

**“Año del Bicentenario, de la consolidación de nuestra  
Independencia, y de la conmemoración de las heroicas batallas de  
Junín y Ayacucho”**



## **DISEÑO Y PROGRAMACIÓN WEB**

Guía de Instalación sobre:

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**“FLUTTER/DART”**

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### **Estudiante:**

- Aauto Orihuela, Claudia Cristina
  - Cabanillas turin, Julio
- Flores Olivares, Brad Andrew

### **Profesor:**

Mg. Ing. Fernández Bejarano, Raúl

**Huancayo – 2024**

## Paso 1: buscamos flutter en Google

A screenshot of a Google search for "Flutter". The search bar at the top shows "FLUTTER" with a magnifying glass icon. Below the search bar, there are tabs for "Todo", "Imágenes", "Videos", "Noticias", "Maps", "Libros", "Web", "Más", and "Herramientas". The "Todo" tab is selected. On the left side, there is a "Patrocinado" (Sponsored) section featuring the Flutter logo and a link to "Download Flutter SDK | Build apps for any screen". Below this, there are links for "Get Started", "On Mobile", "Web apps", "Multi-platform", and "Casual Games". On the right side, there is a "Flutter" section with the text "Software" and a description of Flutter as a software development kit for building cross-platform applications. It lists supported languages (Dart, C, C++) and platforms (Android, iOS, Fuchsia, Linux, macOS, Windows). There is also a "Más imágenes" (More images) link. At the bottom right, there is a "Activar Windows" (Activate Windows) watermark.

## Paso 2: Presionamos en Get started

A screenshot of the Flutter website. The header features the Flutter logo on the left and navigation links for "Multi-Platform", "Development", "Ecosystem", "Showcase", "Docs", and a "Get started" button on the right. The main content area has a large blue background with the text "Build for any screen" in white. Below this text, there are several images showing Flutter applications: a card game, a car status app, a game interface, and a weather app. At the bottom right, there is a "Activar Windows" (Activate Windows) watermark.

Paso 3: Seleccionamos para Windows

Flutter

Multi-PlatformDevelopmentEcosystemShowcaseDocs

Get started

Flutter 3.24 and Dart 3.5 are here! Check out what's new on the website.

Get started

Install Flutter

Test drive

Write your first app

Learn more

Where to get Flutter support

From another platform?

Dart language overview

Stay up to date

Codelabs & samples

App solutions

User interface

Introduction

Widget catalog

Layout

Adaptive & responsive design

Design & theming

Interactivity

Choose your development platform to get started

Get startedInstall

Windows  
Current device

macOS

Linux

ChromeOS

Important

If you develop apps in China, check out using Flutter in China.

Unless stated otherwise, the documentation on this site reflects the latest stable version of Flutter. Page last updated on 2024-07-07. View source or report an issue.

docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. Learn more.

OK, got it

Activar Windows  
Ve a Configuración para activar Windows.

https://docs.flutter.dev/get-started/install/windows

Paso 4: Seleccionamos para Android

Flutter

Multi-PlatformDevelopmentEcosystemShowcaseDocs

Get started

Choose your first type of app

Get startedInstallWindows

Android  
Recommended

Web

Desktop

Important

If you develop apps in China, check out using Flutter in China.

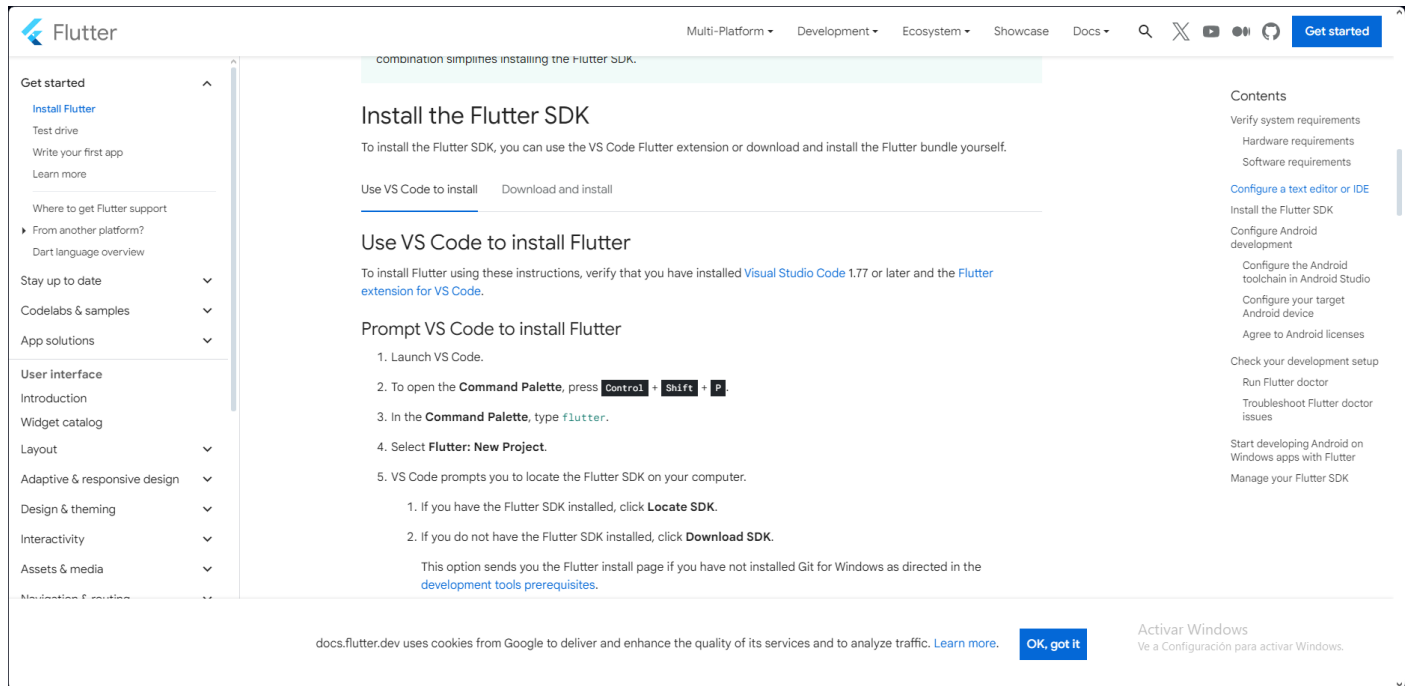
Unless stated otherwise, the documentation on this site reflects the latest stable version of Flutter. Page last updated on 2024-08-19. View source or report an issue.

docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. Learn more.

OK, got it

Activar Windows  
Ve a Configuración para activar Windows.

## Paso 5: Presionamos en dowland and install



The screenshot shows the Flutter documentation website. The left sidebar contains a navigation menu with sections like 'Get started', 'User interface', and 'App solutions'. The main content area is titled 'Install the Flutter SDK' and includes a sub-section 'Use VS Code to install Flutter'. The steps listed are: 1. Launch VS Code. 2. Open the Command Palette (Ctrl+Shift+P). 3. Type 'flutter' in the Command Palette. 4. Select 'Flutter: New Project'. 5. VS Code prompts to locate the Flutter SDK. A warning box at the bottom states: 'docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. Learn more. OK, got it'.

### Install the Flutter SDK

To install the Flutter SDK, you can use the VS Code Flutter extension or download and install the Flutter bundle yourself.

[Use VS Code to install](#) [Download and install](#)

#### Use VS Code to install Flutter

To install Flutter using these instructions, verify that you have installed [Visual Studio Code 1.77](#) or later and the [Flutter extension for VS Code](#).

#### Prompt VS Code to install Flutter

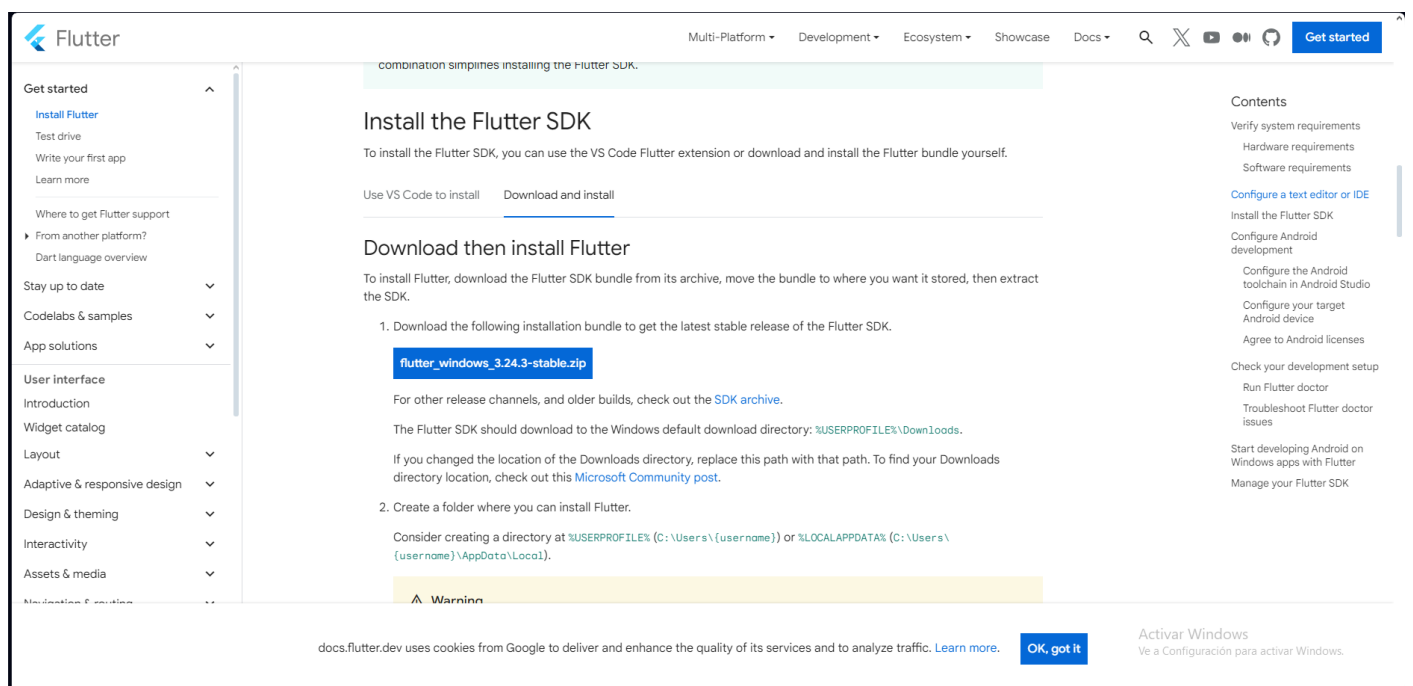
1. Launch VS Code.
2. To open the **Command Palette**, press **Control** + **Shift** + **P**.
3. In the **Command Palette**, type **flutter**.
4. Select **Flutter: New Project**.
5. VS Code prompts you to locate the Flutter SDK on your computer.
  1. If you have the Flutter SDK installed, click **Locate SDK**.
  2. If you do not have the Flutter SDK installed, click **Download SDK**.

This option sends you the Flutter install page if you have not installed Git for Windows as directed in the [development tools prerequisites](#).

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Activar Windows  
Ve a Configuración para activar Windows.

## Paso 6: Descargamos el ZIP



The screenshot shows the Flutter documentation website. The left sidebar contains a navigation menu. The main content area is titled 'Download then install Flutter'. The steps listed are: 1. Download the following installation bundle to get the latest stable release of the Flutter SDK. A blue button labeled 'flutter\_windows\_3.24.3-stable.zip' is shown. 2. Create a folder where you can install Flutter. A warning box at the bottom states: 'docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. Learn more. OK, got it'.

### Download then install Flutter

To install Flutter, download the Flutter SDK bundle from its archive, move the bundle to where you want it stored, then extract the SDK.

1. Download the following installation bundle to get the latest stable release of the Flutter SDK.

[flutter\\_windows\\_3.24.3-stable.zip](#)

For other release channels, and older builds, check out the [SDK archive](#).

The Flutter SDK should download to the Windows default download directory: %USERPROFILE%\Downloads.

If you changed the location of the Downloads directory, replace this path with that path. To find your Downloads directory location, check out this [Microsoft Community post](#).
2. Create a folder where you can install Flutter.

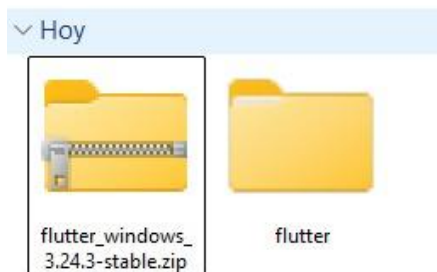
Consider creating a directory at %USERPROFILE% (C:\Users\{username}) or %LOCALAPPDATA% (C:\Users\{username}\AppData\Local).

**Warning**

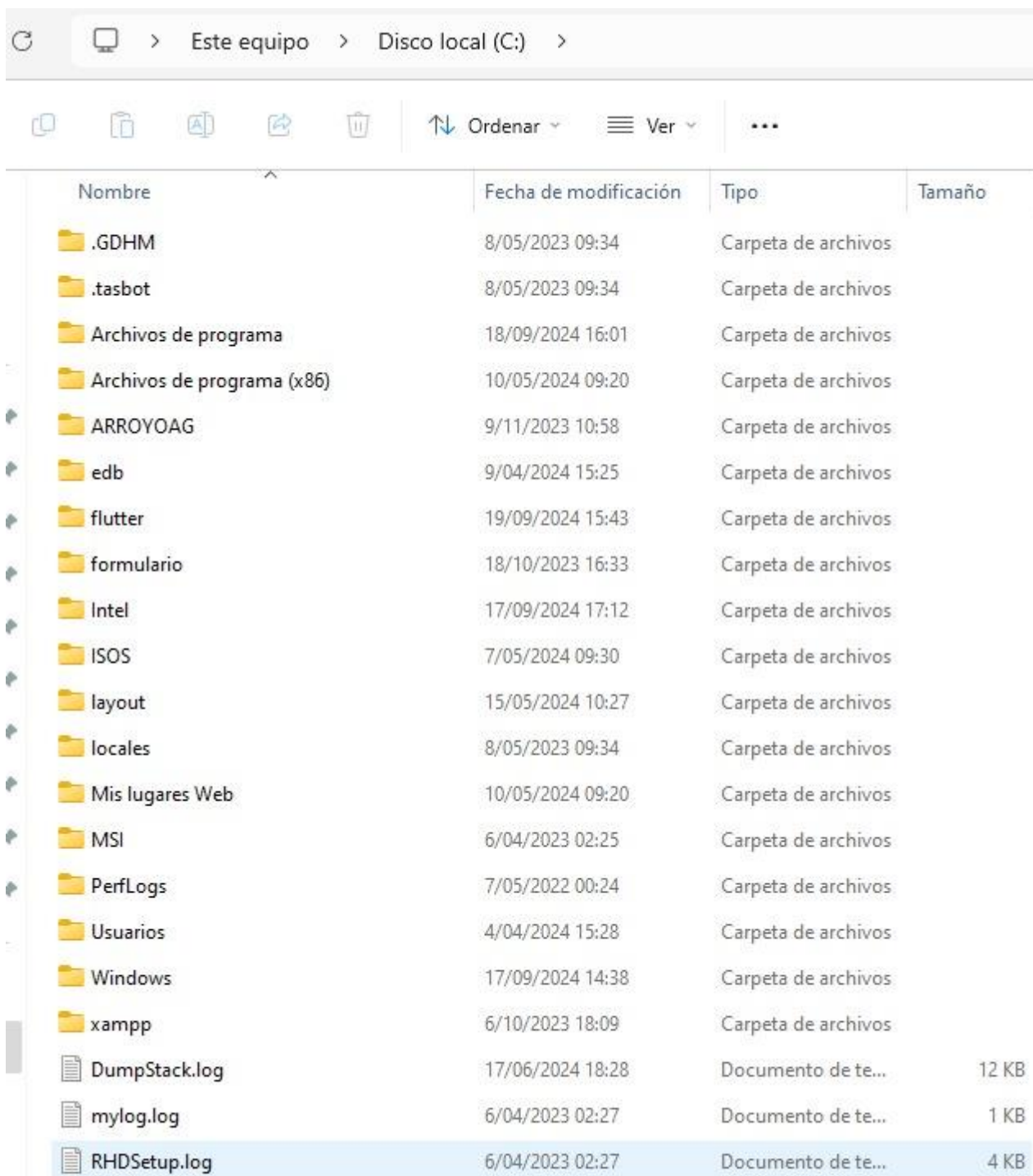
docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. [Learn more.](#) [OK, got it](#)

Activar Windows  
Ve a Configuración para activar Windows.

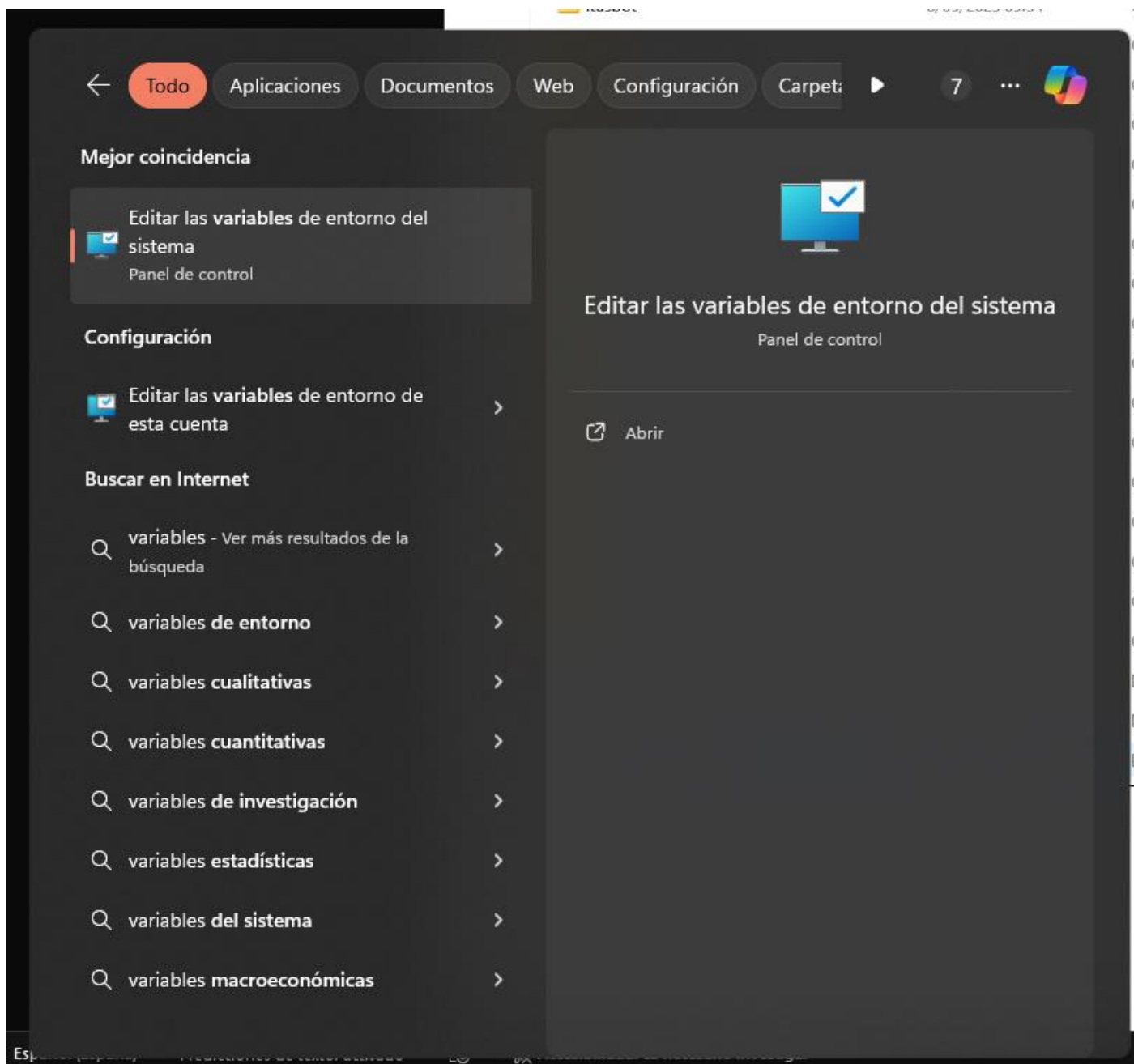
## Paso 7: Descomprimos el archivo



Paso 7: Pasamos el archivo a la carpeta C:

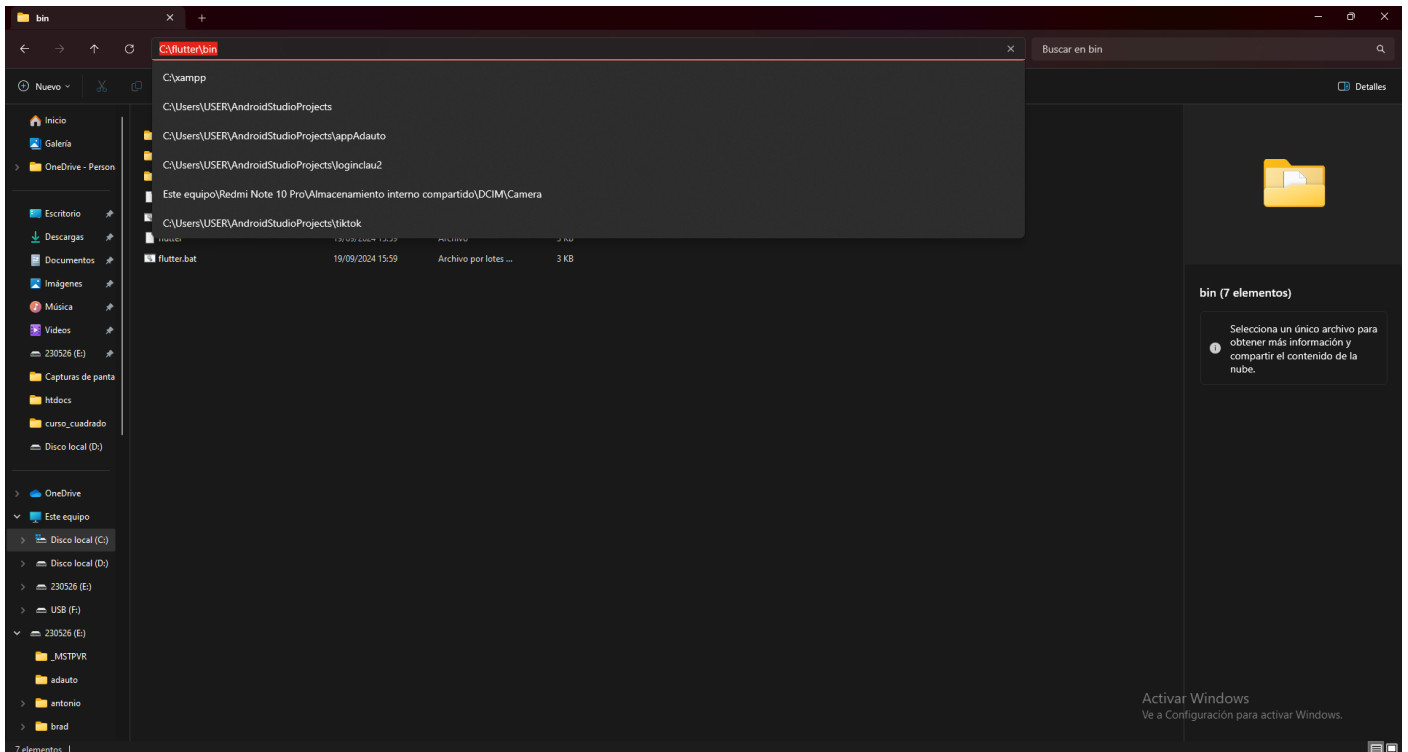


Paso 8: Abrimos variables de entorno

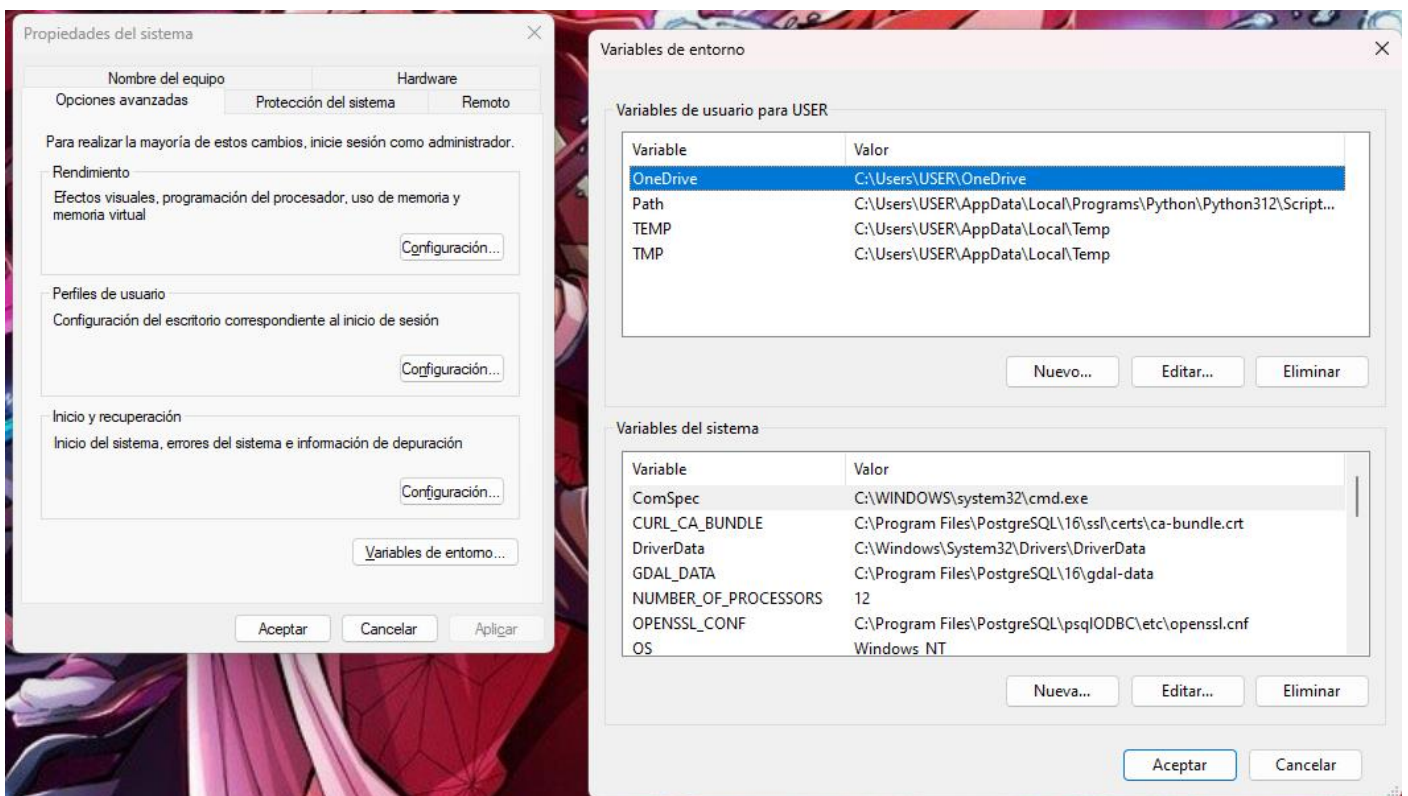




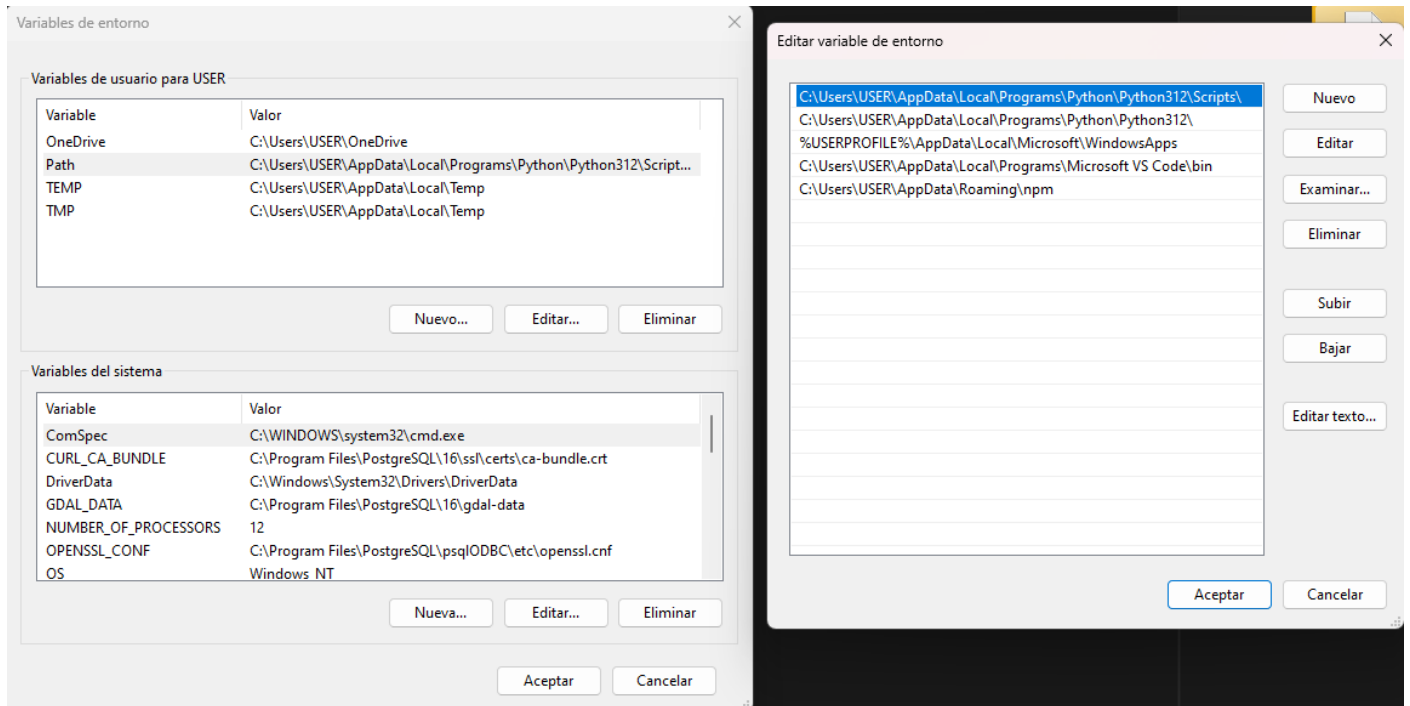
Paso 9: Entramos en el archivo y entramos a bin, copiamos la ubicación del archivo



Paso 10: presionamos en variables de entorno y presionamos en Path

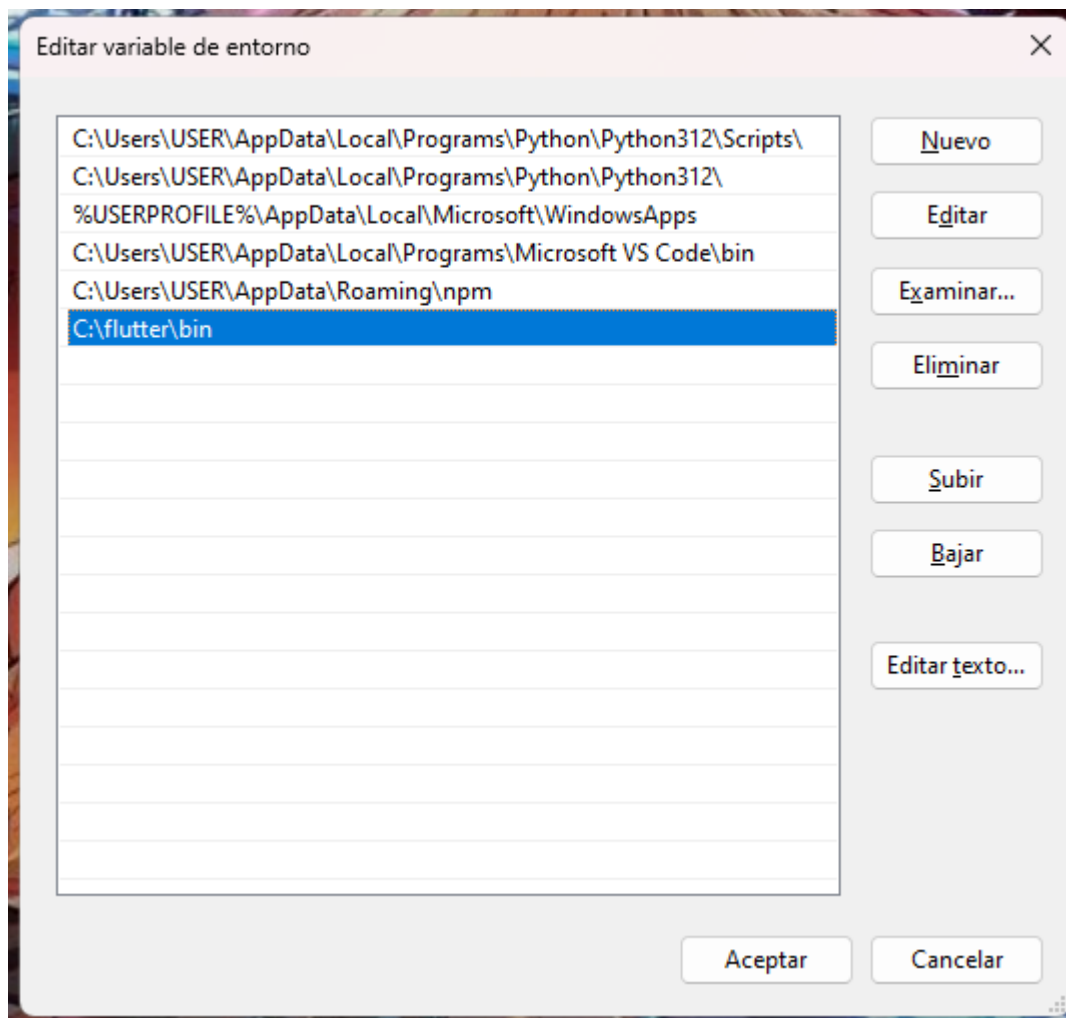


Paso 11: presionamos en nuevo y copiamos la ubicación

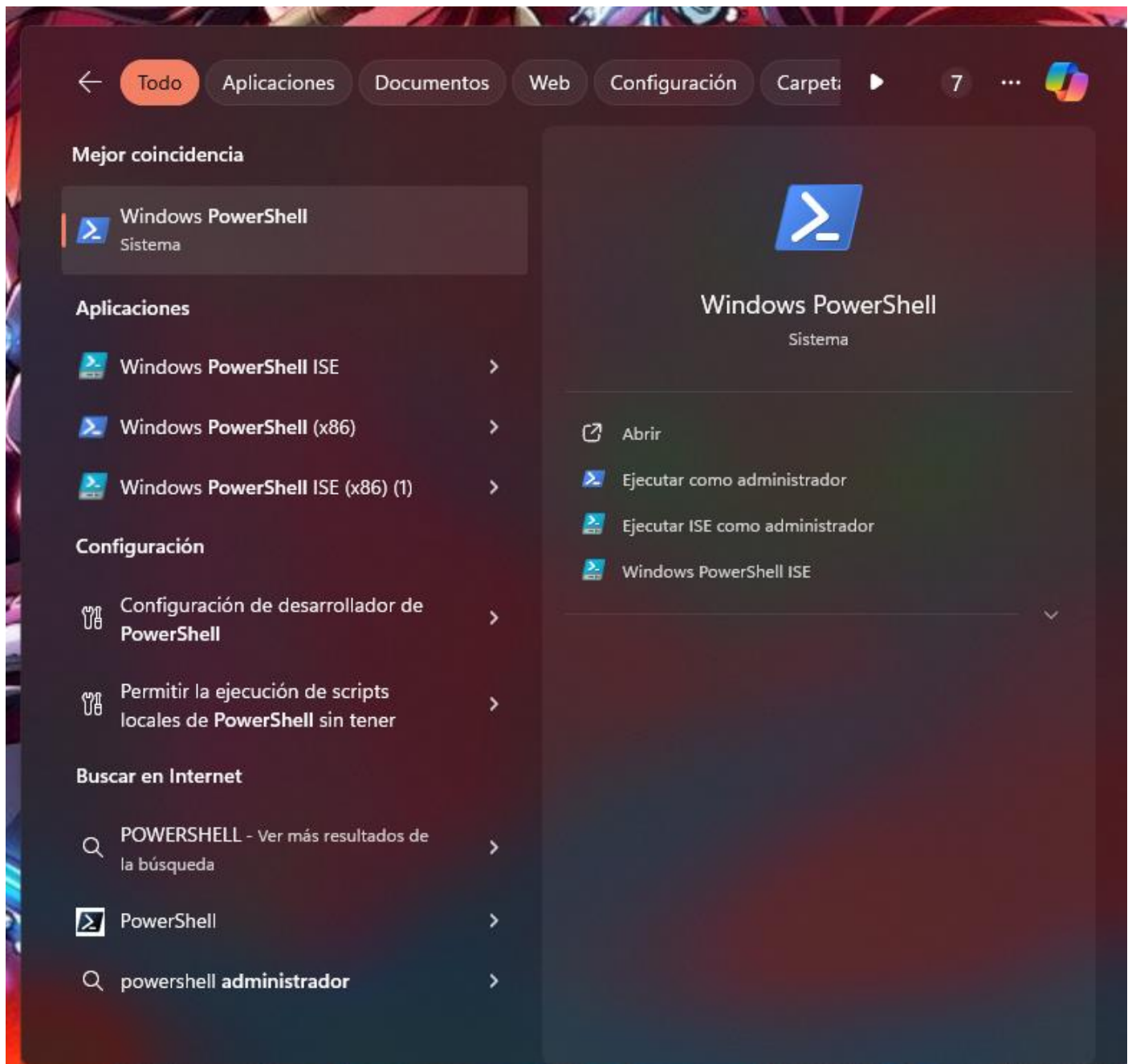


Paso 12: Copiamos la ubicación y ponemos aceptar





Paso 13: Abrimos PowerShell



Paso 14 : Escribimos flutter doctor

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

Instale la versión más reciente de PowerShell para obtener nuevas características y mejoras. https://aka.ms/PSWindows

PS C:\Users\USER> flutter doctor
```

Paso 15: Obtenemos el siguiente resultado

```
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22631.4037], locale es-PE)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[!] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
    X cmdline-tools component is missing
      Run 'path/to/sdkmanager --install "cmdline-tools;latest"'
      See https://developer.android.com/studio/command-line for more details.
    X Android license status unknown.
      Run 'flutter doctor --android-licenses' to accept the SDK licenses.
      See https://flutter.dev/to/windows-android-setup for more details.
[✓] Chrome - develop for the web
[✗] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2023.3)
[✓] VS Code (version 1.93.1)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.

The Flutter CLI developer tool uses Google Analytics to report usage and diagnostic
data along with package dependencies, and crash reporting to send basic crash
reports. This data is used to help improve the Dart platform, Flutter framework,
and related tools.

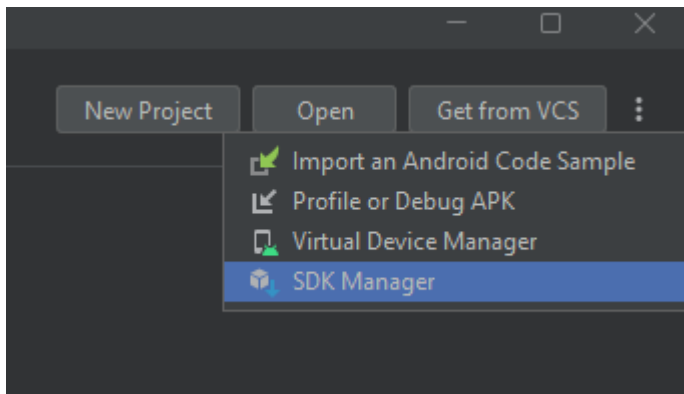
Telemetry is not sent on the very first run. To disable reporting of telemetry,
run this terminal command:

  flutter --disable-analytics

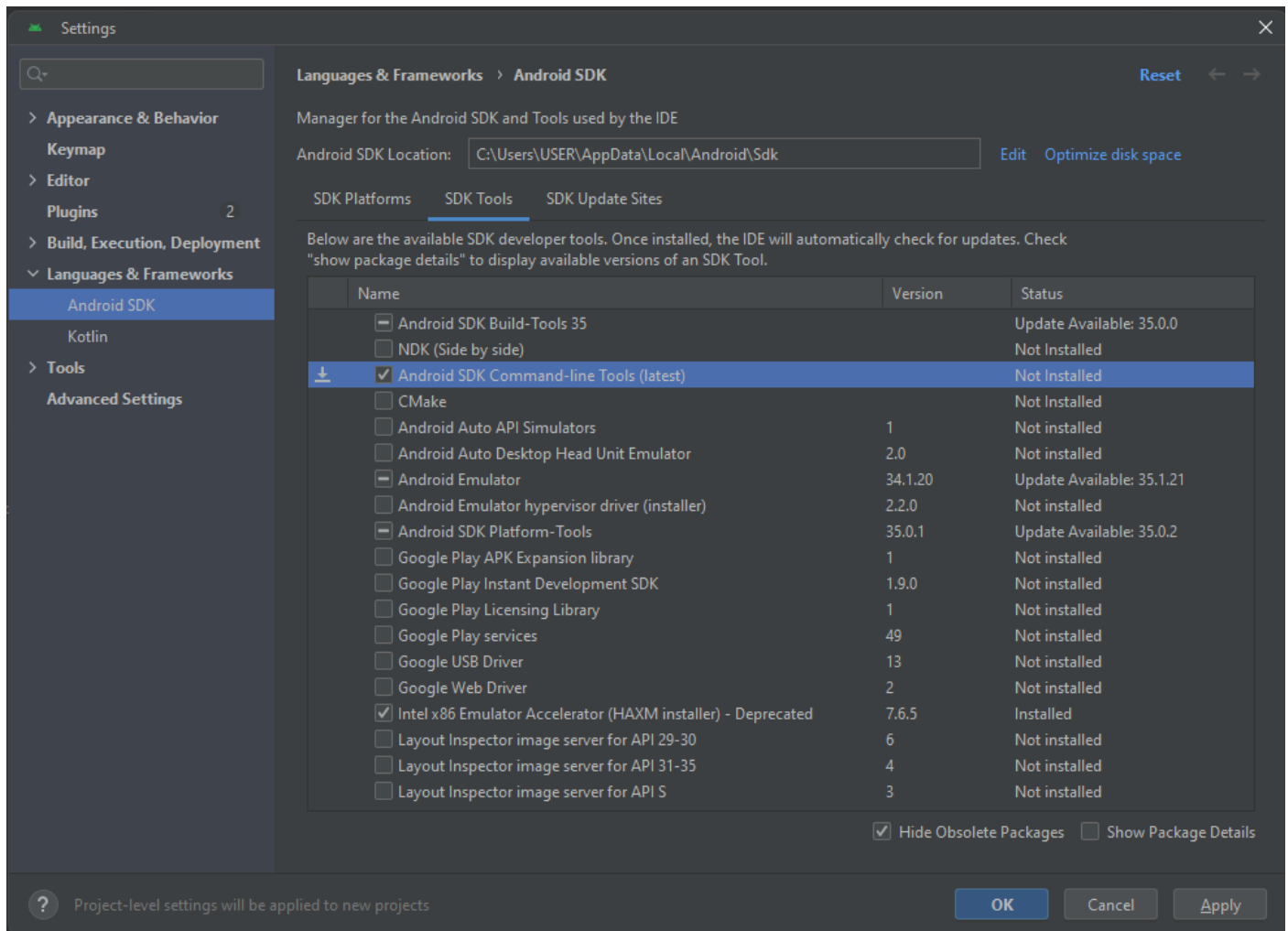
If you opt out of telemetry, an opt-out event will be sent, and then no further
information will be sent. This data is collected in accordance with the Google
Privacy Policy (https://policies.google.com/privacy).

PS C:\Users\USER>
```

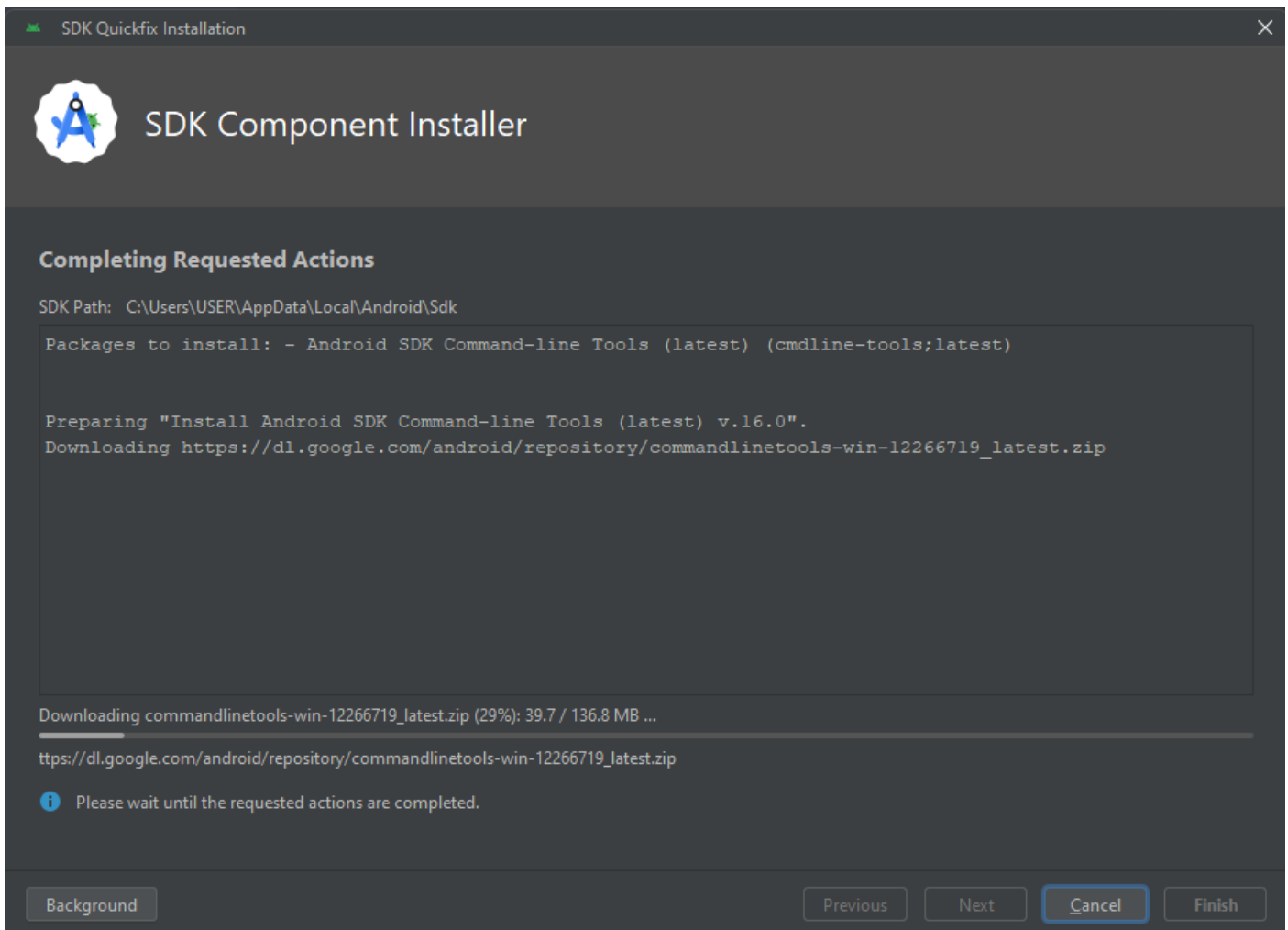
Paso 16: Abrimos Android Studio y nos dirigimos a los 3 puntitos.



Paso 17: Ponemos en la pestaña SDK Tools y seleccionamos Android SDK Command-line Tools (latest)



Paso 18: Descargamos



Paso 19: volvemos a PowerShell y volvemos a poner “y obtenemos el siguiente resultado”

```
PS C:\Users\USER> flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22631.4037], locale es-PE)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[!] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
    ! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[X] Visual Studio - develop Windows apps
    X Visual Studio not installed; this is necessary to develop Windows apps.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2023.3)
[✓] VS Code (version 1.93.1)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.
PS C:\Users\USER> |
```

## Paso 20: Ahora pones flutter doctor –android-licenses

10.7 Special Terms for Pre-Release Materials. If so indicated in the description of the Evaluation Software, the Evaluation Software may contain Pre-Release Materials. Recipient hereby understands, acknowledges and agrees that: (i) Pre-Release Materials may not be fully tested and may contain bugs or errors; (ii) Pre-Release Materials are not suitable for commercial release in their current state; (iii) regulatory approvals for Pre-Release Materials (such as UL or FCC) have not been obtained, and Pre-Release Materials may therefore not be certified for use in certain countries or environments or may not be suitable for certain applications and (iv) MIPS can provide no assurance that it will ever produce or make generally available a production version of the Pre-Release Materials. MIPS is not under any obligation to develop and/or release or offer for sale or license a final product based upon the Pre-Release Materials and may unilaterally elect to abandon the Pre-Release Materials or any such development platform at any time and without any obligation or liability whatsoever to Recipient or any other person.

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Accept? (y/N): y  
All SDK package licenses accepted

Activar Windows  
Ve a Configuración para activar Windows.

PS C:\Users\USER> |

PS C:\Users\USER> flutter doctor

Doctor summary (to see all details, run flutter doctor -v):

[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22631.4037], locale es-PE)

[✓] Windows Version (Installed version of Windows is version 10 or higher)

[!] Android toolchain - develop for Android devices (Android SDK version 34.0.0)

! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses

[✓] Chrome - develop for the web

[X] Visual Studio - develop Windows apps

X Visual Studio not installed; this is necessary to develop Windows apps.

Download at <https://visualstudio.microsoft.com/downloads/>.

Please install the "Desktop development with C++" workload, including all of its default components

[✓] Android Studio (version 2023.3)

[✓] VS Code (version 1.93.1)

[✓] Connected device (3 available)

[✓] Network resources

! Doctor found issues in 2 categories.

PS C:\Users\USER> flutter doctor --android-licenses |

## Paso 21: En el proceso anterior aceptamos todo con “y”. Y volvemos a poner flutter doctor

PS C:\Users\USER> flutter doctor

Doctor summary (to see all details, run flutter doctor -v):

[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Version 10.0.22631.4037], locale es-PE)

[✓] Windows Version (Installed version of Windows is version 10 or higher)

[✓] Android toolchain - develop for Android devices (Android SDK version 34.0.0)

[✓] Chrome - develop for the web

[X] Visual Studio - develop Windows apps

X Visual Studio not installed; this is necessary to develop Windows apps.

Download at <https://visualstudio.microsoft.com/downloads/>.

Please install the "Desktop development with C++" workload, including all of its default components

[✓] Android Studio (version 2023.3)

[✓] VS Code (version 1.93.1)

[✓] Connected device (3 available)

[✓] Network resources

! Doctor found issues in 1 category.

PS C:\Users\USER> |