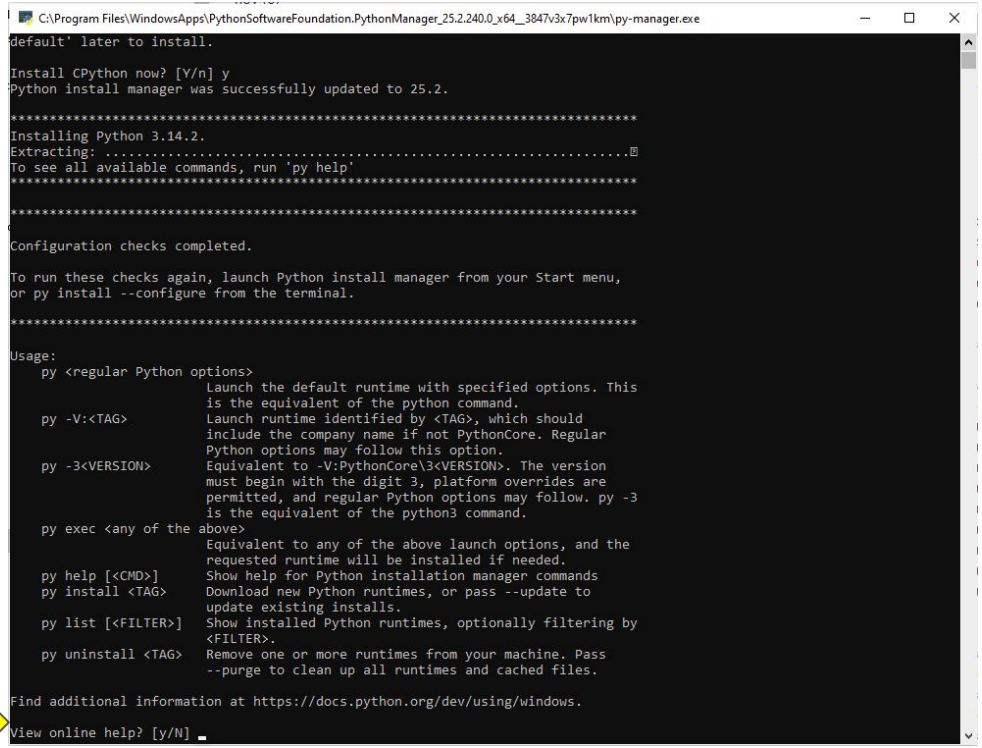
Instalando Python

y



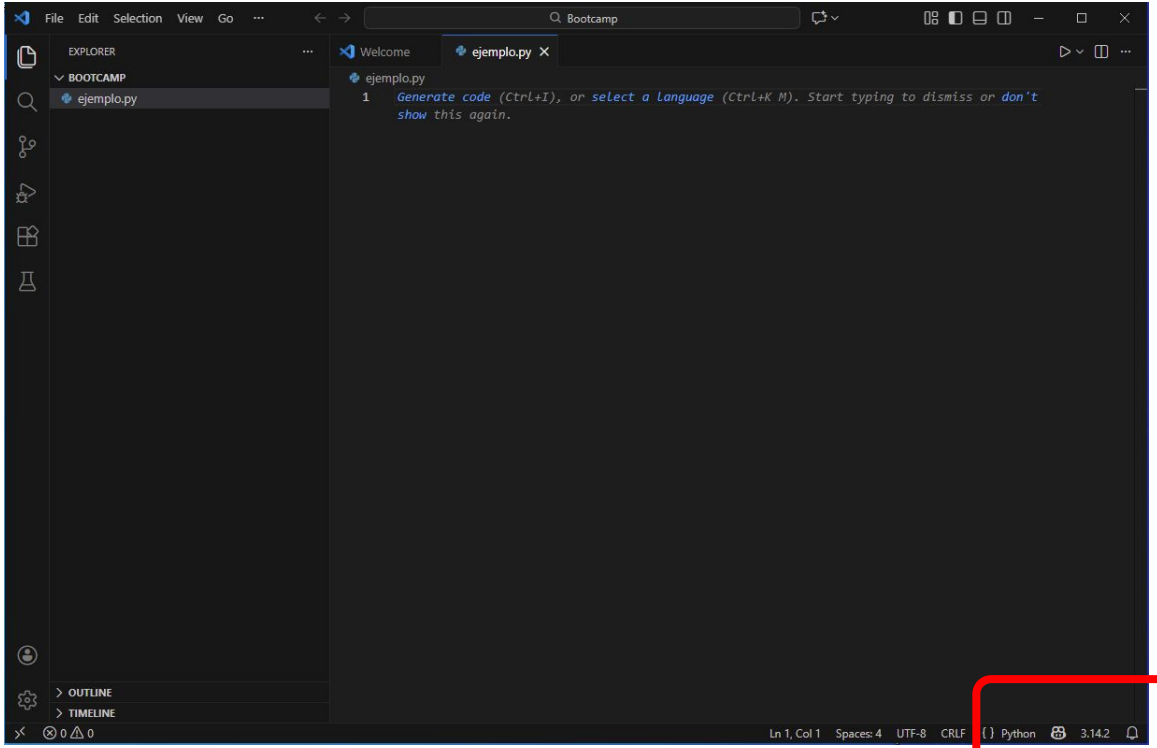
alkemy

Instalando Python



y

Instalando Python



Se debe ver la versión de python que tienen instalada

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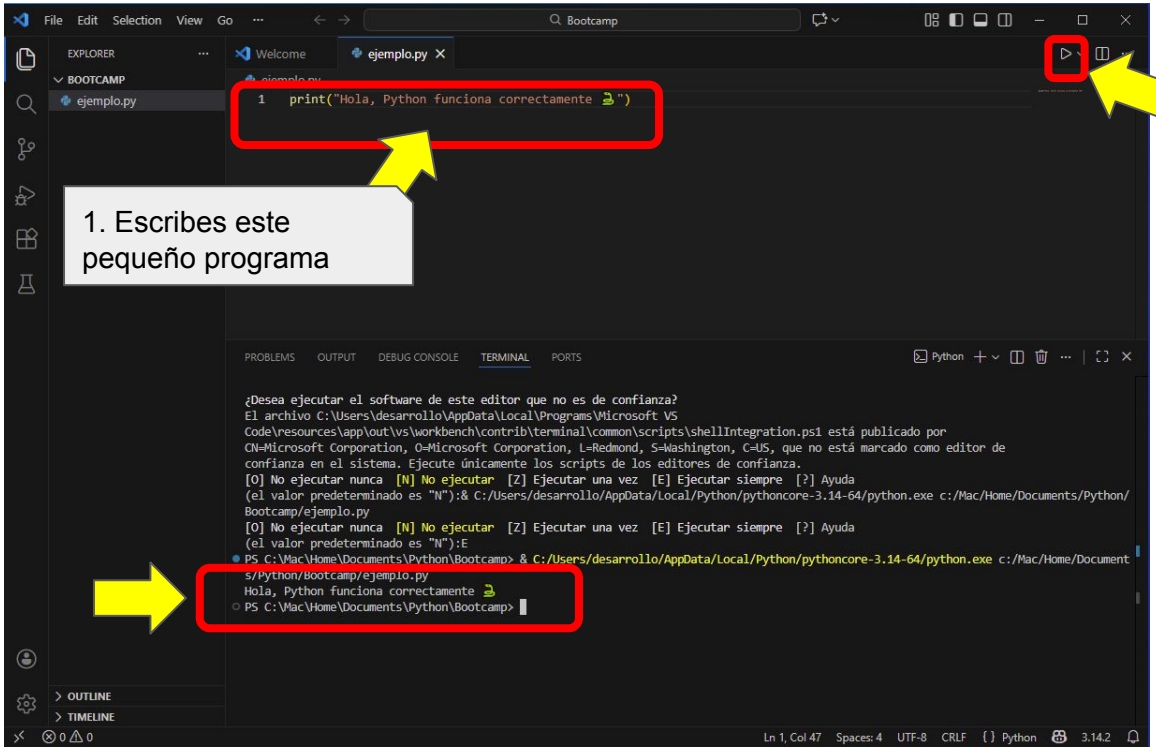
Instalando Python



3. Esta funcionando correctamente

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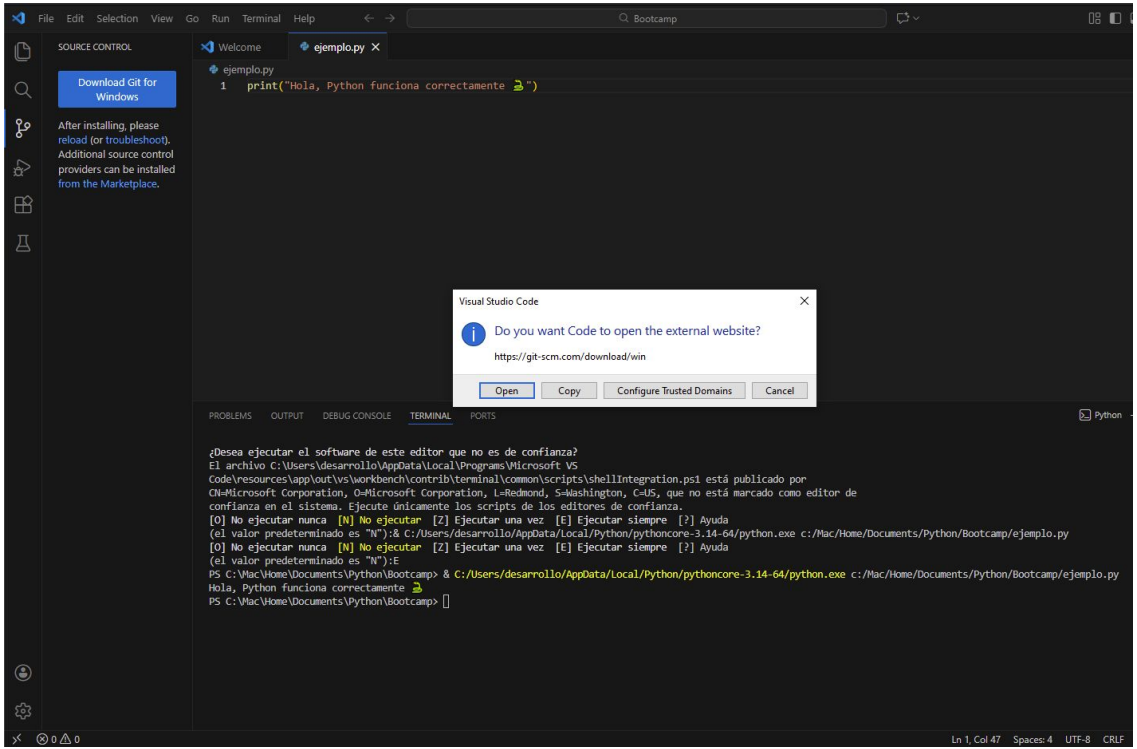
Instalando Git

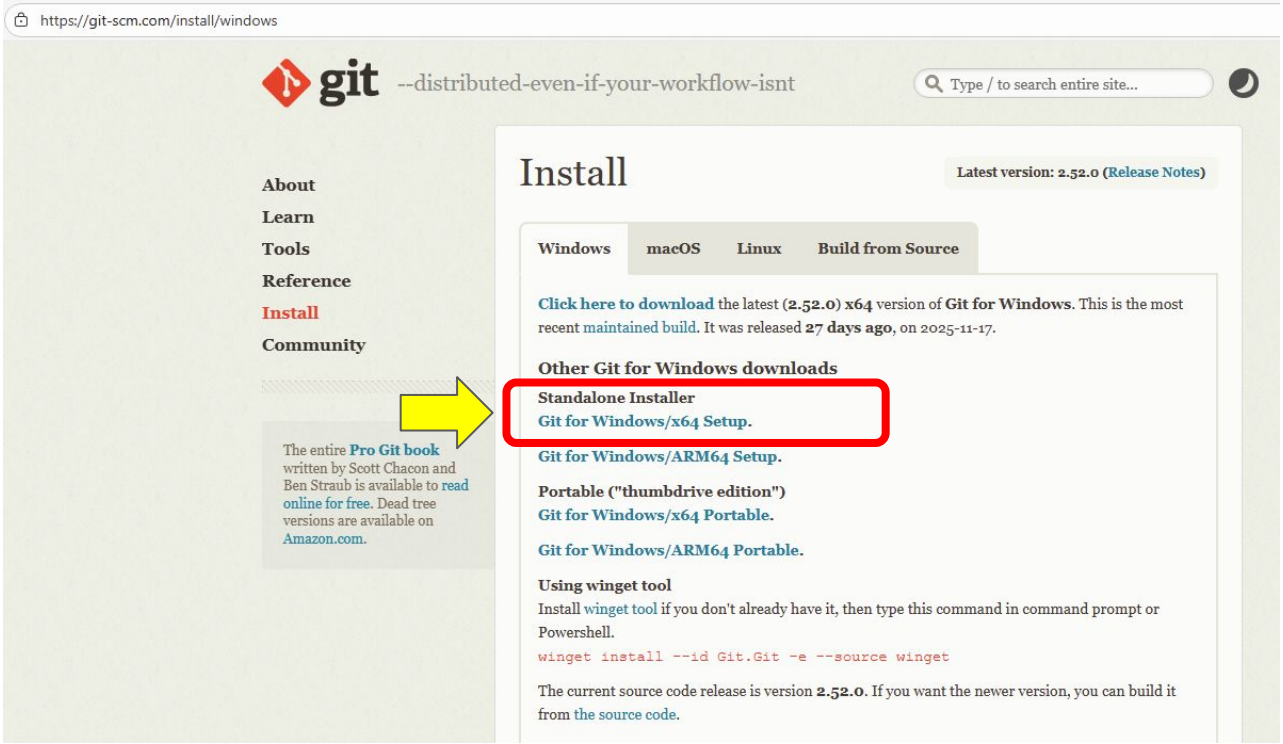


Ahora nos falta instalar Git -> Seleccionar Open

alkemy

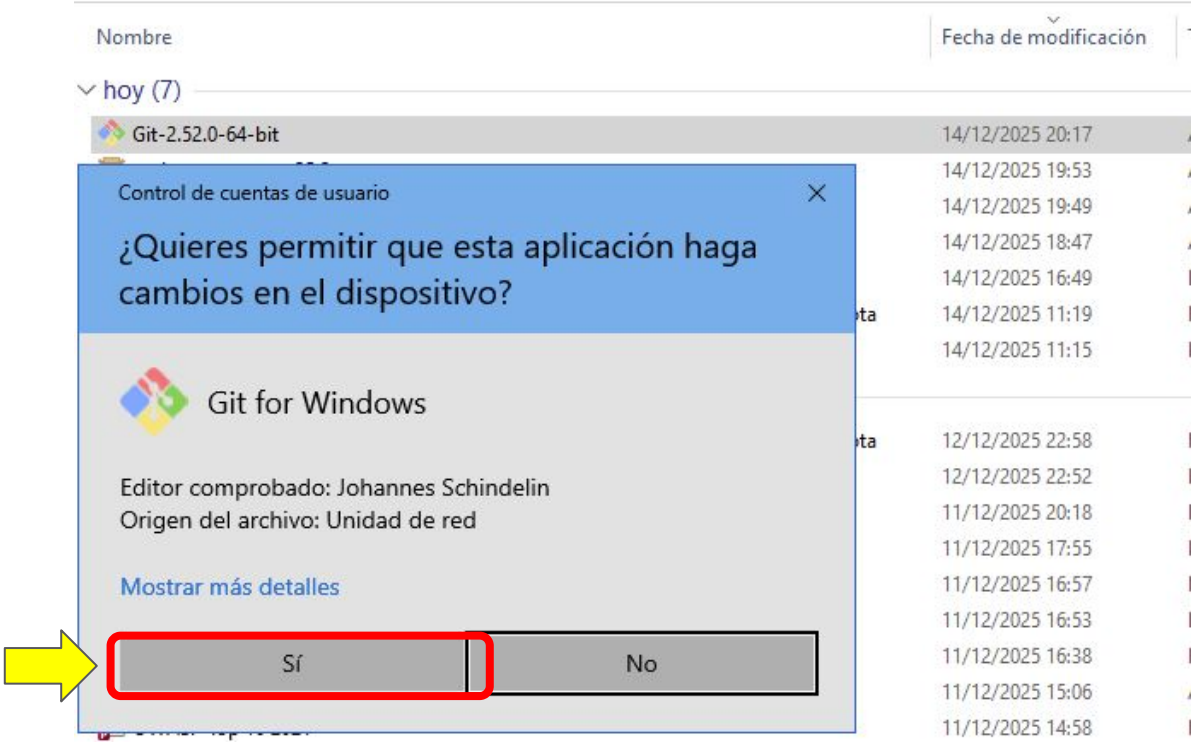
Git

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



alkemy

Git


Nombre
Fecha de modificación
hoy (7)
Git-2.52.0-64-bit
14/12/2025 20:17
14/12/2025 19:53
14/12/2025 19:49
14/12/2025 18:47
14/12/2025 16:49
14/12/2025 11:19
14/12/2025 11:15
12/12/2025 22:58
12/12/2025 22:52
11/12/2025 20:18
11/12/2025 17:55
11/12/2025 16:57
11/12/2025 16:53
11/12/2025 16:38
11/12/2025 15:06
11/12/2025 14:58
Control de cuentas de usuario
¿Quieres permitir que esta aplicación haga cambios en el dispositivo?
Git for Windows
Editor comprobado: Johannes Schindelin
Origen del archivo: Unidad de red
Mostrar más detalles
Sí
No

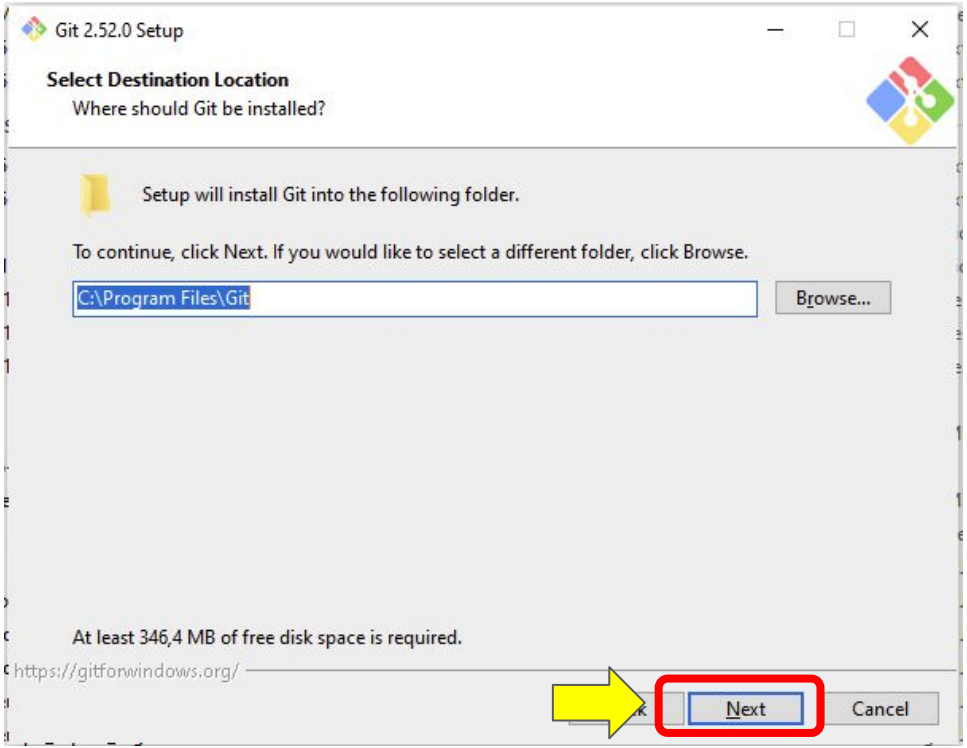
alkemy

Git


Git 2.52.0 Setup
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 free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.
https://gitforwindows.org/
Next
Cancel

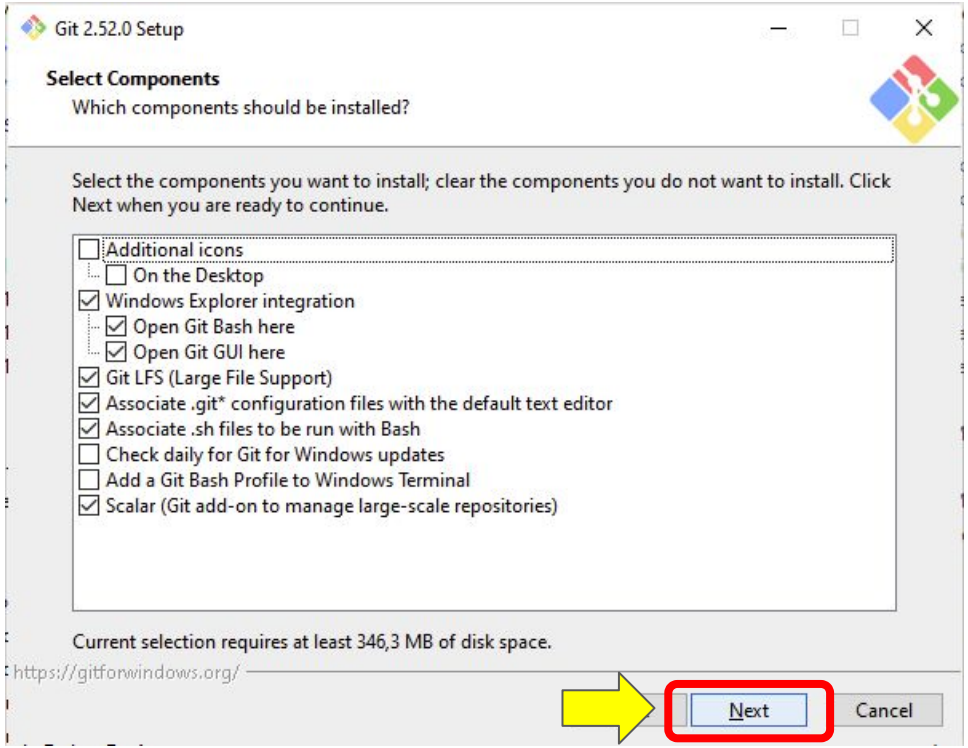
alkemy

Git


Git 2.52.0 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 346,4 MB of free disk space is required.
https://gitforwindows.org/
Next
Cancel

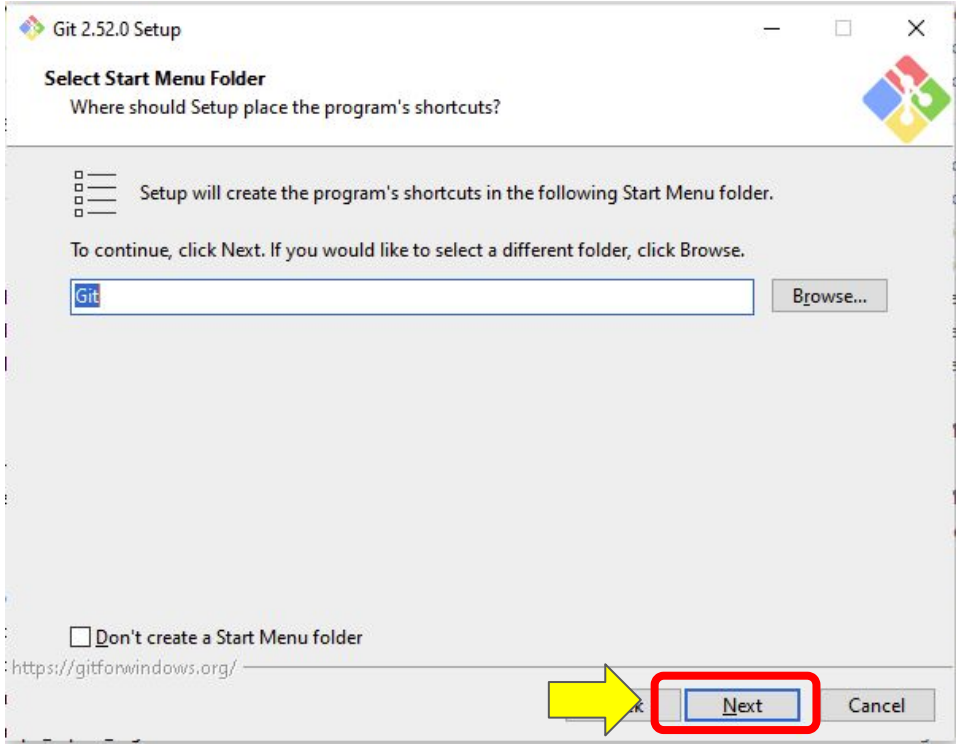
alkemy

Git


Git 2.52.0 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
Add a Git Bash Profile to Windows Terminal
Scalar (Git add-on to manage large-scale repositories)
Current selection requires at least 346,3 MB of disk space.
https://gitforwindows.org/
Next
Cancel

alkemy

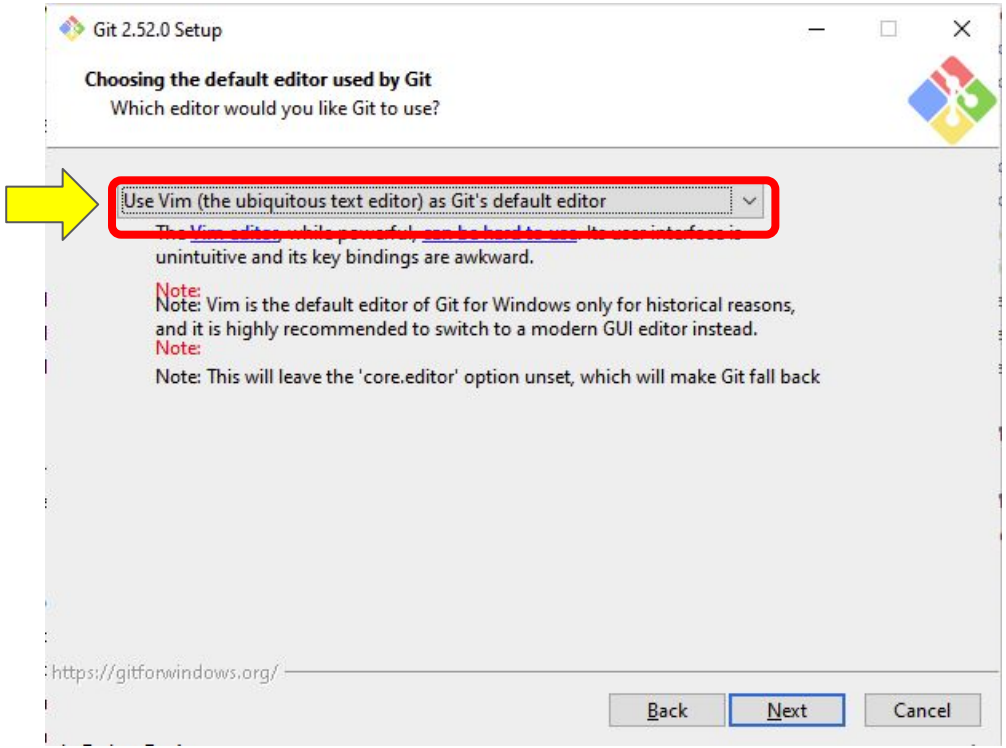
Git


Git 2.52.0 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/
Next
Cancel

alkemy

Git

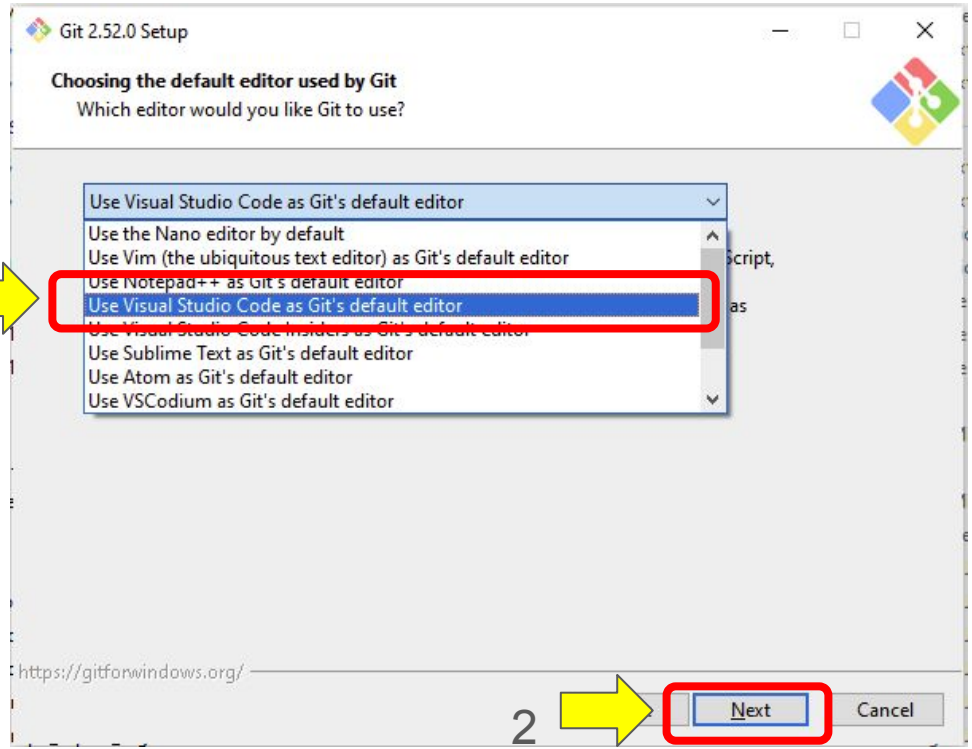
Abrir para seleccionar otra opción



alkemy

Git

1

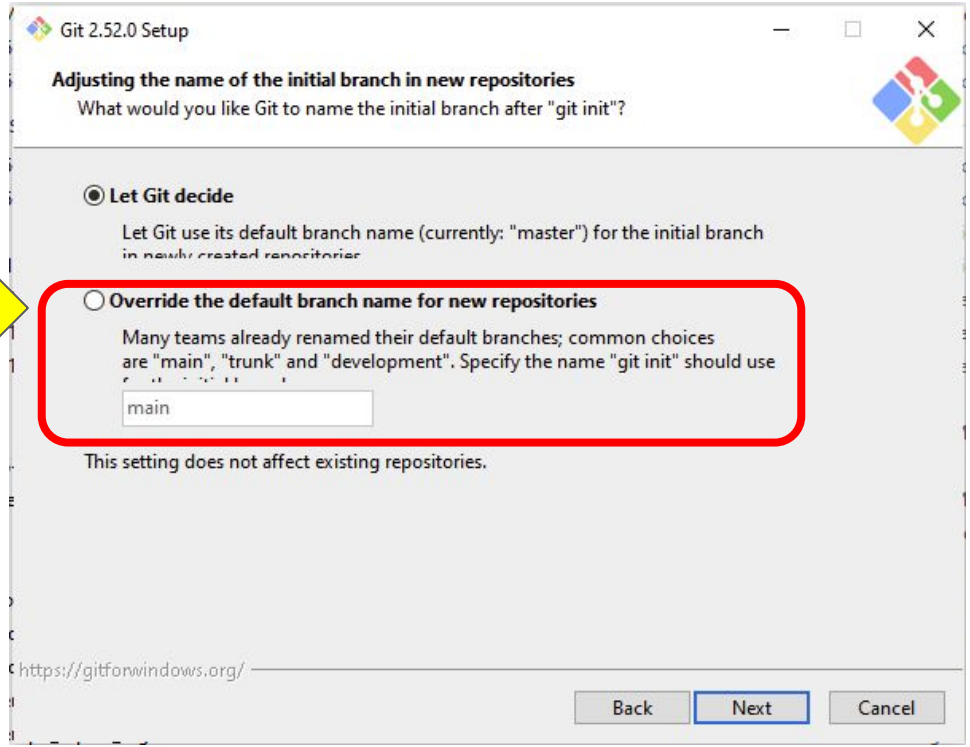


2

alkemy

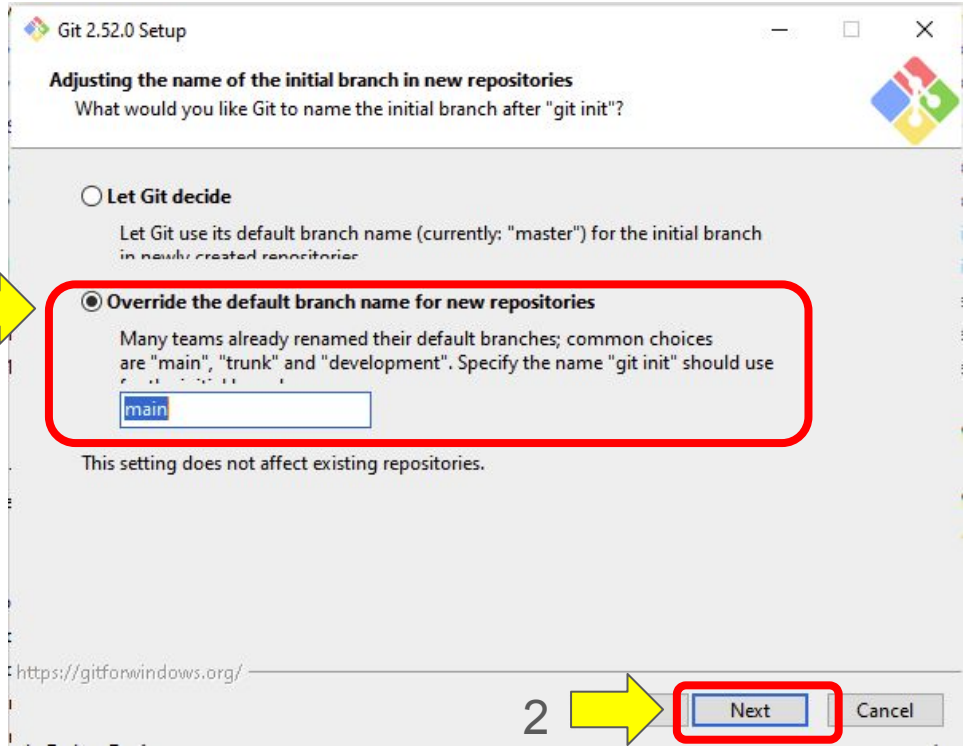
Git

Cambiar



alkemy

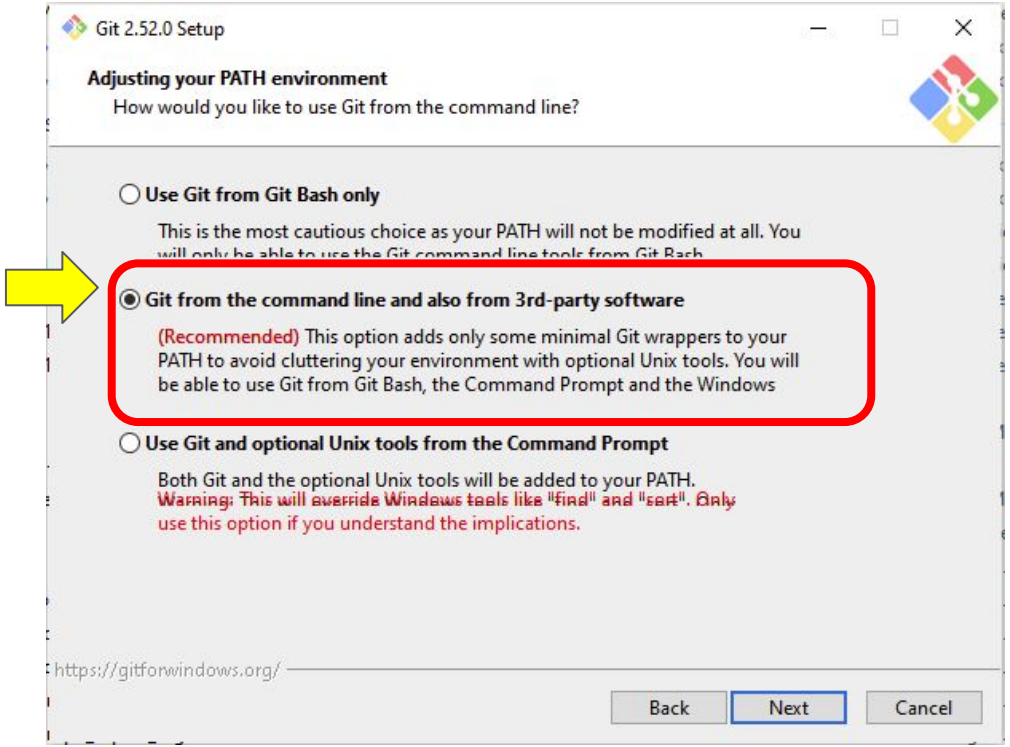
Git


Git 2.52.0 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
Override the default branch name for new repositories
Many teams already renamed their default branches; common choices
are "main", "trunk" and "development". Specify the name "git init" should use
main
This setting does not affect existing repositories.
https://gitforwindows.org/
Next
Cancel
1
2

alkemy

Git

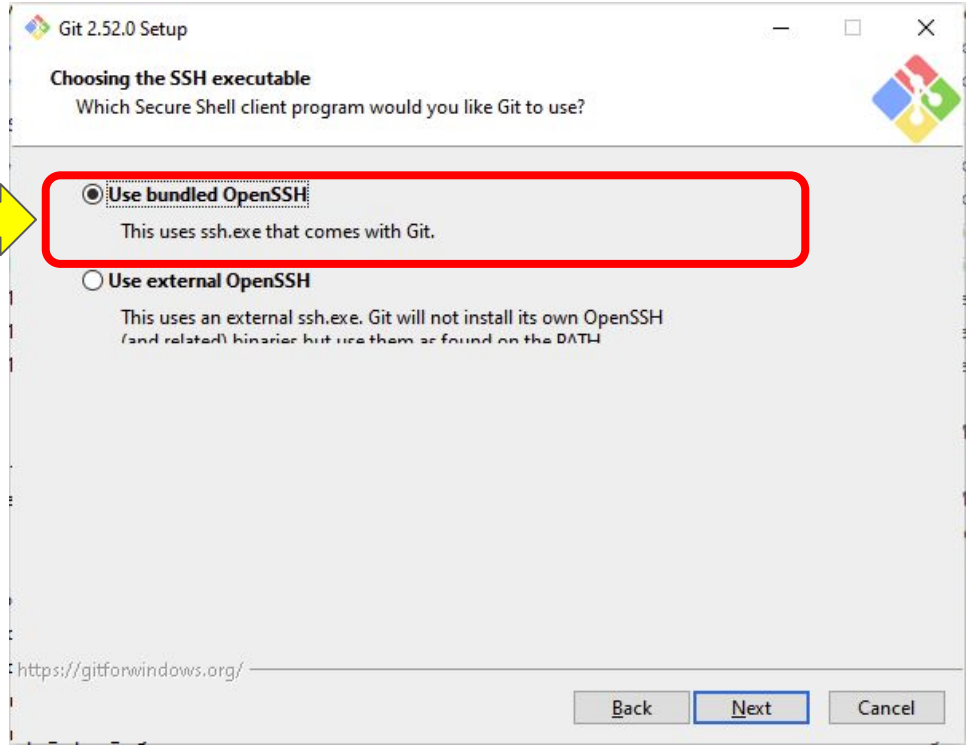
Nos quedamos con la opción seleccionada y next



alkemy

Git

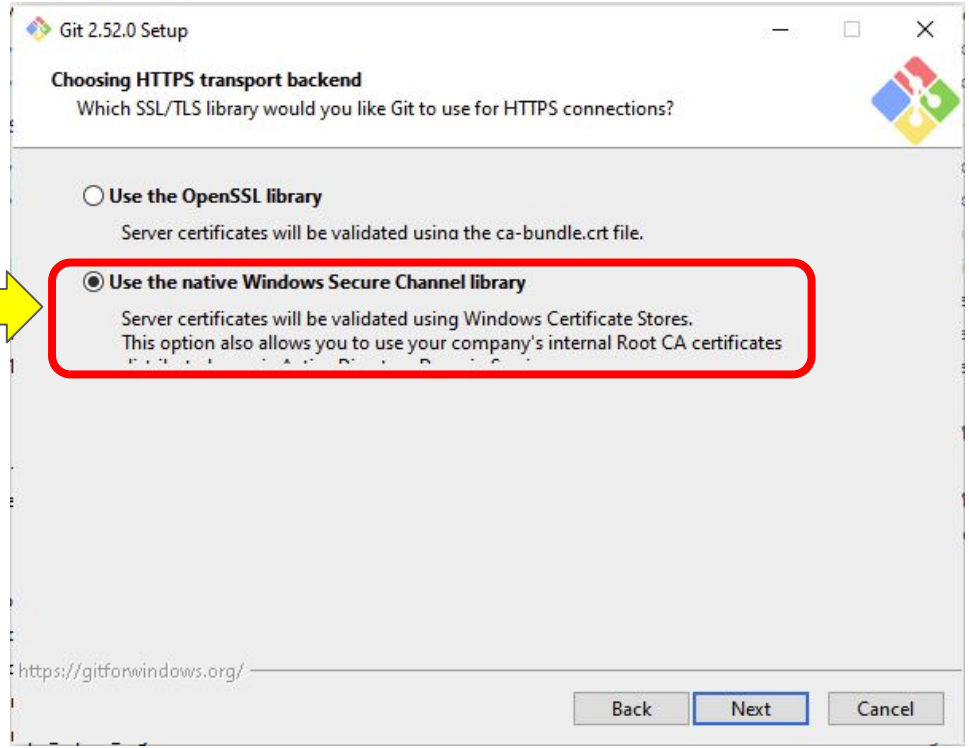
Esta opción y luego y next



alkemy

Git

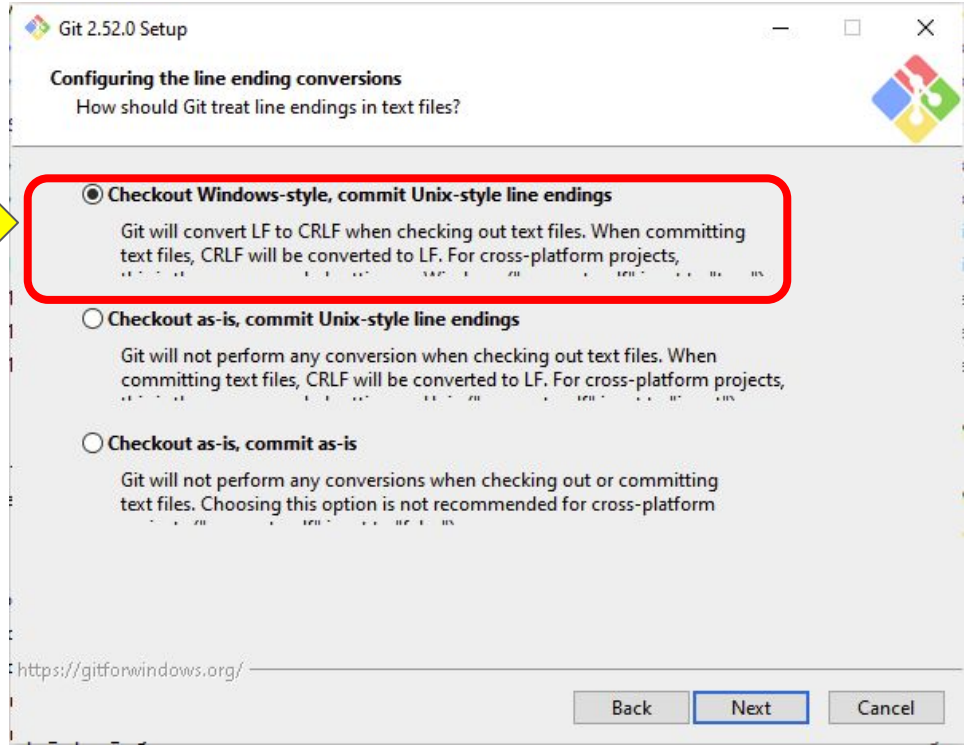
Esta opción y luego y next



alkemy

Git

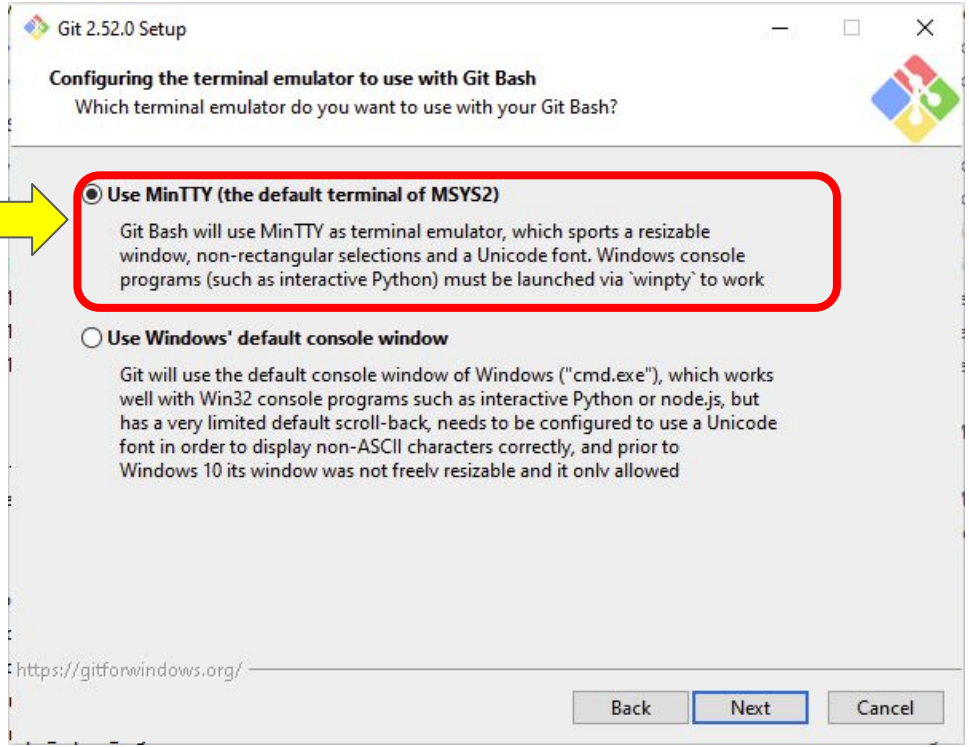
Esta opción y luego y next



alkemy

Git

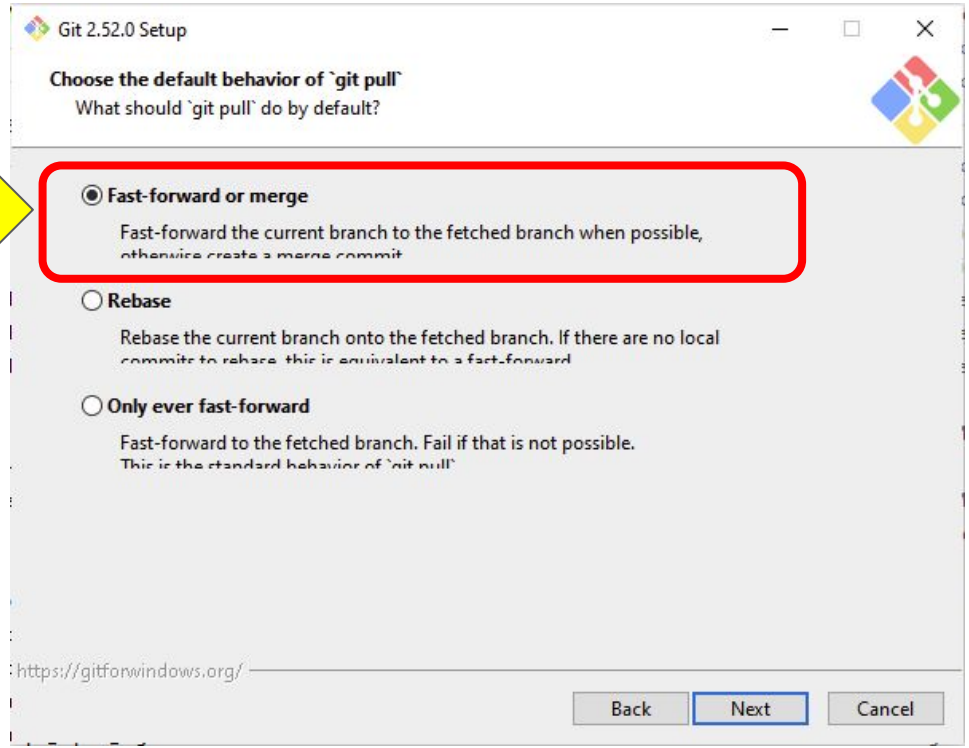
Esta opción y luego y next



alkemy

Git

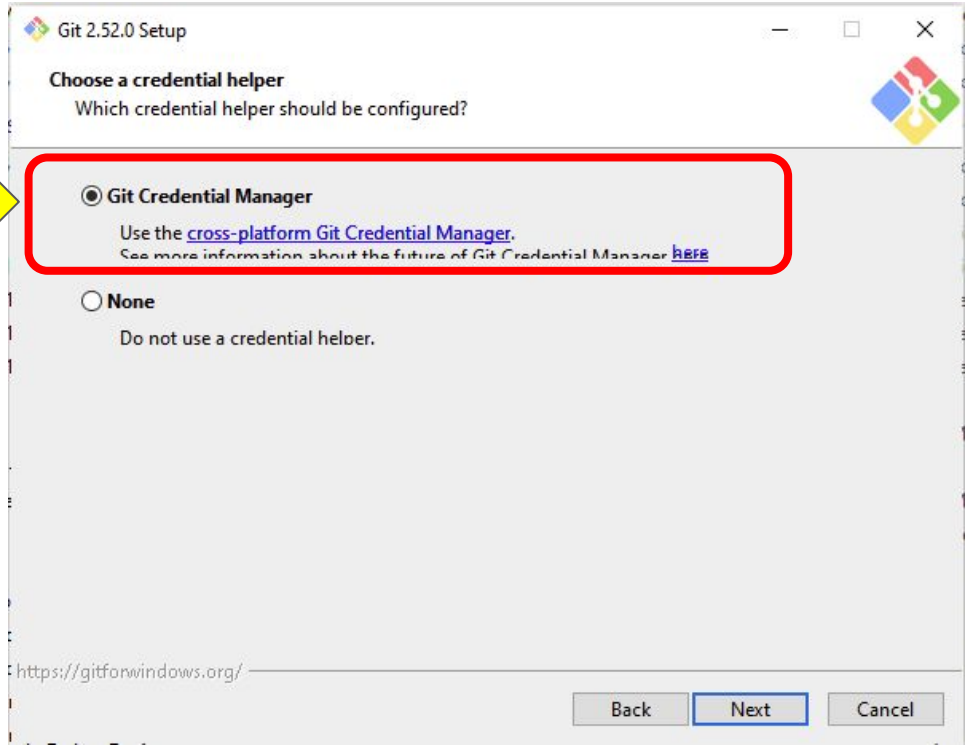
Esta opción y luego y next



alkemy

Git

Esta opción y luego y next



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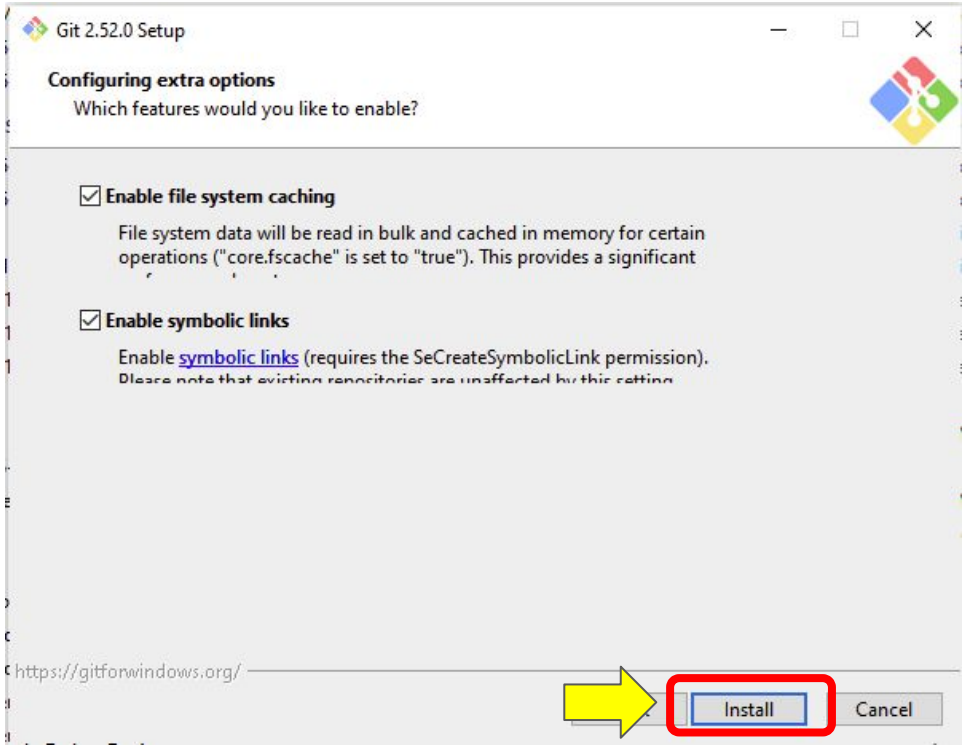
Git


Git 2.52.0 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
Enable symbolic links
Enable symbolic links (requires the SeCreateSymbolicLink permission).
https://gitforwindows.org/
Install
Cancel

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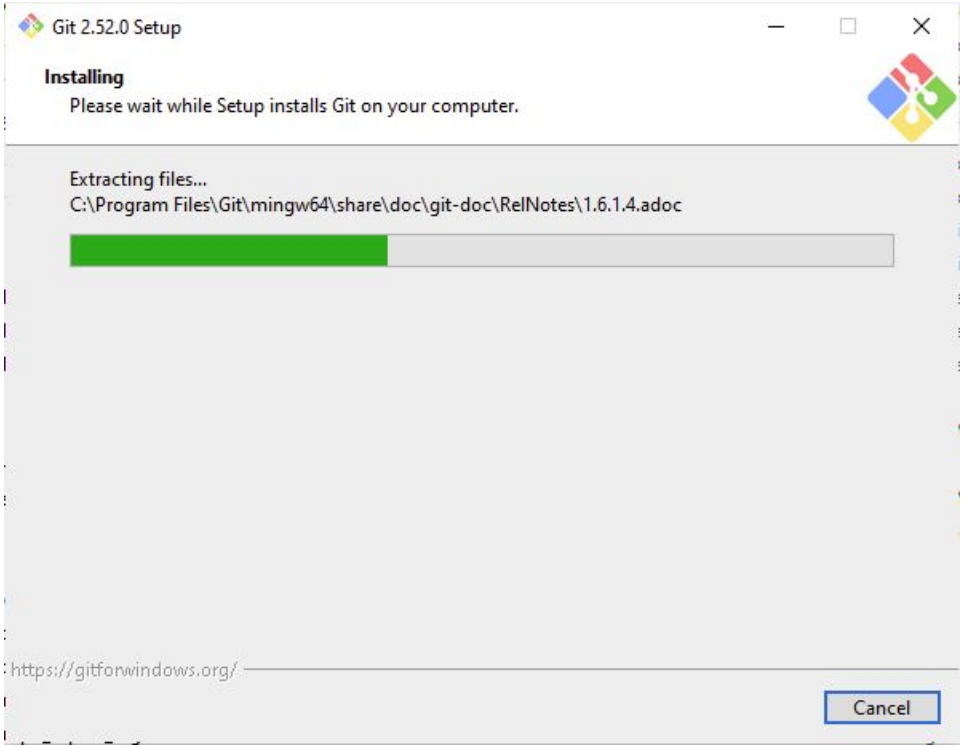
Git


Git 2.52.0 Setup
Installing
Please wait while Setup installs Git on your computer.
Extracting files...
C:\Program Files\Git\mingw64\share\doc\git-doc\RelNotes\1.6.1.4.adoc
https://gitforwindows.org/
Cancel

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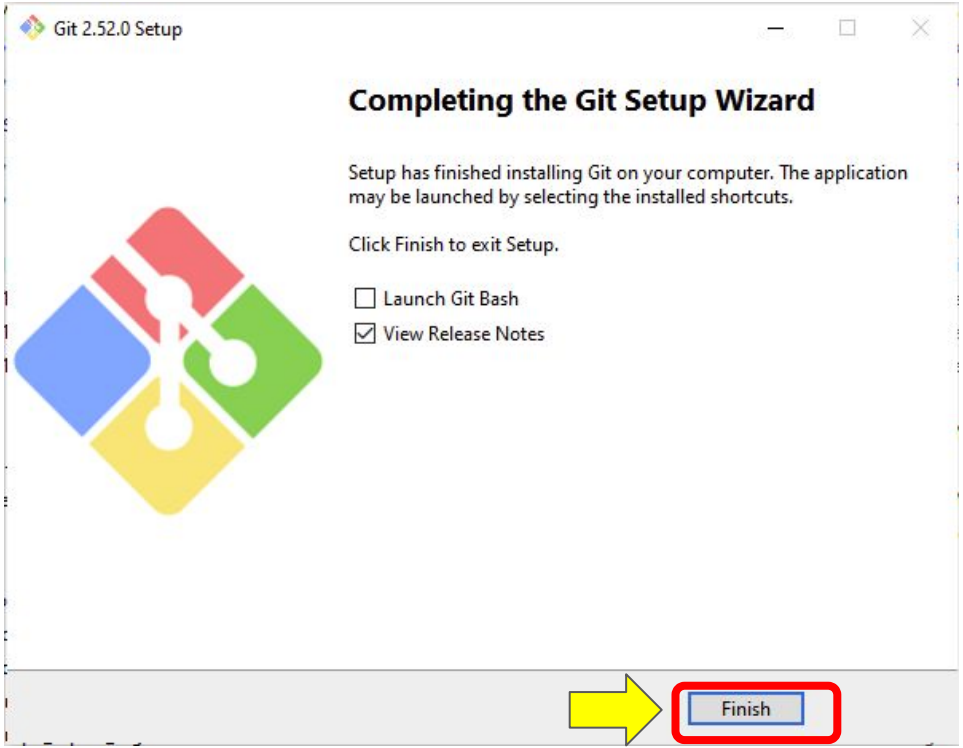
Git


Git 2.52.0 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

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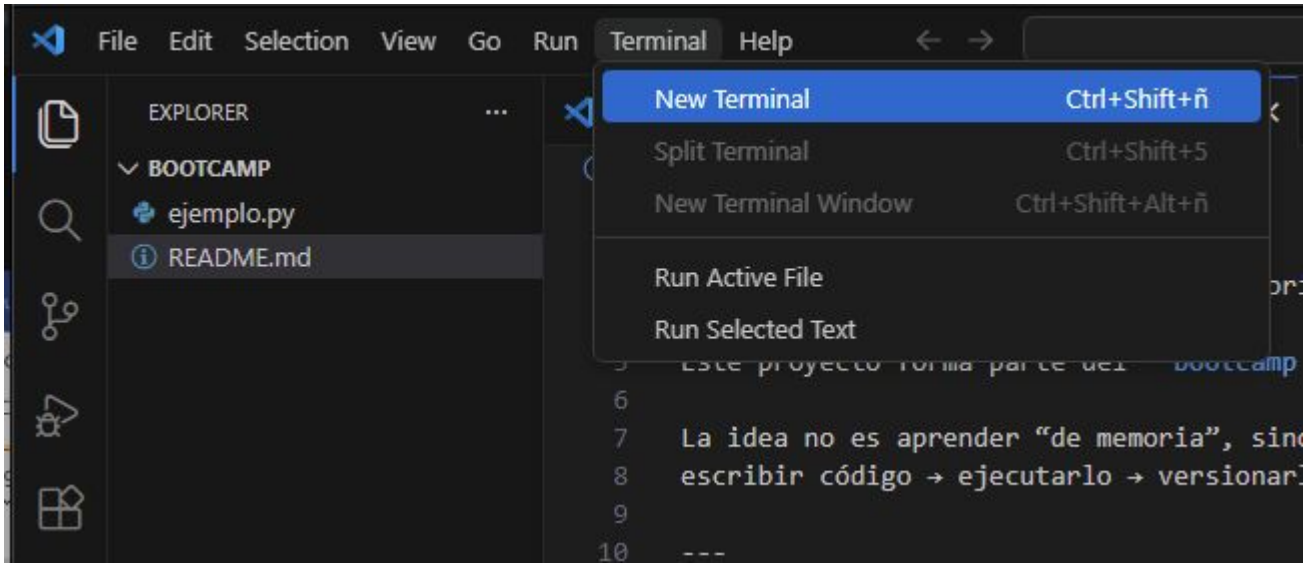
Git



Abrir una terminal nueva

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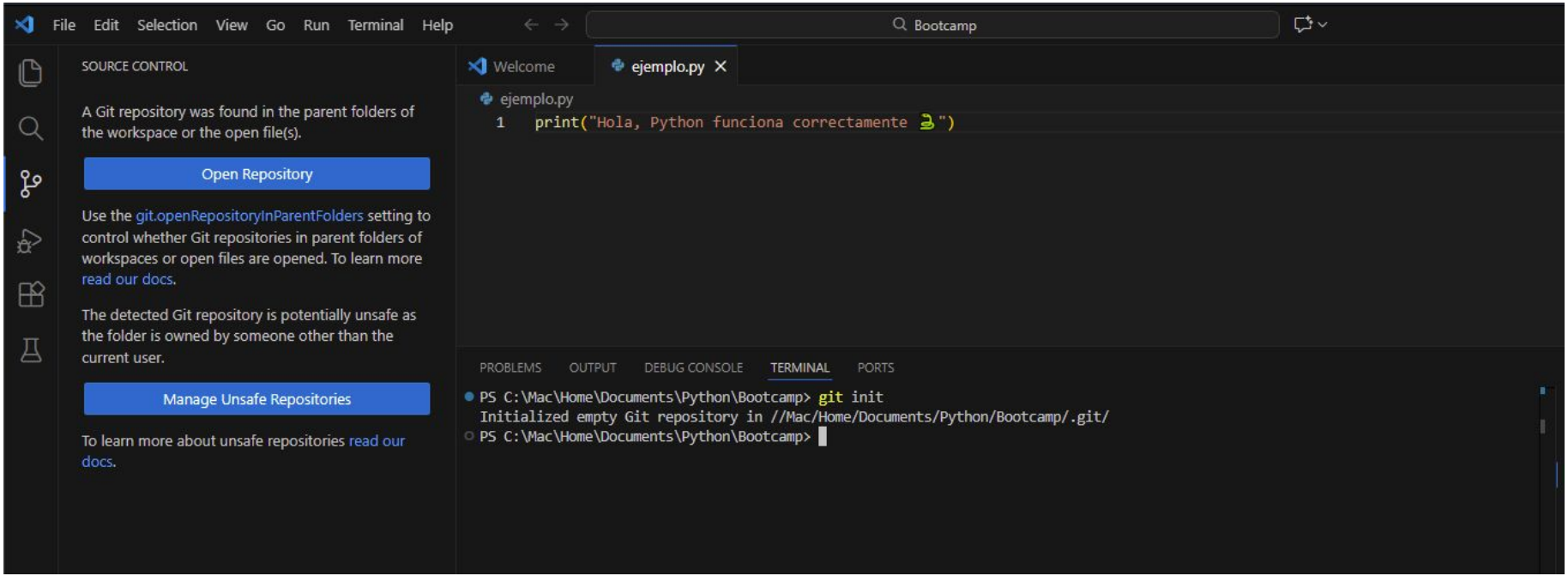
Git



Ingresar >> git init

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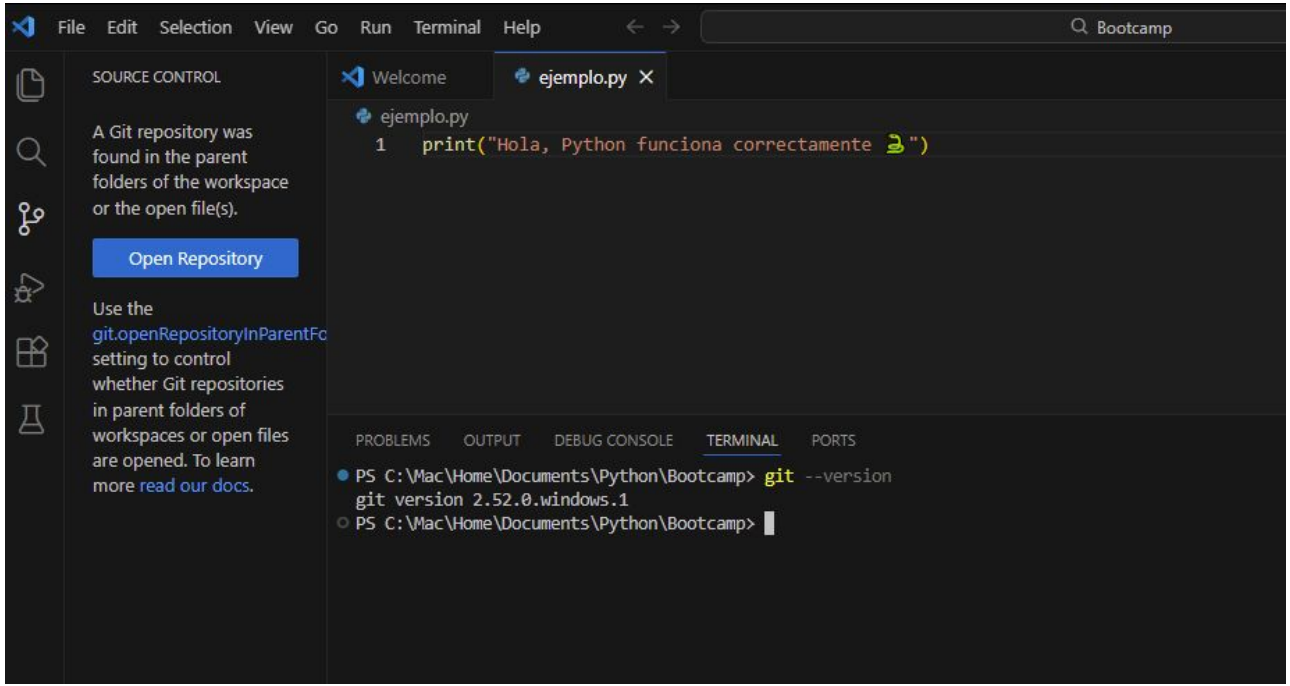

Luego verificar la versión >> git --version

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GitHub

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

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GitHub

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**.

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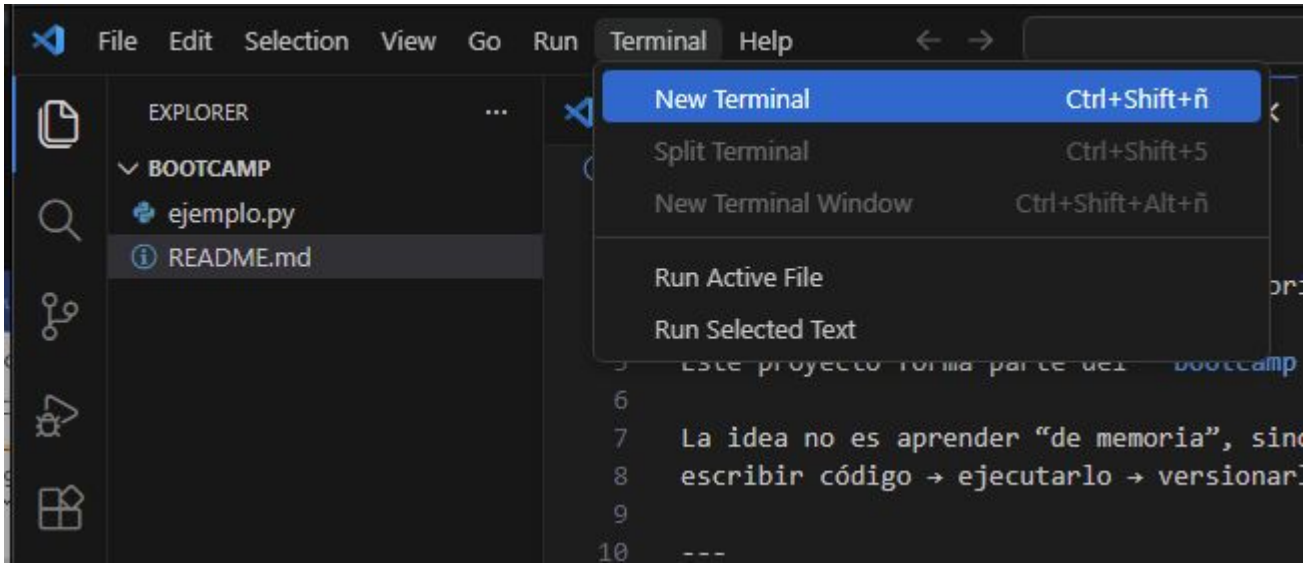
Volviendo a Visual Studio Code



Abrir una terminal nueva

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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.

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