



I.E.S.T.P "ANDRÉS AVELINO CÁCERES DORREGARAY"

MANUAL DE INSTALACION DEL LENGUAJE DART Y FRAMEWORK FLUTTER

CARRERA PROFESIONAL: DISEÑO Y PROGRAMACIÓN WEB

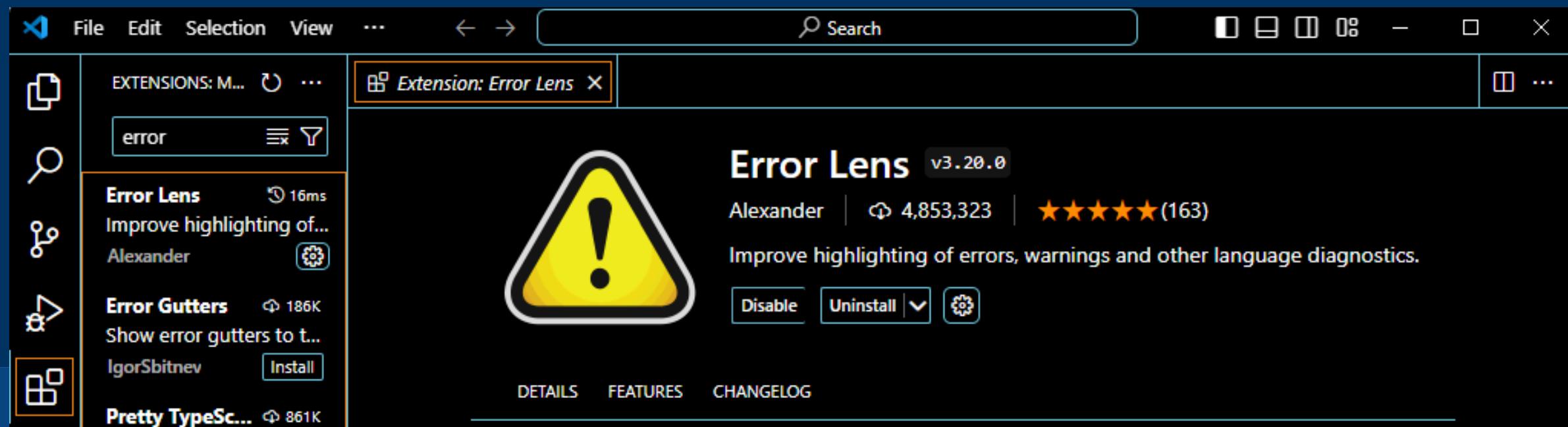
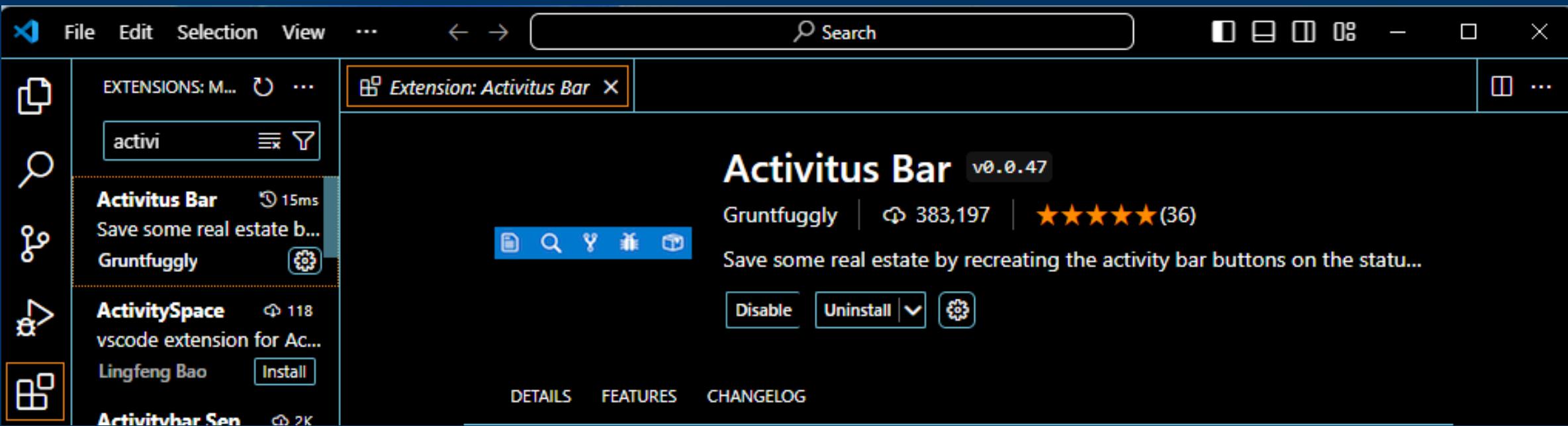
DOCENTE: FERNANDEZ BEJARANO RAUL

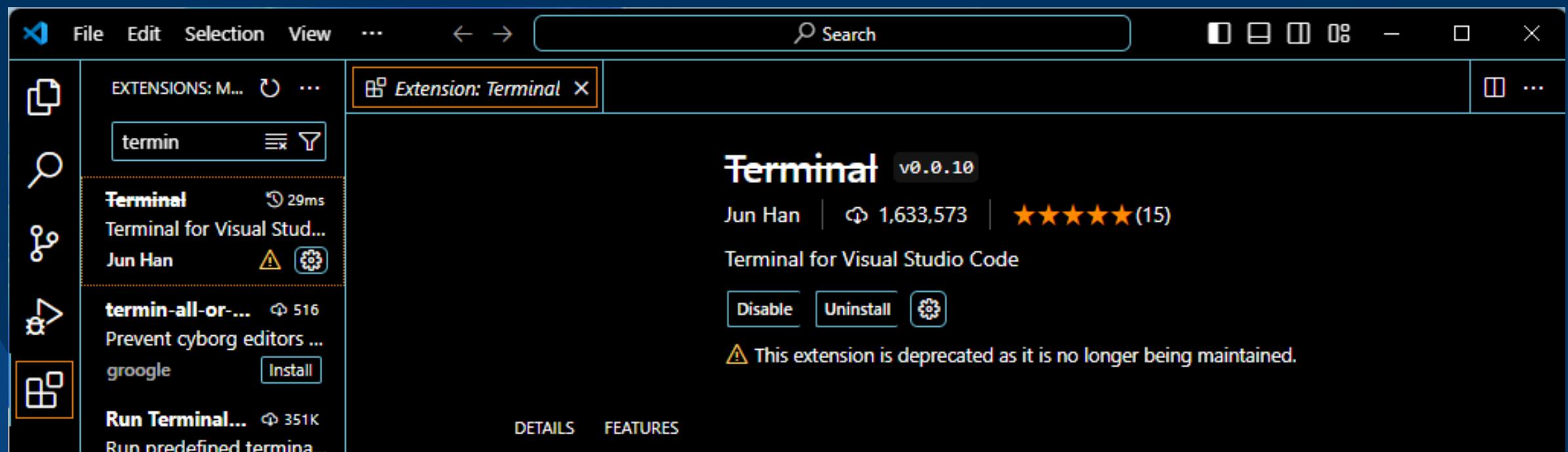
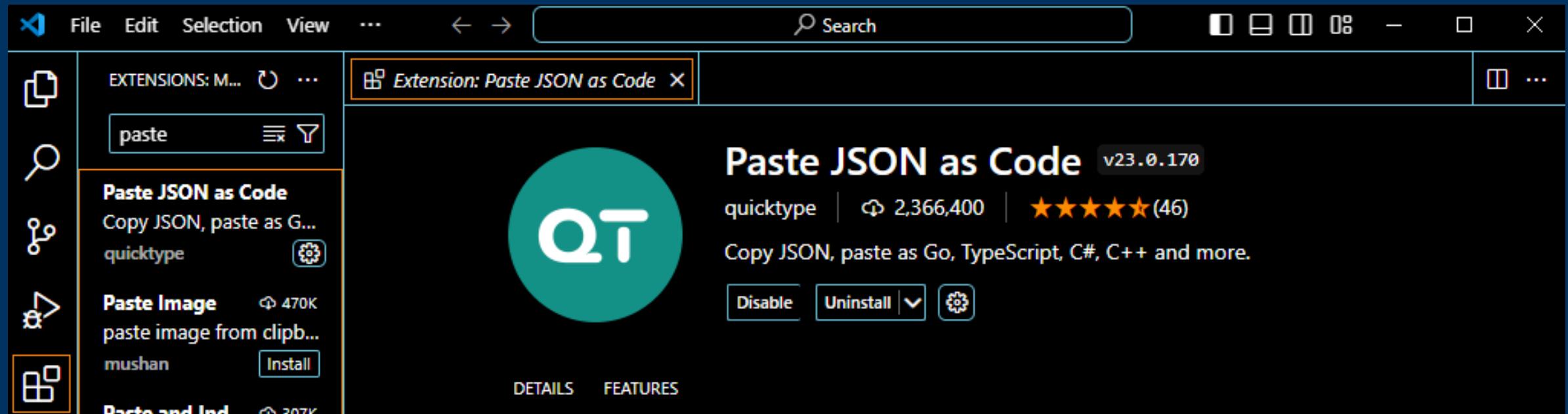
- ESTUDIANTE: VALENCIA MONTAÑEZ, RUTH ADRIANA

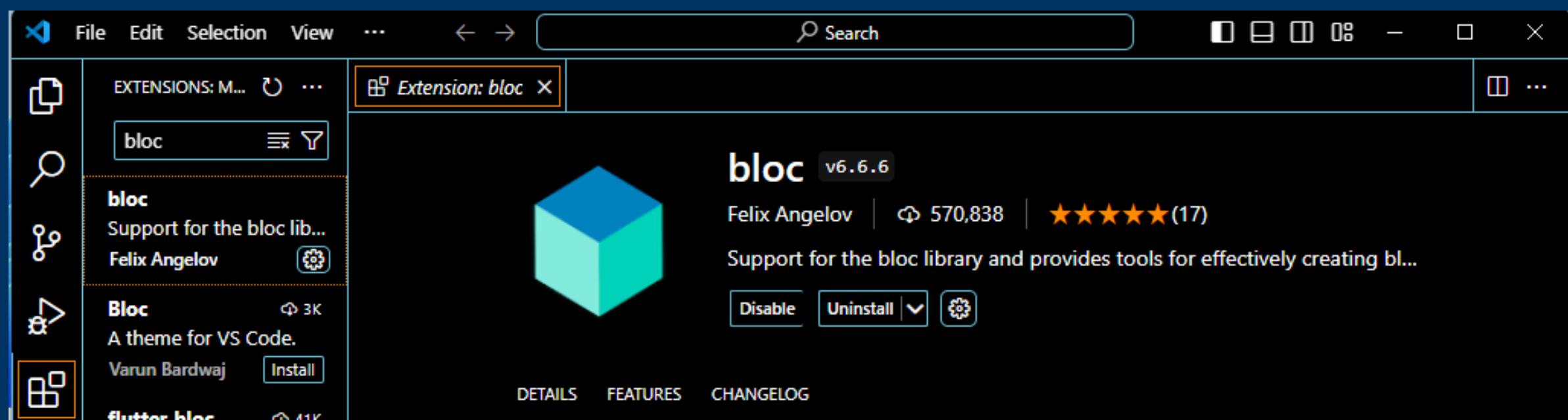
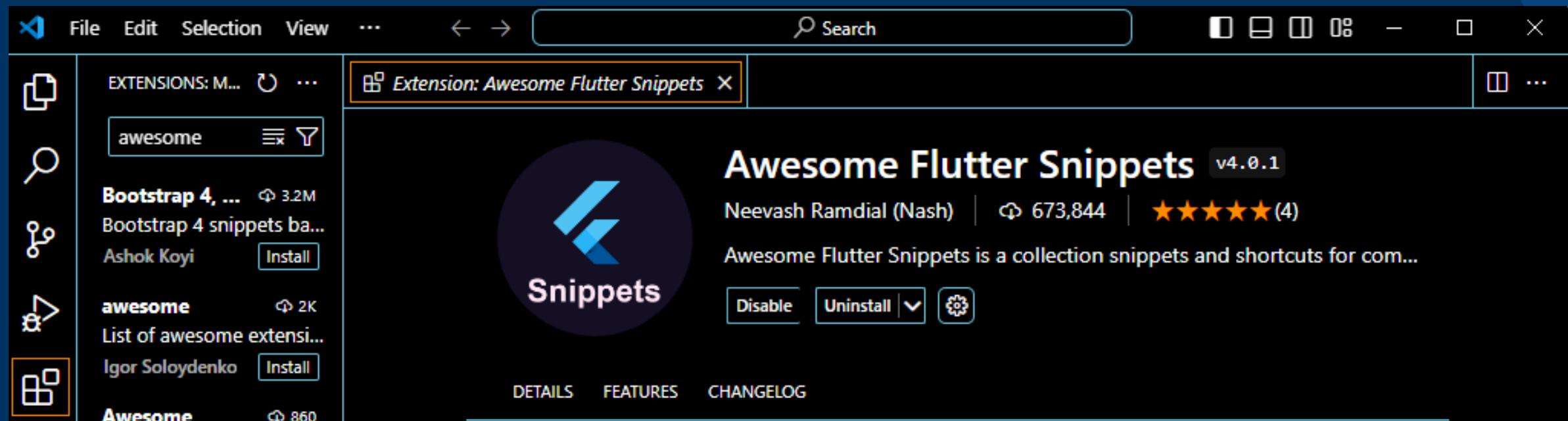
TURNO: VESPERTINO

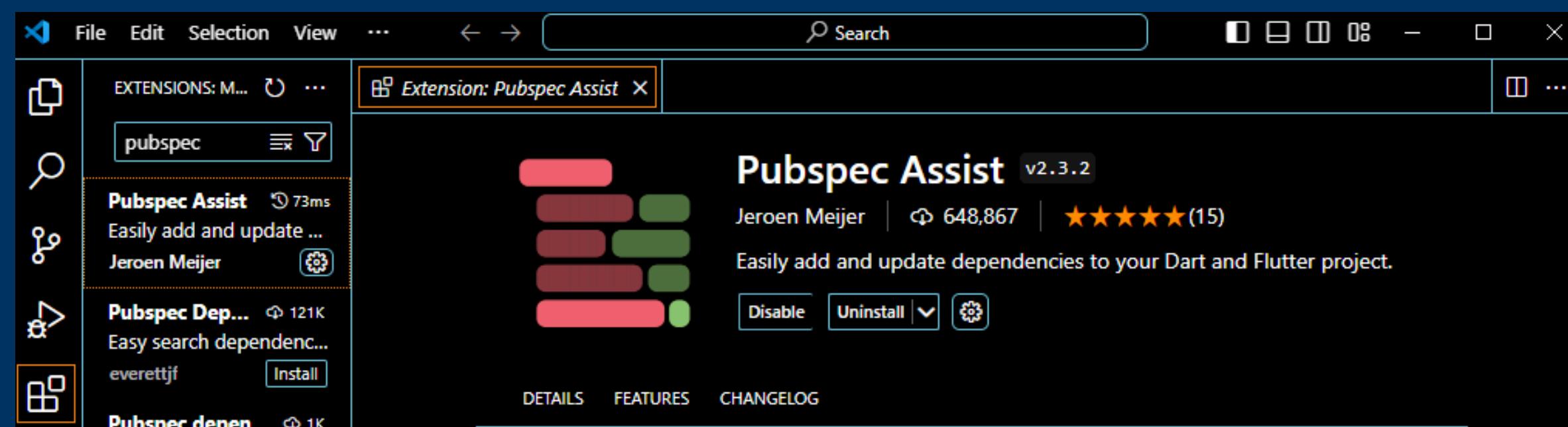
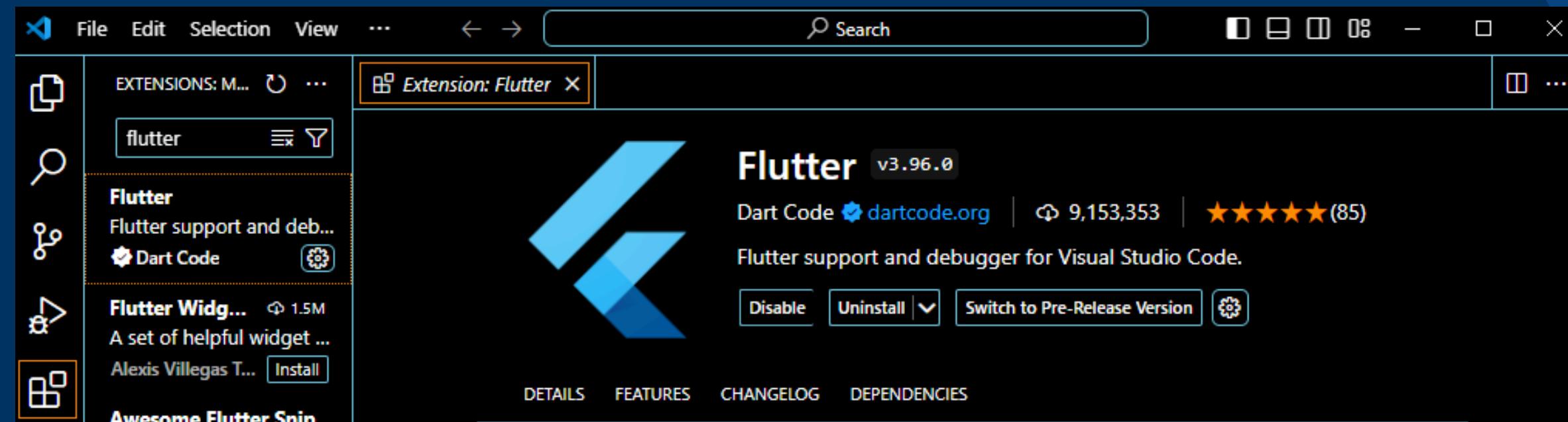
SEMESTRE: VI

En visual Studio Code instalar las extensiones









Procedemos a instalar Flutter

Buscamos en google Flutter y click en get started

Flutter
<https://www.flutter.dev>

Download Flutter SDK | Build apps for any screen
Control every pixel to create customized & adaptive designs that look great on any screen. Take control of your codebase with plugins, testing, dev tools & build high quality apps.

Get Started
Choose your development platform and download the Flutter SDK.

On Mobile
Build with Flutter on mobile without sacrificing performance.

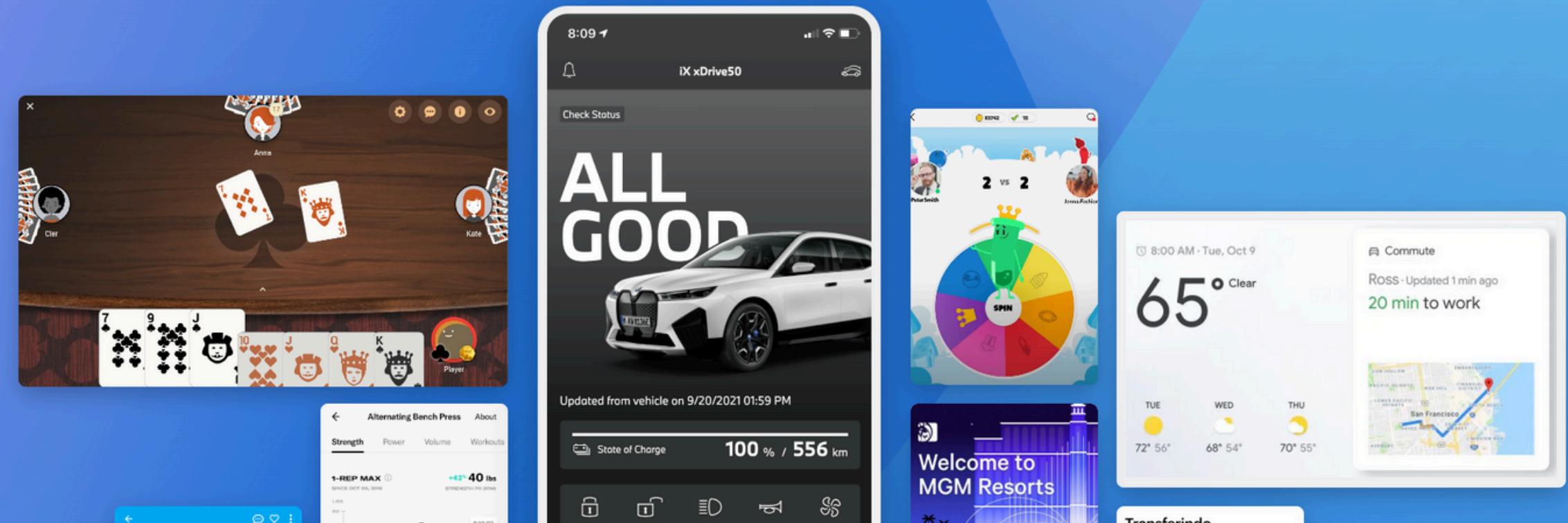
Web apps
Build prototypes and deploy your app to the web from one codebase.

Flutter 3.24 and Dart 3.5 are here. Read the blog. →

Flutter

Multi-Platform Development Ecosystem Showcase Docs Q Get started

Build for any screen

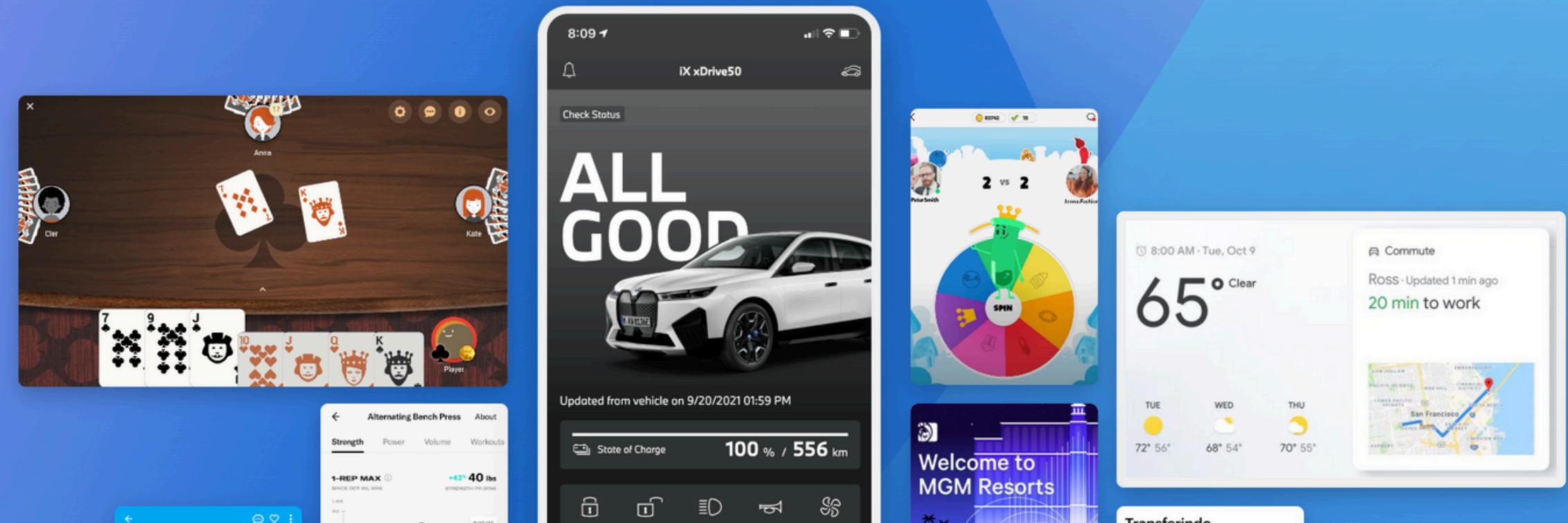


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Flutter

Multi-Platform Development Ecosystem Showcase Docs Q Get started

Build for any screen



Elegimos WINDOWS

The screenshot shows the Flutter website's 'Get started' page. On the left, there's a sidebar with navigation links like 'Install Flutter', 'Test drive', and 'Where to get Flutter support'. The main content area has a heading 'Choose your development platform to get started' and a breadcrumb 'Get started > Install'. It features four buttons for different platforms: Windows (selected), macOS, Linux, and ChromeOS. Below the buttons is a yellow 'Important' box with the text: 'If you develop apps in China, check out [using Flutter in China](#)'. At the bottom, there's a cookie consent message: 'docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. [Learn more](#)' with a 'OK, got it' button. The URL 'https://docs.flutter.dev/get-started/install/windows' is visible at the bottom left.

Flutter

Multi-Platform ▾ Development ▾ Ecosystem ▾ Showcase Docs ▾

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

Get started

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

Assets & media

Choose your development platform to get started

Get started > Install

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](#).

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OK, got it

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

Elegimos ANDROID

The screenshot shows the Flutter documentation website's 'Get started' page. On the left, there's a sidebar with navigation links like 'Get started', 'User interface', and 'Layout'. The main content area has a heading 'Choose your first type of app' and three options: 'Android Recommended' (selected), 'Web', and 'Desktop'. A yellow callout box says 'Important: If you develop apps in China, check out using Flutter in China.' At the bottom, there's a cookie consent message and a link to the URL <https://docs.flutter.dev/get-started/install/windows/mobile>.

Flutter

Multi-Platform ▾ Development ▾ Ecosystem ▾ Showcase Docs ▾ Get started

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

Get started

Install Flutter

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Assets & media

Choose your first type of app

Get started > Install > Windows

Android Recommended

Web

Desktop

Your choice informs which parts of Flutter tooling you configure to run your first Flutter app. You can set up additional platforms later. *If you don't have a preference, choose [Android](#).*

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](#).

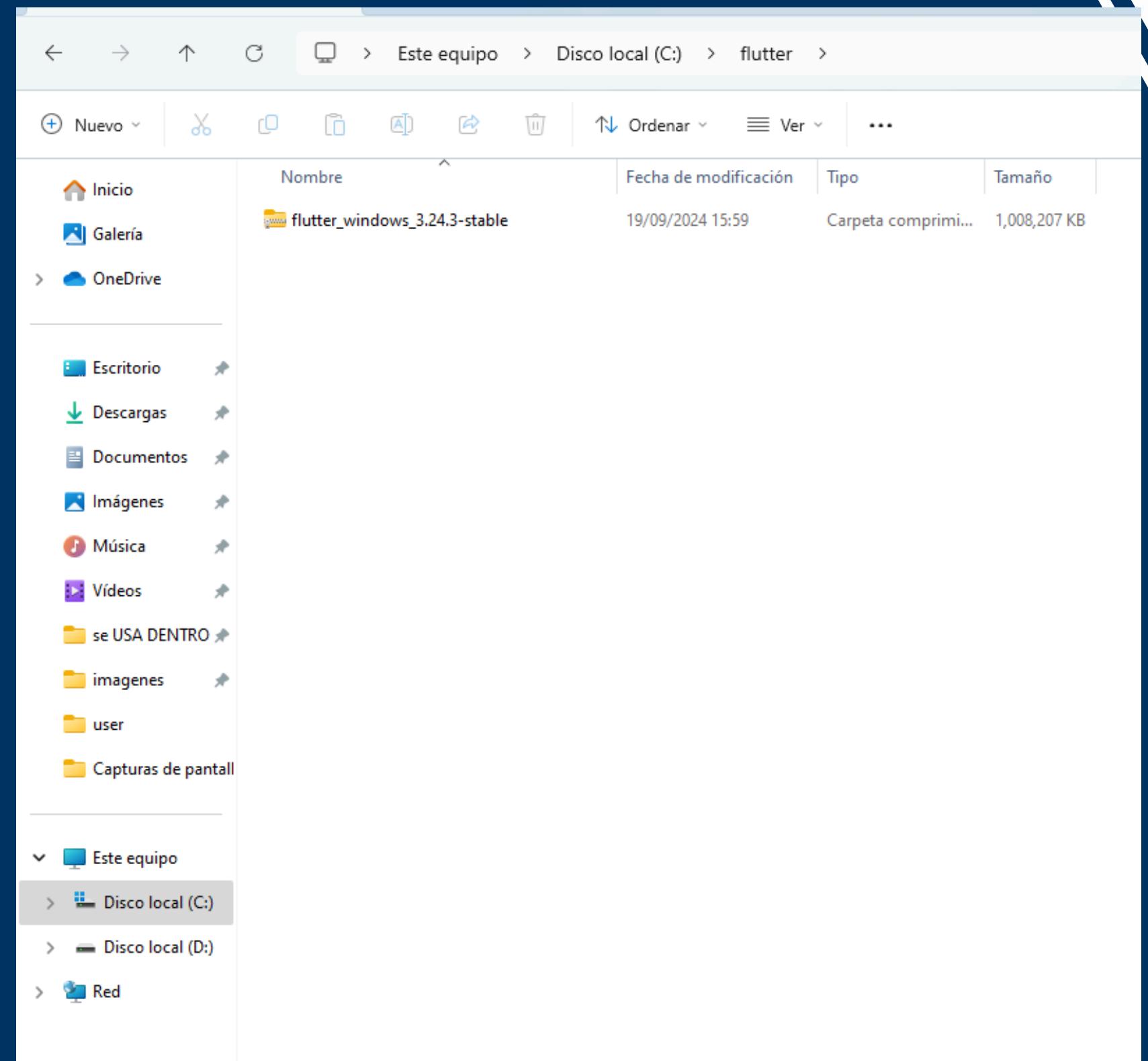
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OK, got it

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

The screenshot shows the Flutter website's 'Get started' page. In the top navigation bar, there are links for 'Multi-Platform', 'Development', 'Ecosystem', 'Showcase', and 'Docs'. On the left sidebar, under 'Get started', there are links for 'Install Flutter', 'Test drive', 'Write your first app', and 'Learn more'. Below these, under 'Where to get Flutter support', there is a link for 'From another platform?'. Under 'Stay up to date', there are links for 'Dart language overview' and 'Codelabs & samples'. Under 'App solutions', there are links for 'User interface', 'Introduction', 'Widget catalog', 'Layout', 'Adaptive & responsive design', 'Design & theming', 'Interactivity', 'Assets & media', and 'Navigation & routing'. The main content area has a green header box titled 'Recommended' with text about installing Visual Studio Code and the Flutter extension. Below it, a section titled 'Install the Flutter SDK' provides instructions for installing via VS Code or download. A sub-section titled 'Download then install Flutter' explains how to download the archive and extract the SDK. A blue button labeled 'flutter_windows_3.24.3-stable.zip' is highlighted with a red arrow pointing from the text 'Consider creating a directory at %USERPROFILE% (C:\Users\{username}) or %LOCALAPPDATA% (C:\Users\{username}\AppData\Local\flutter)'.

Descargamos y
guardamos en el
disco local C



 Flutter

Multi-Platform ▾ Development ▾ Ecosystem ▾ Showcase Docs ▾

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

Assets & media

Navigation & routing

Recommended

The Flutter team recommends installing [Visual Studio Code 1.77 or later](#) and the [Flutter extension for VS Code](#). This combination simplifies installing the Flutter SDK.

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

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](#).

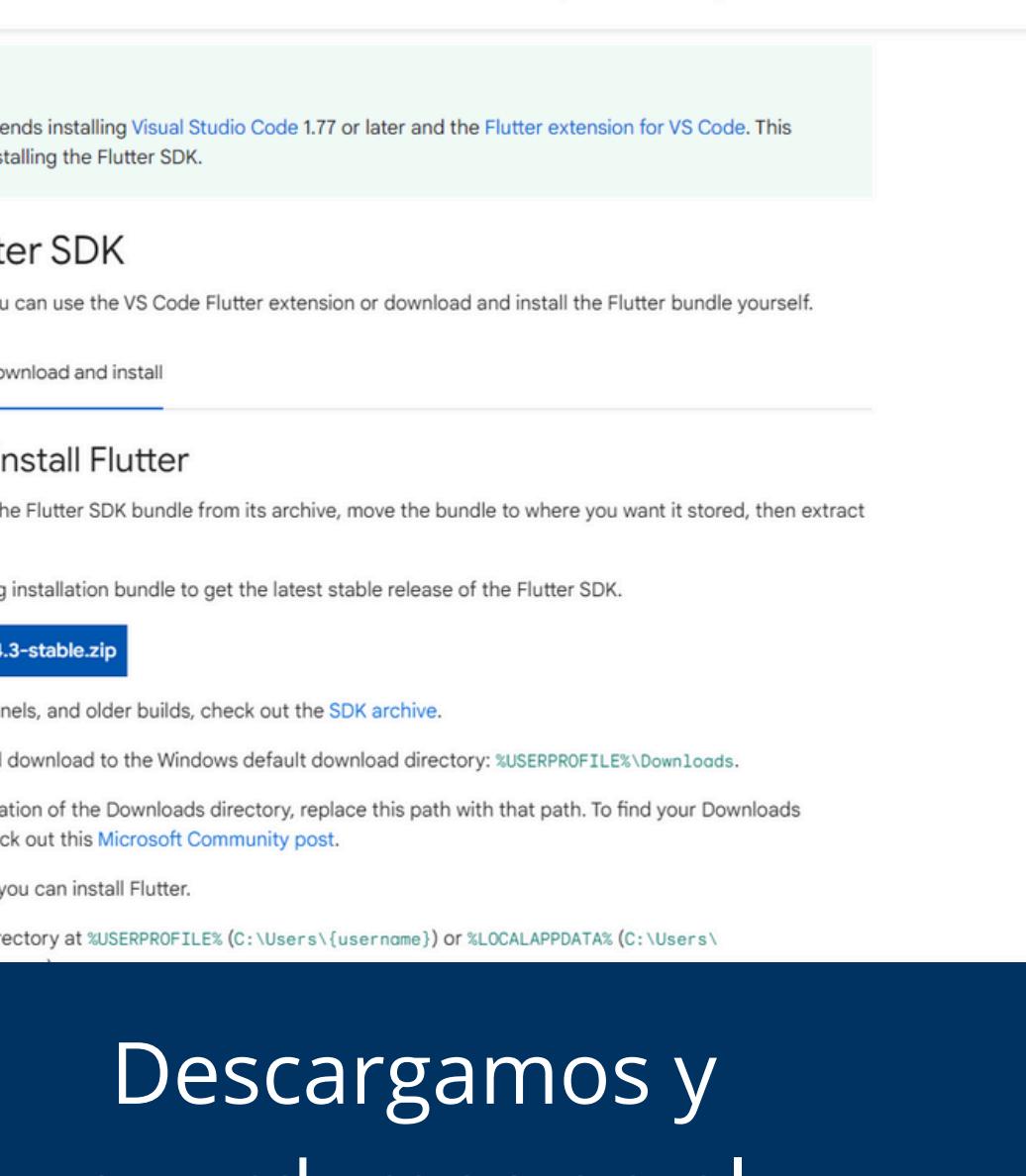
The Flutter SDK should download to the Windows default download directory: %USERPROFILE%\Downloads.

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.

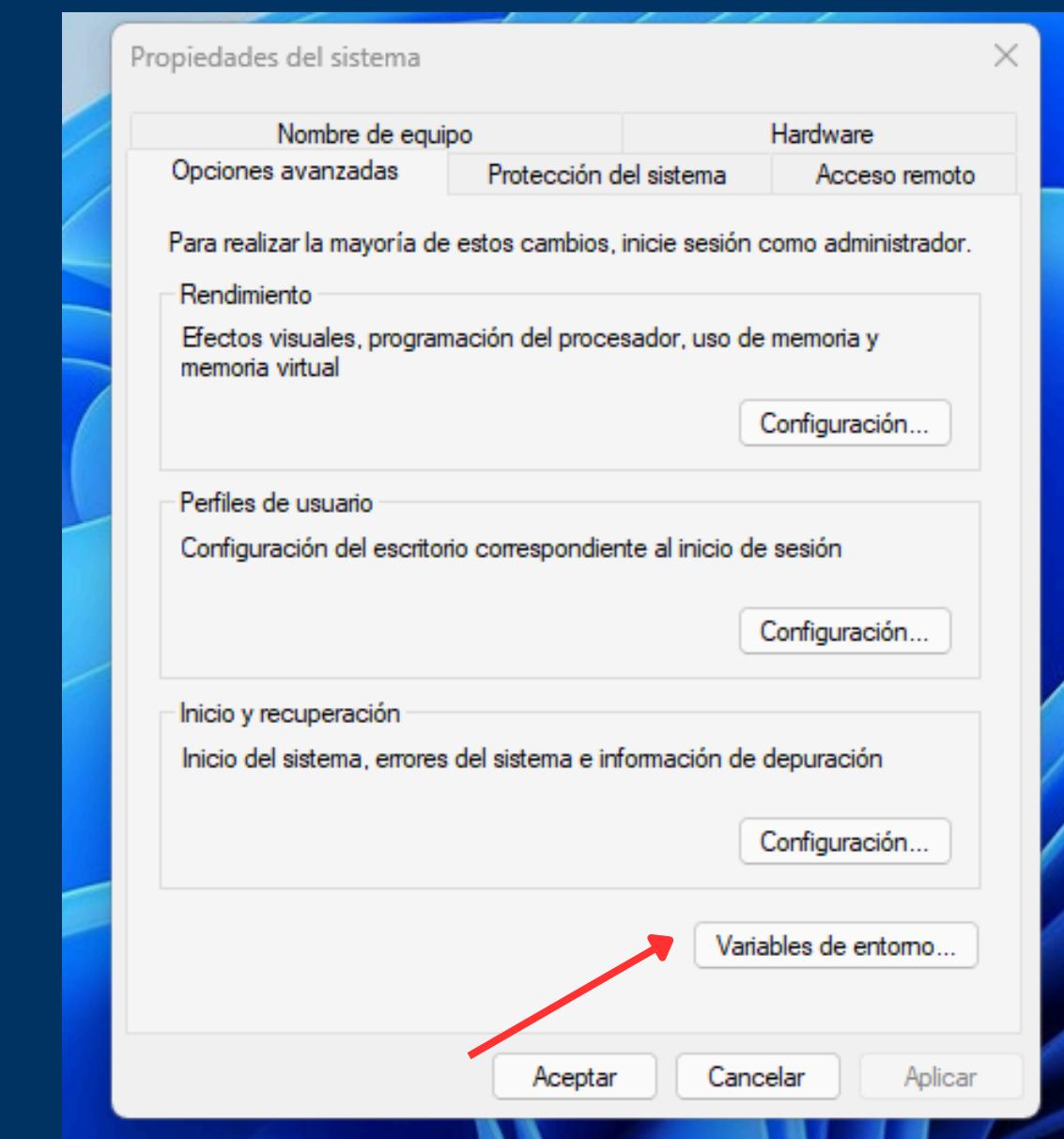
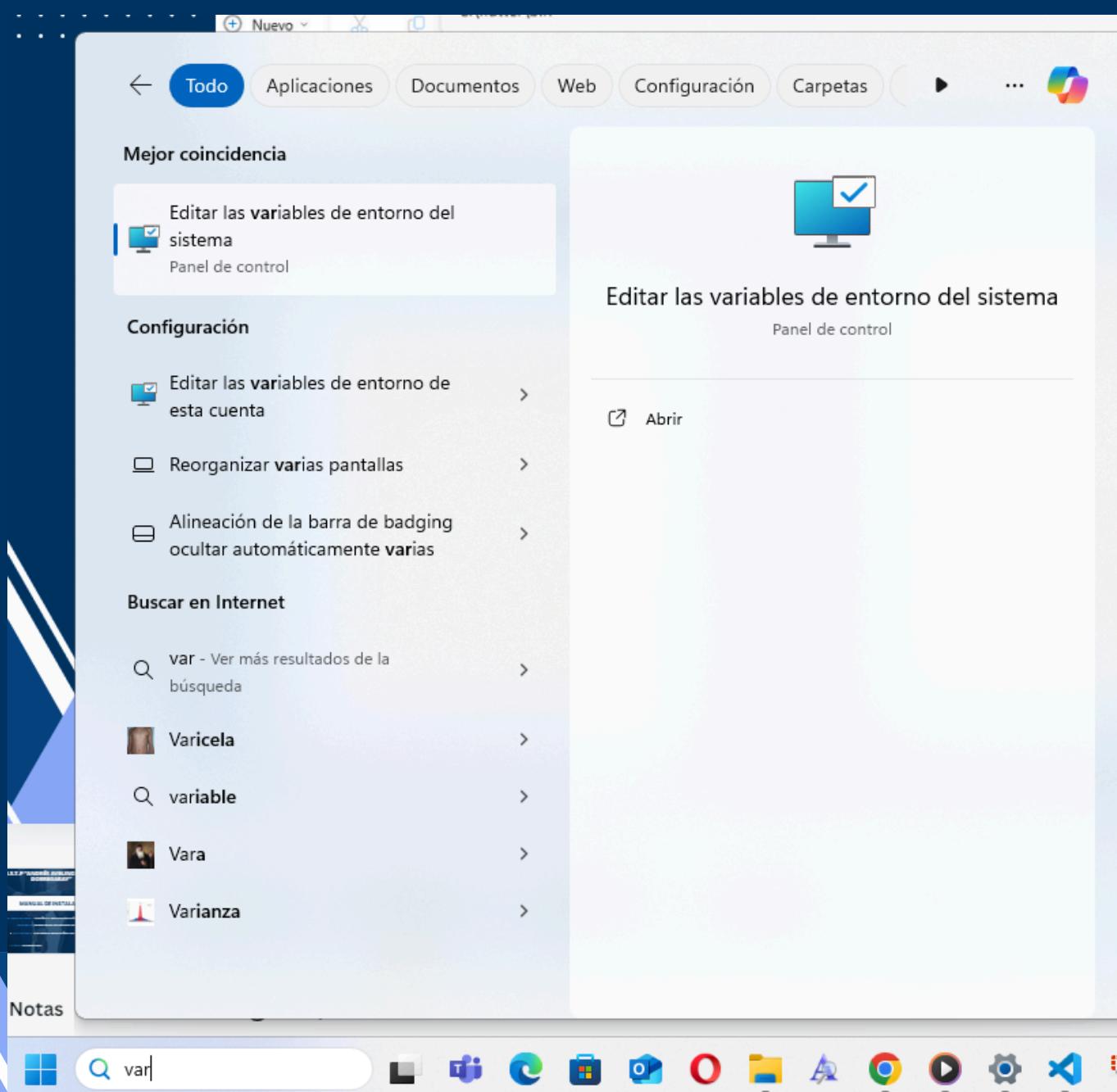
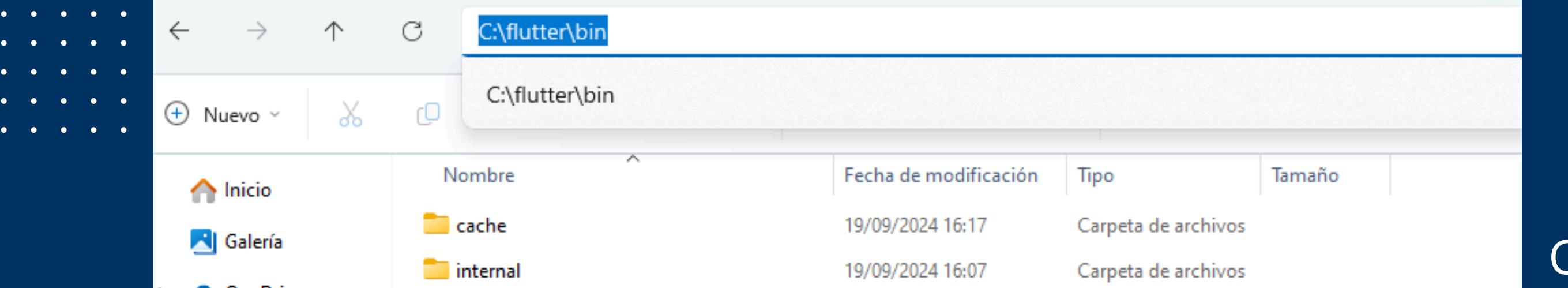
Consider creating a directory at %USERPROFILE% (C:\Users\{username}) or %LOCALAPPDATA% (C:\Users\{username}\AppData\Local).

Descargamos y
guardamos en el
disco local C

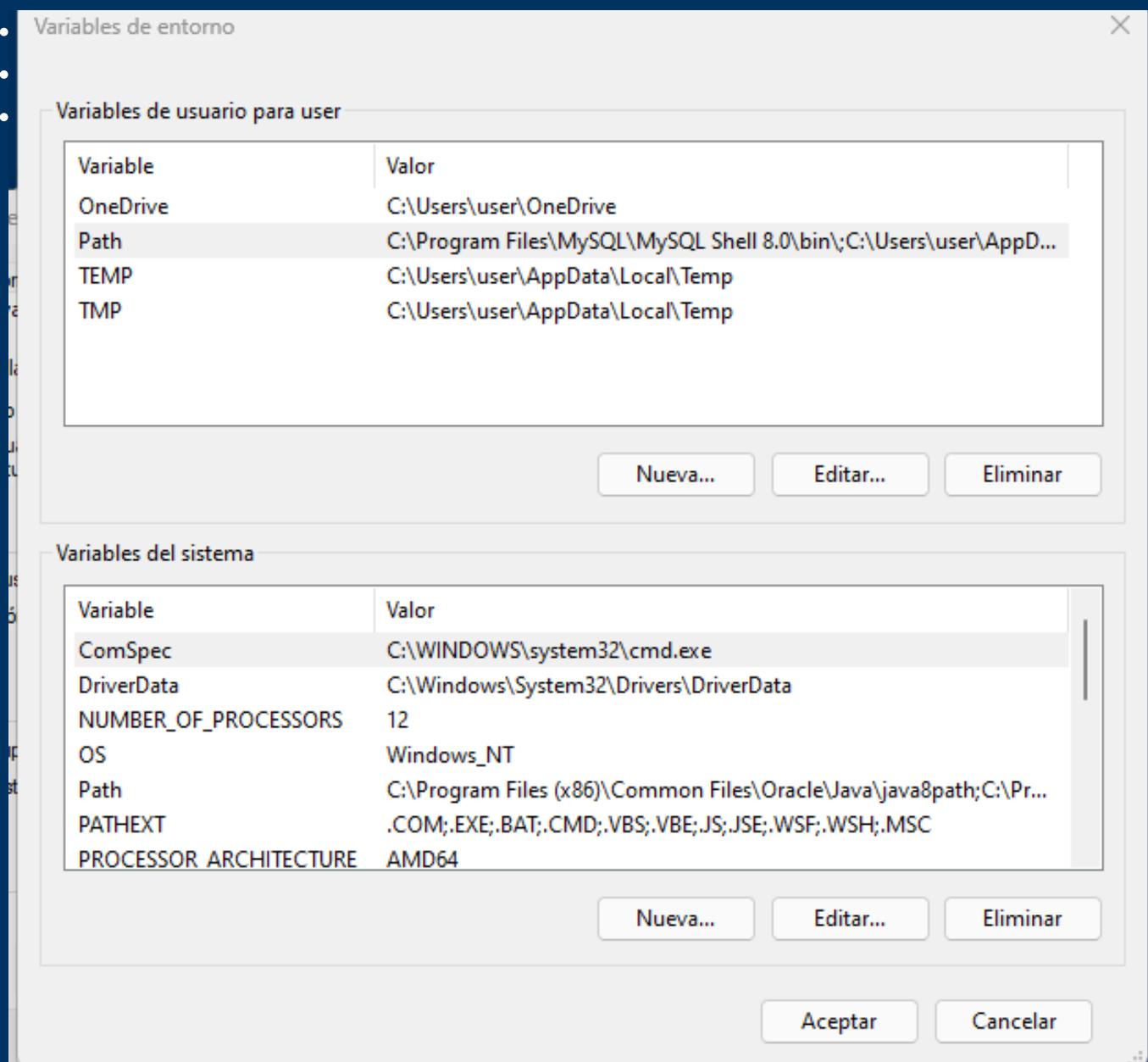


Este equipo > Disco local (C:)				
Nuevo	Ordenar	Ver	...	
Inicio	Nombre	Fecha de modificación	Tipo	Tamaño
	aafotos	18/04/2024 11:08	Carpeta de archivos	
	afotos	14/09/2023 11:04	Carpeta de archivos	
OneDrive	Archivos de programa	25/07/2024 15:30	Carpeta de archivos	
	Archivos de programa (x86)	25/07/2024 15:23	Carpeta de archivos	
Escritorio	BIANCACAL SIN	10/05/2024 02:07	Carpeta de archivos	
Descargas	BiancaNathaly	2/05/2024 10:48	Carpeta de archivos	
Documentos	canvas	31/10/2023 11:01	Carpeta de archivos	
Imágenes	carmenqb	30/10/2023 10:23	Carpeta de archivos	
Música	codelab-android-compose-main	7/05/2024 14:30	Carpeta de archivos	
Vídeos	diseñoyprogramacion	20/07/2023 11:20	Carpeta de archivos	
	diurnocarmen	9/04/2024 17:16	Carpeta de archivos	
	dory shopping	19/09/2023 08:25	Carpeta de archivos	
	imagenes	8/04/2024 11:40	Carpeta de archivos	
	edb	12/06/2024 12:28	Carpeta de archivos	
	ESD	19/09/2024 16:18	Carpeta de archivos	
	Capturas de pantalla	10/09/2024 15:50	Carpeta de archivos	
	flutter	19/09/2024 16:18	Carpeta de archivos	
	flutterd	10/09/2024 15:50	Carpeta de archivos	

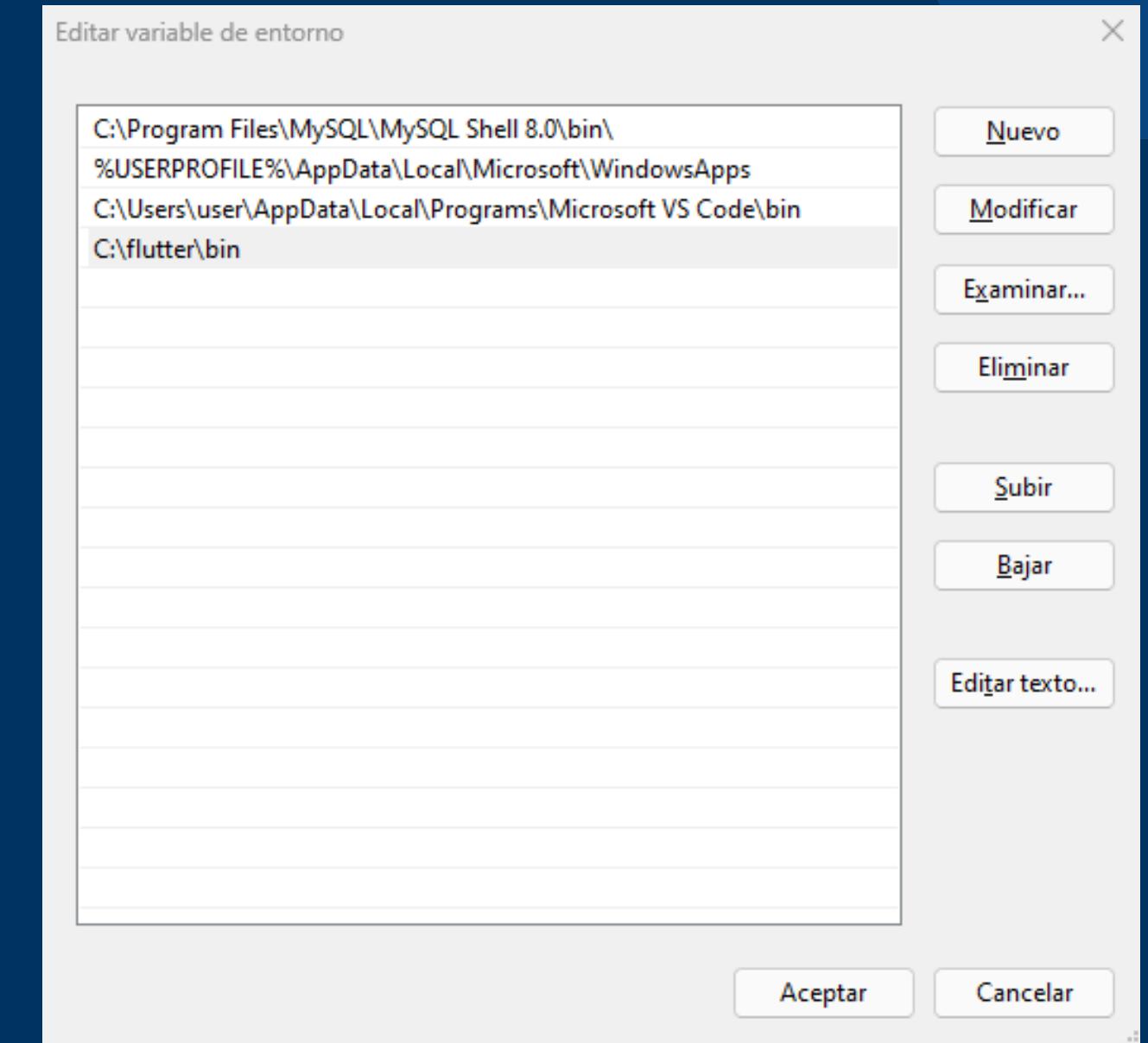
Copiamos la ruta



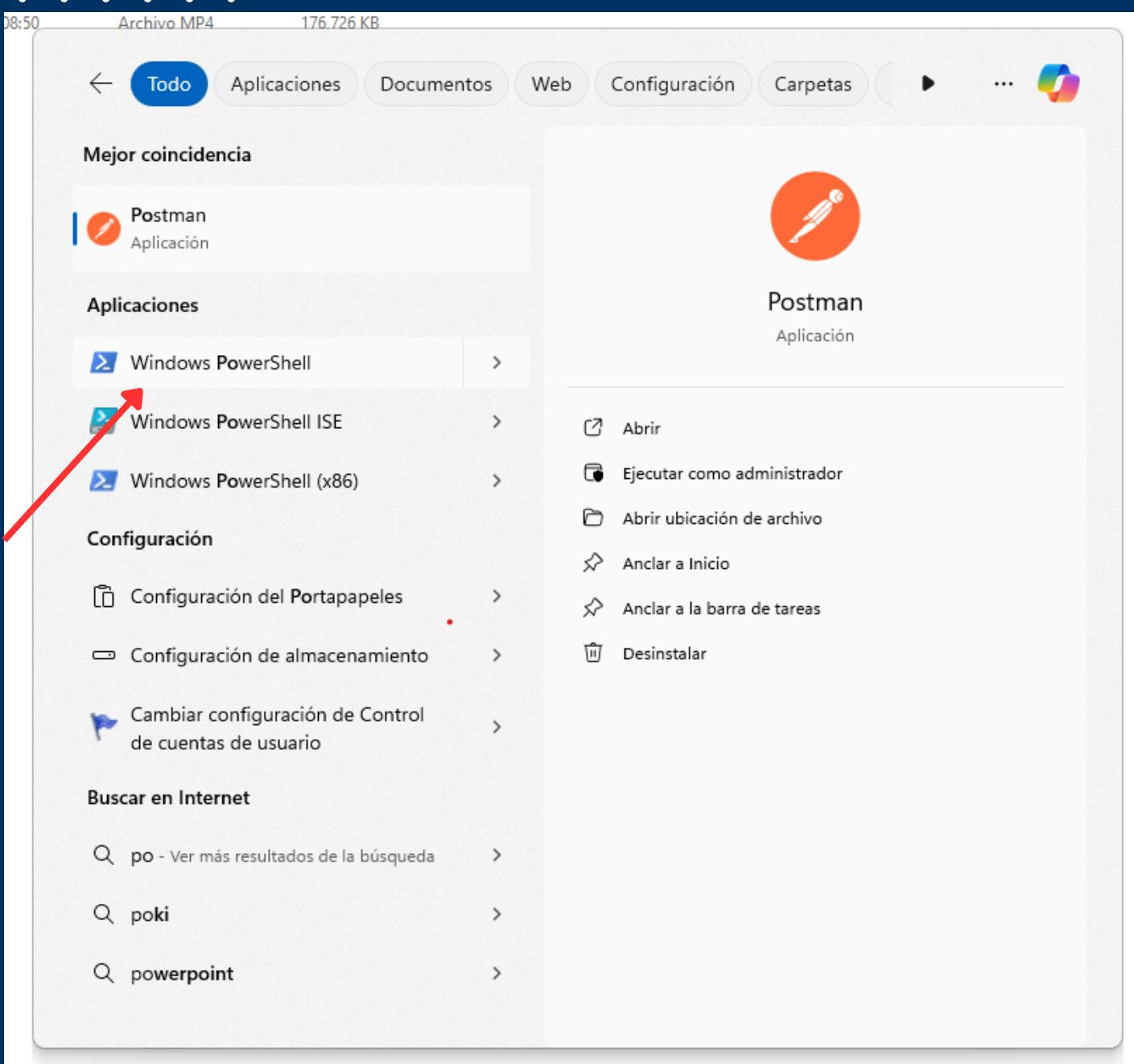
Abrimos las variables de entorno



Click en Path y editar



Click en nuevo y pegar lo copiado de la ruta



Abrimos powerShell

```
Administrator: Windows PowerShell
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:\WINDOWS\system32> flutter doctor

Welcome to Flutter! - https://flutter.dev

The Flutter tool uses Google Analytics to anonymously report feature usage statistics and basic crash reports. This data is used to help improve Flutter tools over time.

Flutter tool analytics are not sent on the very first run. To disable reporting, type 'flutter config --no-analytics'. To display the current setting, type 'flutter config'. If you opt out of analytics, an opt-out event will be sent, and then no further information will be sent by the Flutter tool.

By downloading the Flutter SDK, you agree to the Google Terms of Service. The Google Privacy Policy describes how data is handled in this service.

Moreover, Flutter includes the Dart SDK, which may send usage metrics and crash reports to Google.

Read about data we send with crash reports:
https://flutter.dev/to/crash-reporting

See Google's privacy policy:
```

En el administrador Windows PowerShell -Flutter doctor

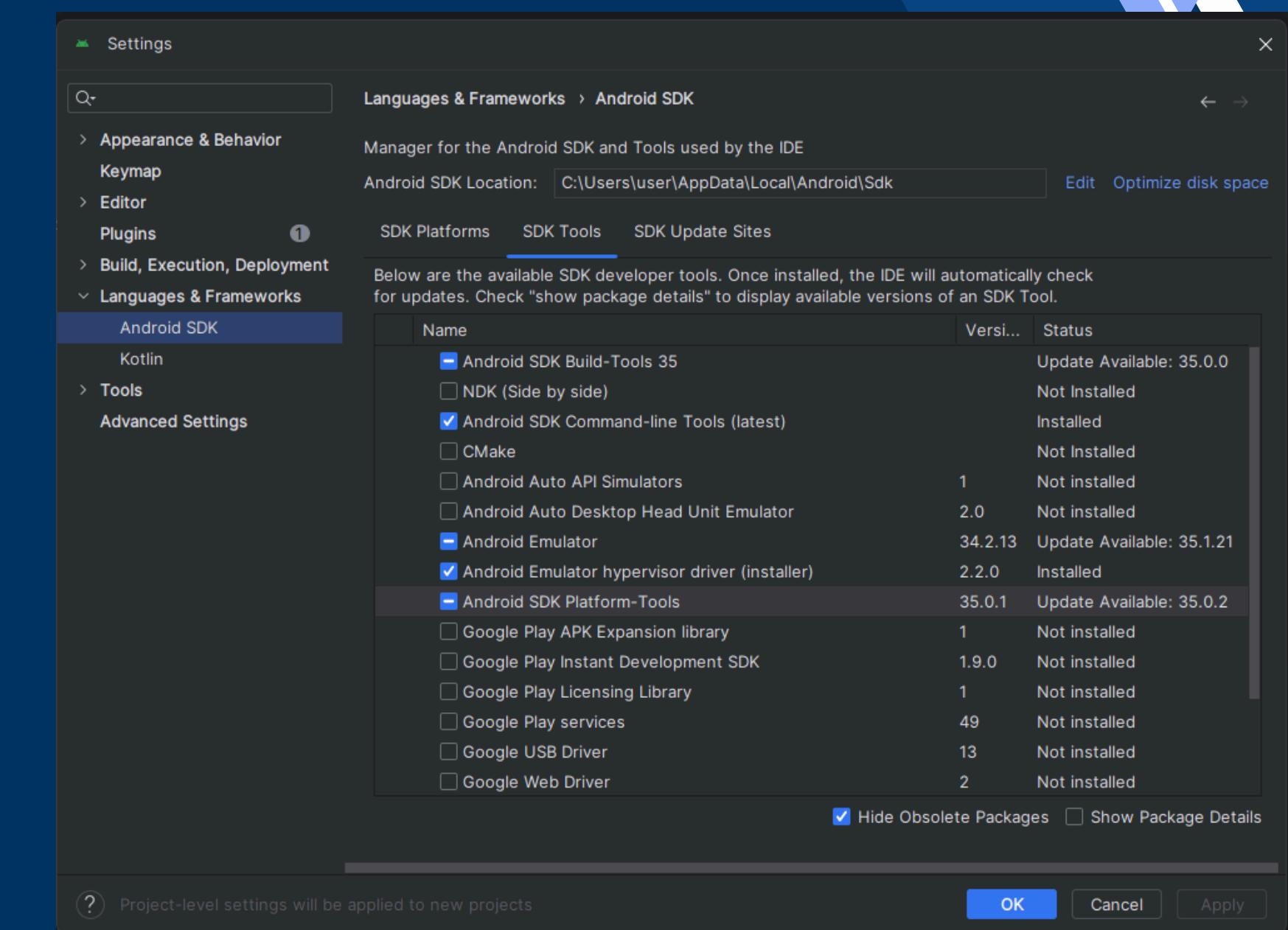
```
Administrator: Windows PowerShell

Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Versión 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
[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 1.91.1)
[✓] 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:
```

Verificamos que hay un error del emulator



Corregimos el error

```
Administrator: Windows PowerShell
! 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:\WINDOWS\system32> flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.3, on Microsoft Windows [Versión 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.
    ! Some Android licenses not accepted. To resolve this, run: flutter doc
[✓] 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
[✓] Android Studio (version 2023.3)
[✓] VS Code (version 1.91.1)
[✓] Connected device (3 available)
[✓] Network resources
```

Verificamos nuevamente y le damos **yes (y)** para las licencias

```
Administrator: Windows PowerShell
PS C:\WINDOWS\system32> flutter doctor --android-licenses
[=====] 100% Computing updates...
      5 of 7 SDK package licenses not accepted.
Review licenses that have not been accepted (y/N)?
```

```
[=====] 100% Computing updates...
5 of 7 SDK package licenses not accepted.
Review licenses that have not been accepted (y/N)? y

1/5: License android-googletv-license:
-----
Terms and Conditions

This is the Google TV Add-on for the Android Software Development Kit License Agreement.

1. Introduction

1.1 The Google TV Add-on for the Android Software Development Kit (referred to in this License Agreement as the "Google TV Add-on" and specifically including the Android system files, packaged APIs, and Google APIs add-ons) is licensed to you subject to the terms of this License Agreement. This License Agreement forms a legally binding contract between you and Google in relation to your use of the Google TV Add-on.

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2.2 You can accept this License Agreement by:
(A) clicking to accept or agree to this License Agreement, where this option is made available to you; or
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```

```
Administrator: Windows PowerShell
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3.6 Nothing in this License Agreement gives you a right to use any of Google's or its licensors' trade names, trademarks, service marks, logos, domain names, or other distinctive brand features.

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4.1 Google agrees that it obtains no right, title or interest from you (or your licensors) under this License Agreement in or to any software applications that you develop using the Google TV Add-on, including any intellectual property rights that subsist in those applications.

4.2 You agree to use the Google TV Add-on and write applications only for purposes that are permitted by (a) this License Agreement and (b) any applicable law, regulation or generally accepted practices or guidelines in the relevant jurisdictions (including any laws regarding the export of data or software to and from the United States or other relevant countries).

4.3 You agree that if you use the Google TV Add-on to develop applications for general public users, you will protect the privacy and legal rights of those users. If the users provide you with user names, passwords, or other login information or personal information, you must make the users aware that the information will be available to your application, and you must provide legally adequate privacy notice and protection for those users. If your application stores personal or sensitive information provided by users, it must do so securely. If the user provides your application with Google Account information, your application may only use that information to access the user's Google Account when, and for the limited purposes for which, the user has given you explicit permission to do so.

4.4 You agree that you will not engage in any activity with the Google TV Add-on, including the development or distribution of an application, that interferes with, disrupts, damages, or accesses in an unauthorized manner the servers, networks, or other properties or services of any third party including, but not limited to, Google, Multichannel Video Program Distributors or any mobile communications carrier.

4.5 You agree that you are solely responsible for (and that Google has no responsibility to you or to any third party for) any data, content, or resources that you create, transmit or display through the Google TV platform and/or applications for the Google TV platform, and for the consequences of your actions (including any loss or damage which Google may suffer) by doing so.

4.6 You agree that you are solely responsible for (and that Google has no responsibility to you or to any third party for) any breach of your obligations under this License Agreement, any applicable third party contract or Terms of Service, or any applicable law or regulation, and for the consequences (including any loss or damage which Google or any third party may suffer) of any such breach.

5. Your Developer Credentials

5.1 You agree that you are responsible for maintaining the confidentiality of any developer credentials that may be issued to you by Google or which you may choose yourself and that you will be solely responsible for all applications that a
```

```
Administrator: Windows PowerShell
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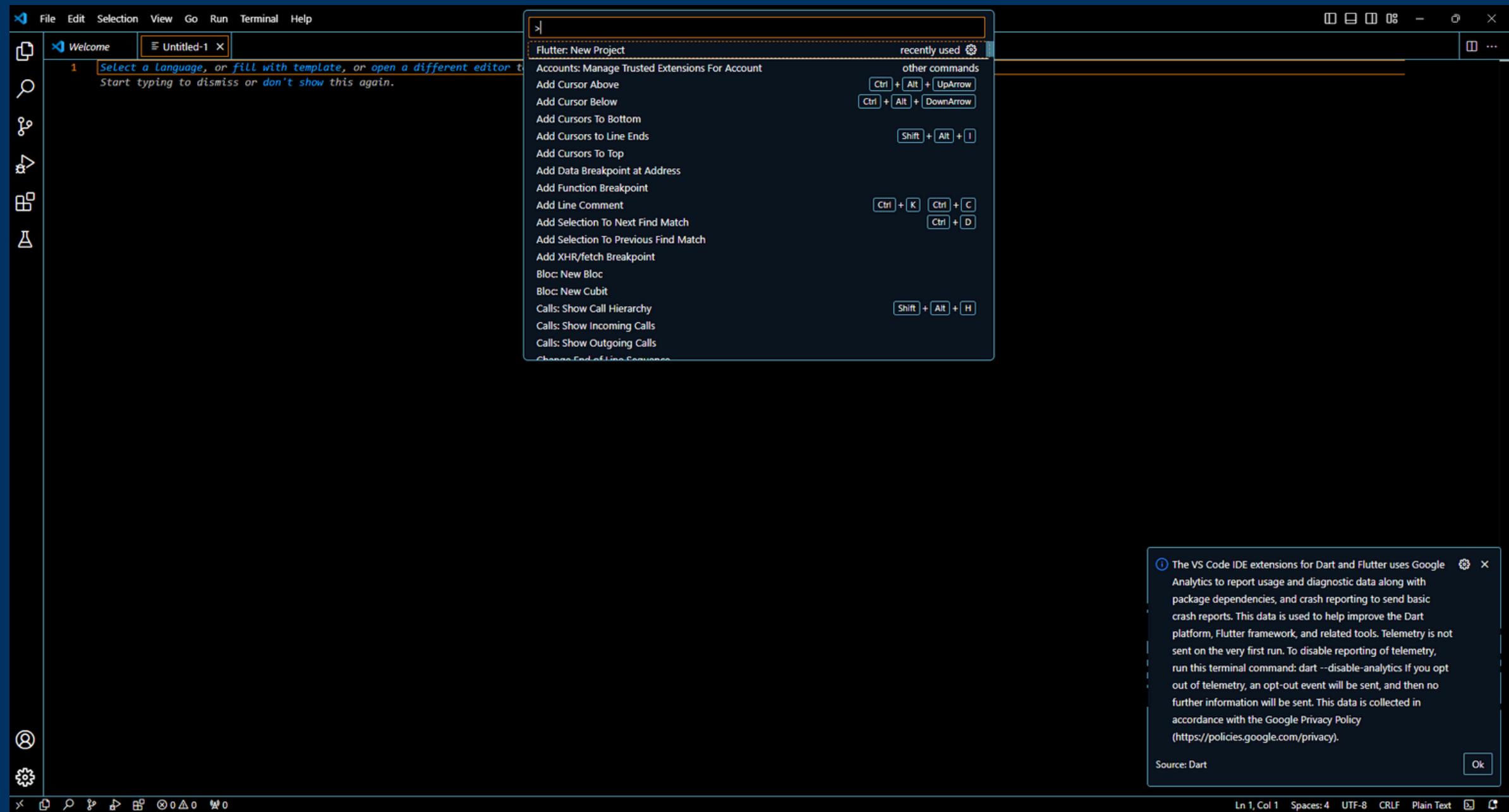
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Accept? (y/N): y
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PS C:\WINDOWS\system32>
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Thank
you!