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MINGGU KE-1

- Download dan Instalasi Android Studio

ANDROID STUDIO

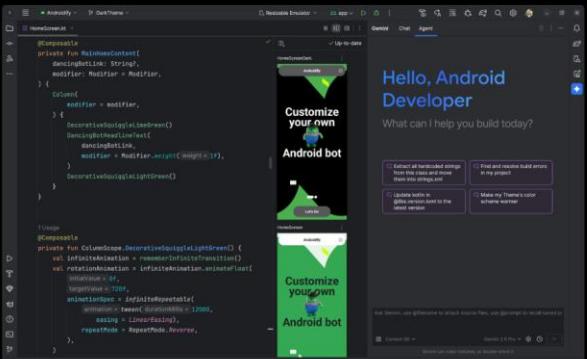
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Android Studio

The official IDE for Android app development now accelerates your productivity with Gemini in Android Studio, your AI-powered coding companion.

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Developer

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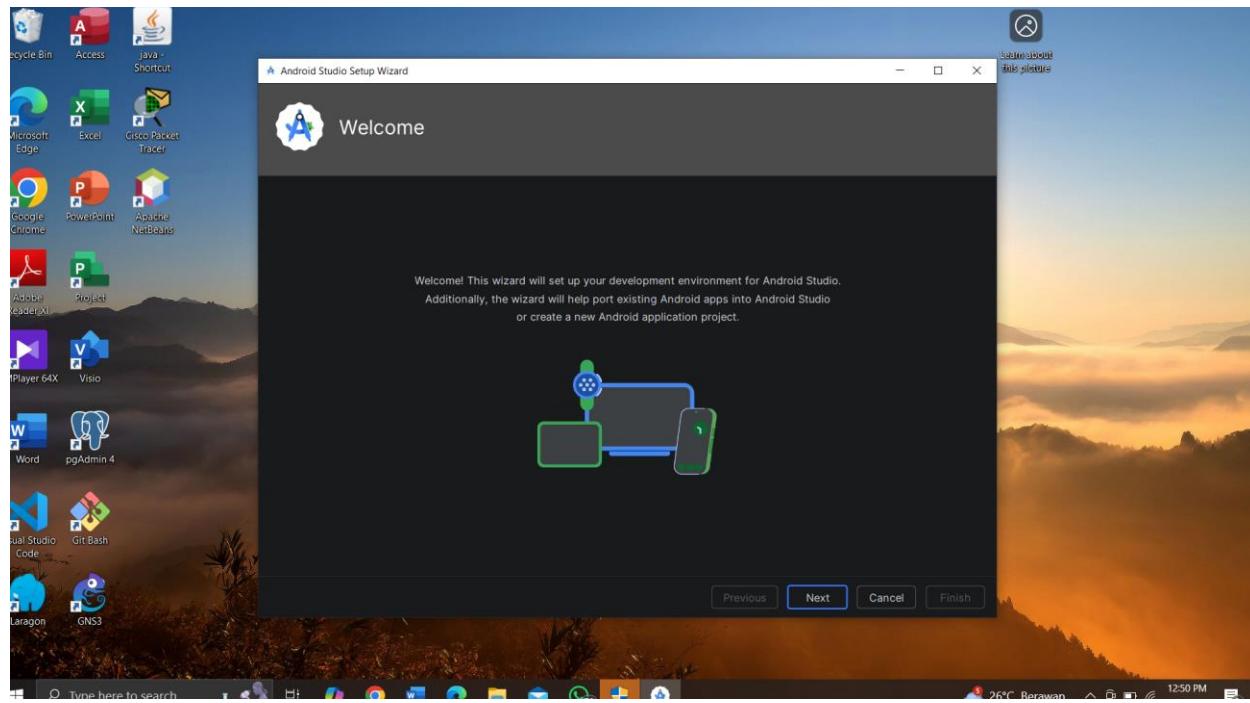
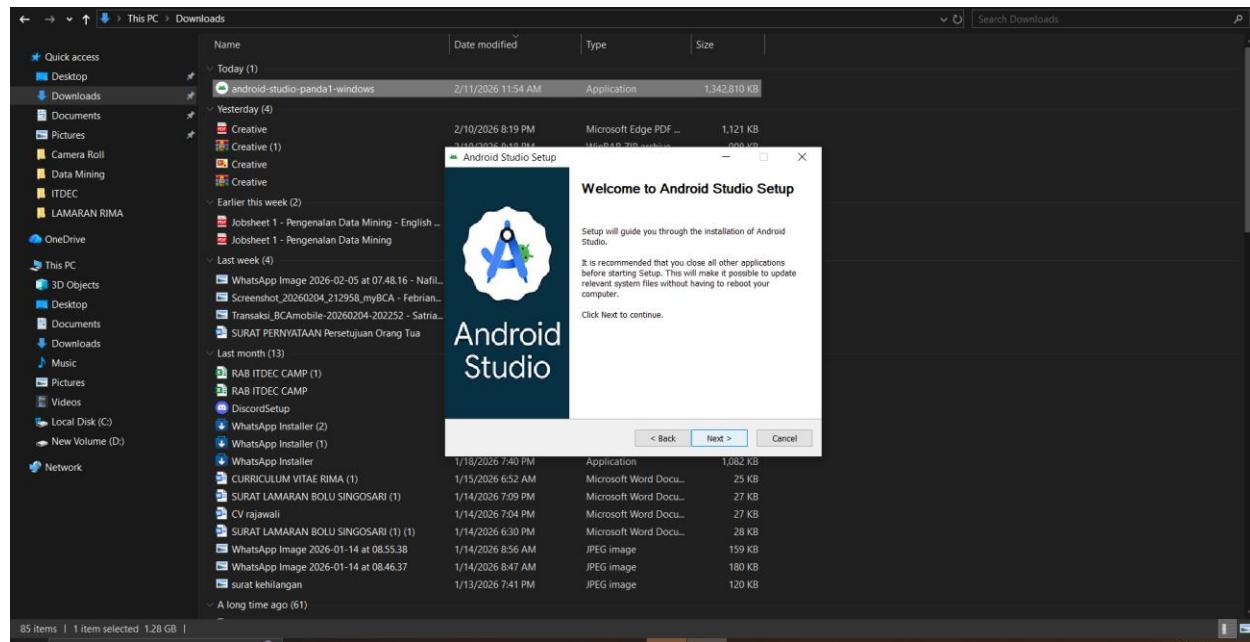
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android-studio-panda1-windows.exe

New features

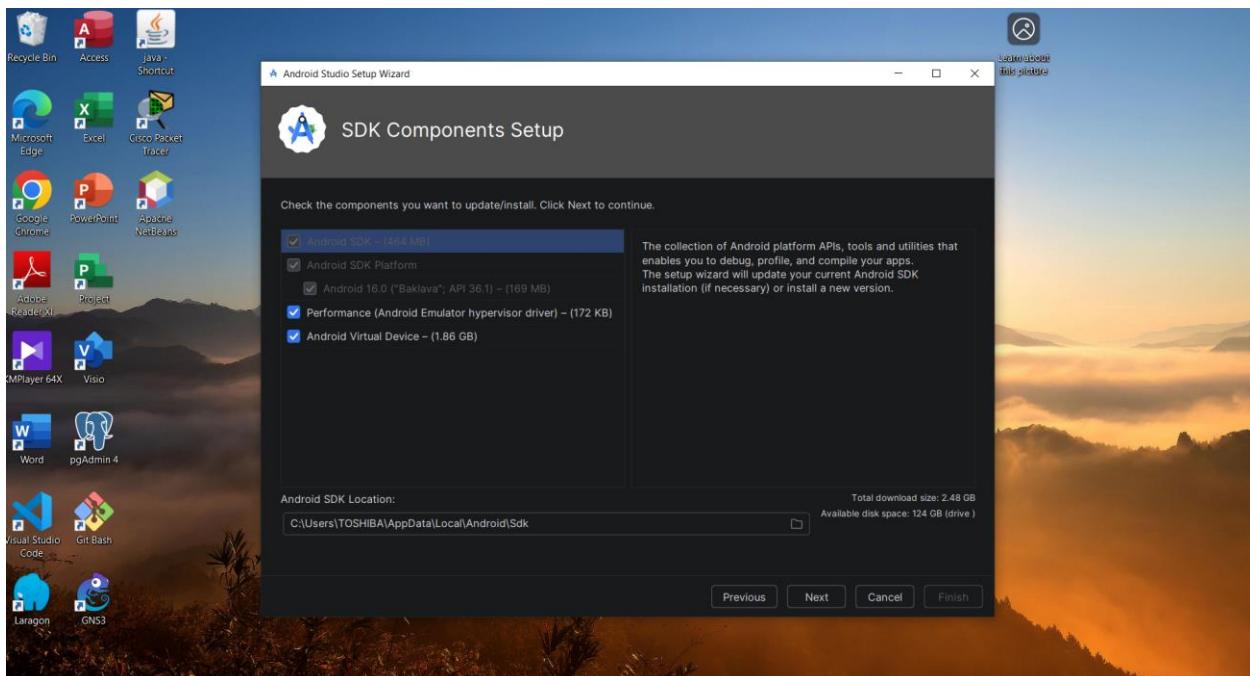
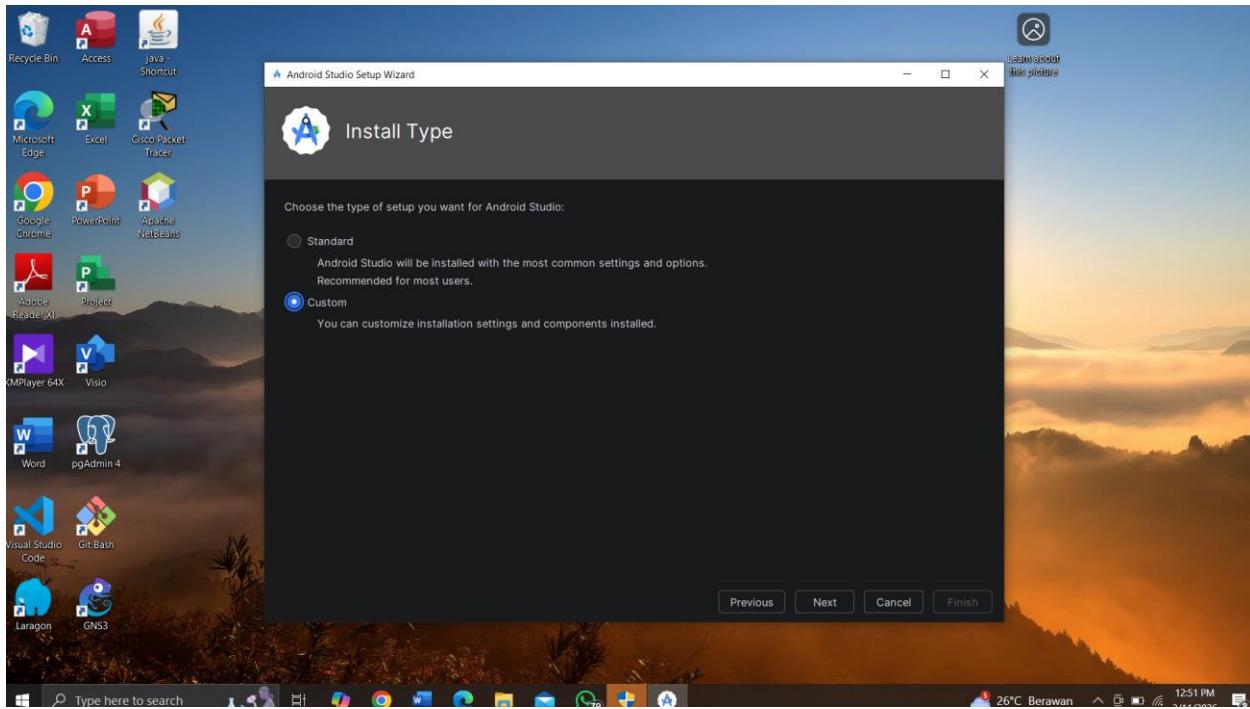


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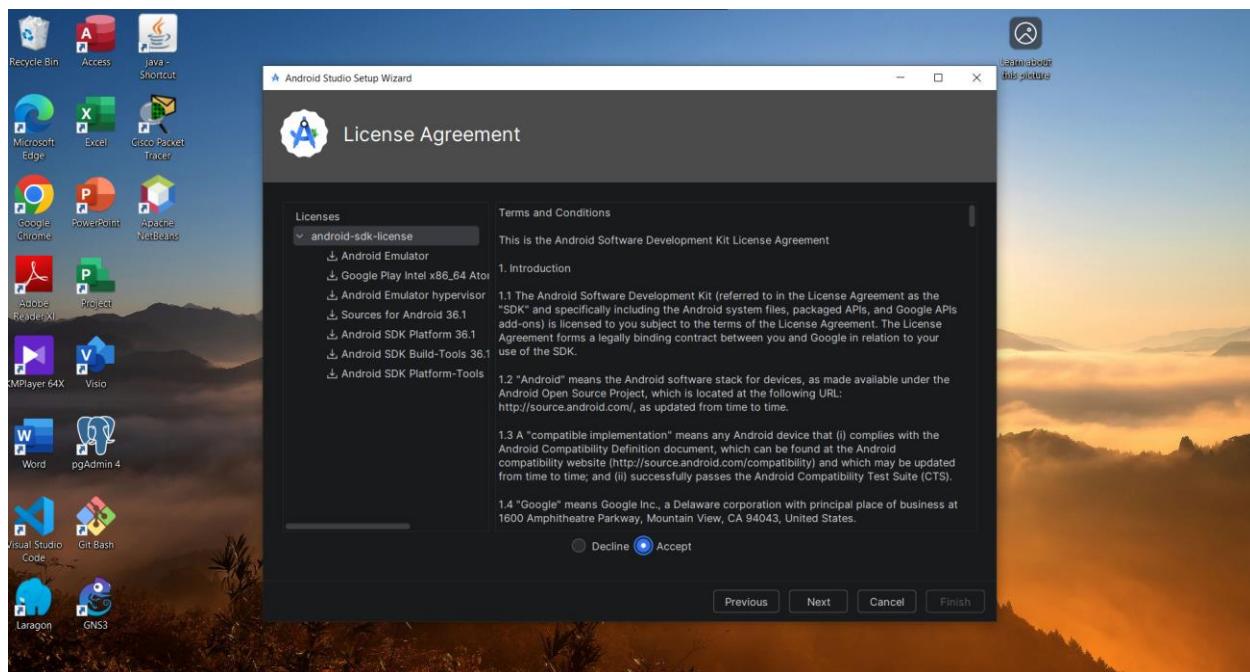
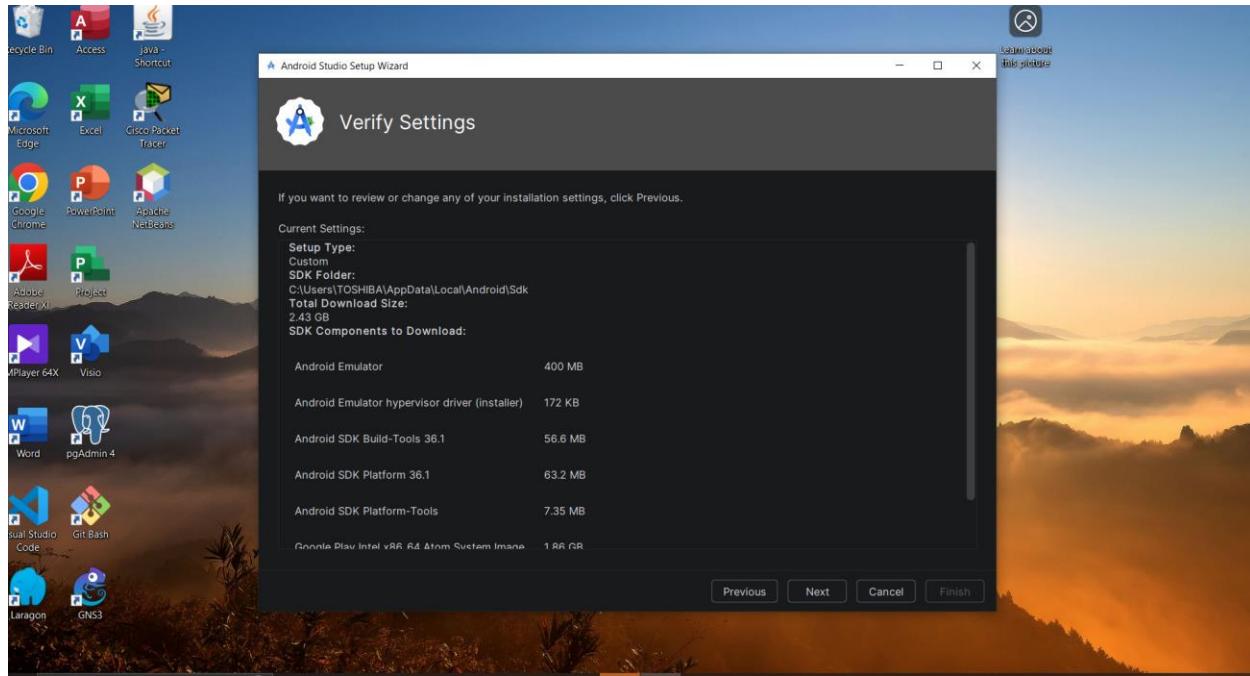


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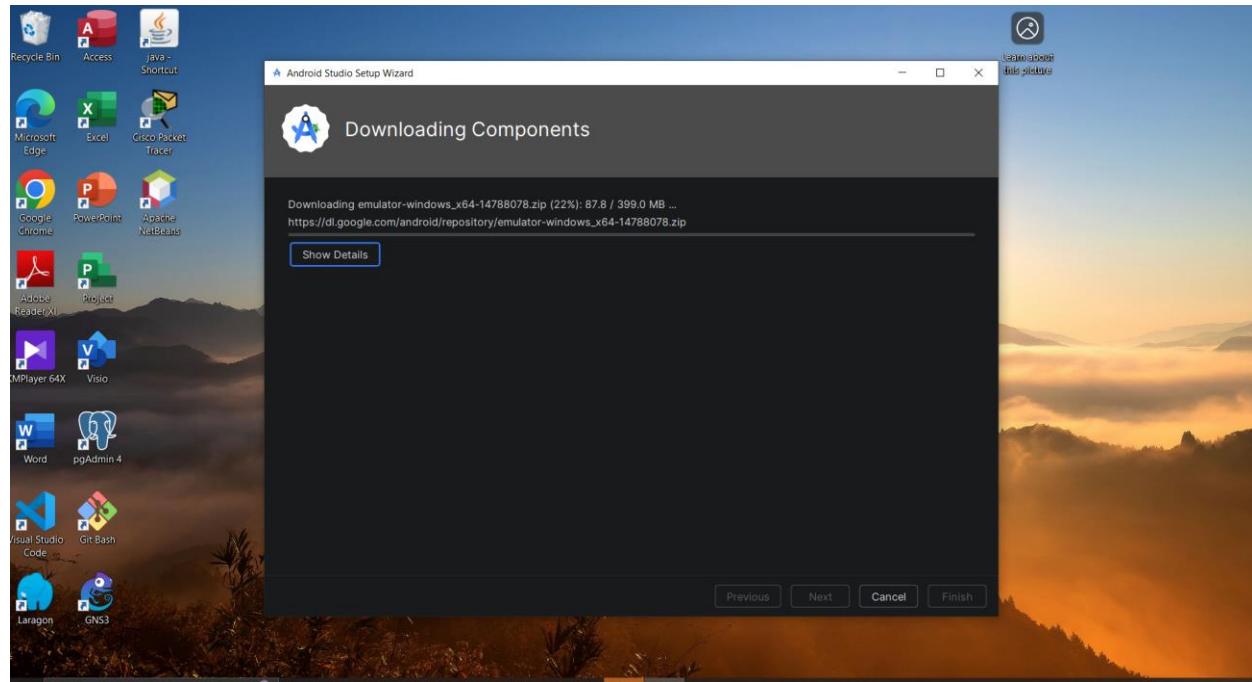




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The screenshot shows a web browser window with two tabs open. The active tab is 'docs.flutter.dev/install/archive' which displays the 'Welcome to Android Studio' interface. This interface includes a sidebar with 'Stable channel' selected, a main area with 'Welcome to Android Studio' and 'Create a new project to start from scratch.', and a bottom section for 'Beta channel'. Below the browser is a message from docs.flutter.dev about cookie usage.

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➤ Download dan Instalasi Flutter

The screenshot shows the Flutter Docs website with the 'Stable channel' section selected. It lists several versions of Flutter for Windows (x64). The table includes columns for Flutter version, Architecture, Ref, Release date, Dart version, and Provenance. The first few rows are:

Flutter version	Architecture	Ref	Release date	Dart version	Provenance
3.38.9	x64	67323de	1/30/2026	3.10.8	Attestation bundle
3.38.8	x64	bd7a4a6	1/28/2026	3.10.7	Attestation bundle
3.38.7	x64	3b62efc	1/15/2026	3.10.7	Attestation bundle
3.38.6	x64	8b87286	1/9/2026	3.10.7	Attestation bundle
3.38.5	x64	f6ff152	12/12/2025	3.10.4	Attestation bundle
3.38.4	x64	A6fd93f	12/5/2025	3.10.3	Attestation bundle

Extract file Flutter yang di download

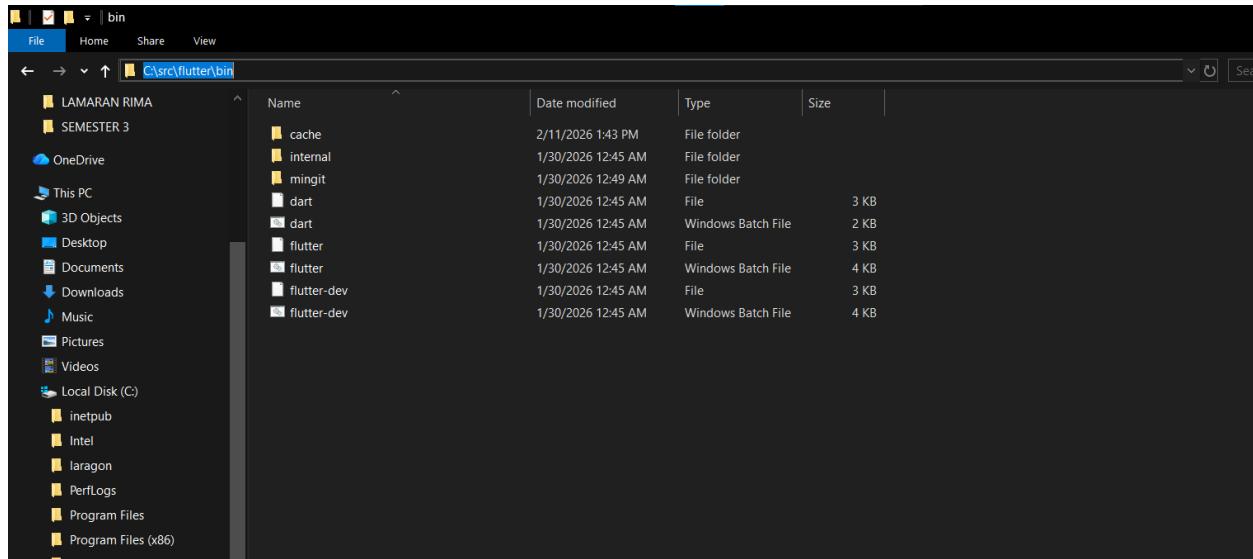
The screenshot shows a Windows File Explorer window with a file named 'flutter_windows_3.38.9-stable.zip' being extracted. The extraction progress bar is at 58%. The progress dialog box shows the following details:

- Elapsed time: 00:00:23
- Time left: 00:00:08
- Processed: 73%

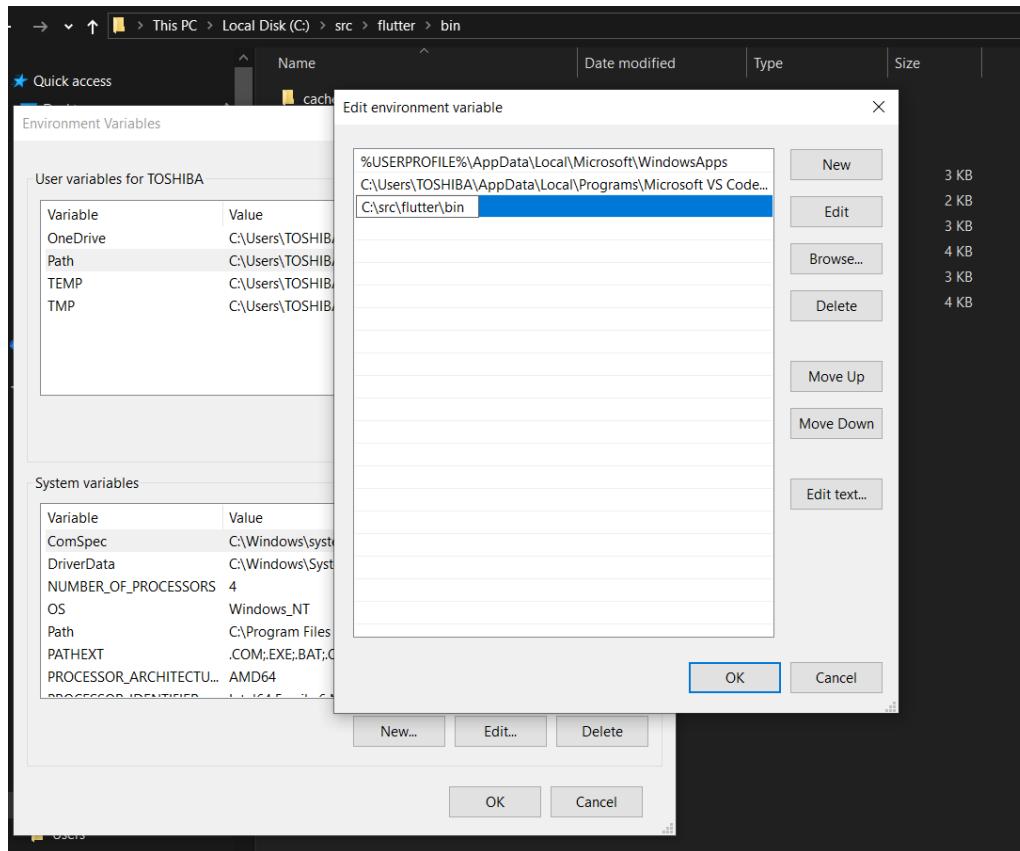
The file was last modified on 2/11/2026 at 1:17 PM.



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Konfigurasi Environment Variables (Path)





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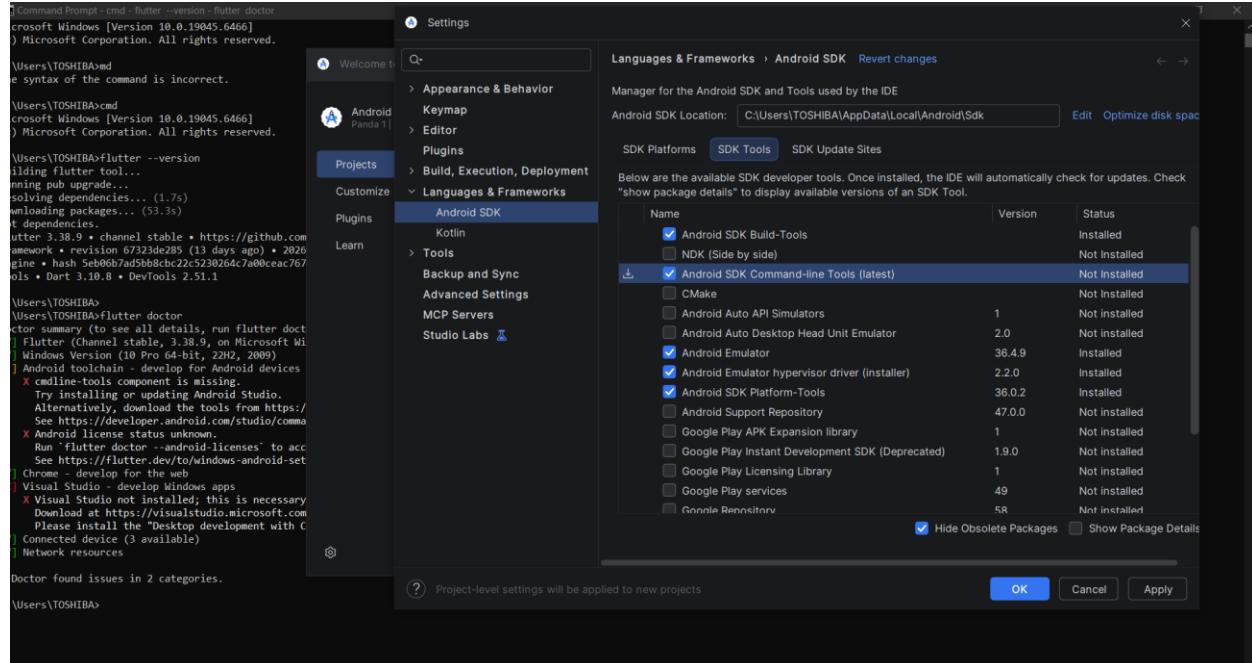
```
[cmd] Command Prompt - cmd - flutter --version - flutter doctor - flutter doctor --android-licenses To accept the SDK licenses. - flutter doctor - flutter doctor --android-licenses - flutter doctor
Microsoft Windows [Version 10.0.19045.6466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\TOSHIBA>cmd
Microsoft Windows [Version 10.0.19045.6466]
(c) Microsoft Corporation. All rights reserved.

C:\Users\TOSHIBA>flutter --version
Building flutter tool...
Running pub upgrade...
Resolving dependencies... (1.7s)
Downloading packages... (53.3s)
Got dependencies.
Flutter 3.38.9 • channel stable • https://github.com/flutter/flutter.git
Framework • revision 67323de285 (13 days ago) • 2026-01-28 13:43:12 -0800
Engine • hash 5eb06b7ad5bbb8cbc22c5230264c7a00ceac7674b (revision 587c18f873) (14 days ago) • 2026-01-27 23:23:03.000Z
Tools • Dart 3.10.8 • DevTools 2.51.1

C:\Users\TOSHIBA>
C:\Users\TOSHIBA>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.38.9, on Microsoft Windows [Version 10.0.19045.6466], locale en-US)
[✓] Windows Version (10 Pro 64-bit, 22H2, 2009)
[!] Android toolchain - develop for Android devices (Android SDK version 36.1.0)
  X cmdline-tools component is missing.
    Try installing or updating Android Studio.
  Alternatively, download the tools from https://developer.android.com/studio#command-line-tools-only and make sure to set the ANDROID_HOME environment variable.
  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
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.
```





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➤ Download Extension Flutter

The screenshot shows the Visual Studio Code Marketplace interface. On the left, there is a sidebar with various extensions listed under the 'flutter' search term. One extension, 'Flutter' by Dart Code, is highlighted and has an 'Install' button. The main panel displays the details for the 'Flutter' extension, which is version 3.128.0, published 7 years ago, and last updated 56 minutes ago. It has a size of 26.67KB and a star rating of 4.5. The 'Installation' section shows it is identified as 'dart-code.flutter'. Below this, the 'Marketplace' section shows it was last released 1 week ago. At the bottom, the terminal window shows the command 'dart run' being executed in a directory named 'WEEK 1'.

➤ Menjalankan Program Hello World

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left shows a project structure for 'PEMROGRAMAN-MOBILE' with a folder 'WEEK 1' containing 'dart_basic1'. The main editor window on the right displays a Dart code file named 'dart_basic1.dart'. The code defines a function 'calculate()' that returns the area of a triangle. The terminal window at the bottom shows the output of running the program, which prints 'Hello world: 42!' and 'Luas segitiga: 25'. The status bar at the bottom indicates the file is 10 lines long.



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The screenshot shows a Visual Studio Code interface. On the left is the Explorer sidebar with a tree view of a Dart project named 'PERMOGRAMAN-MOBILE'. The 'bin' folder contains 'dart_basic1.dart', which is currently selected and highlighted in purple. Other files in 'bin' include 'dart_tool', 'lib', and 'test'. The 'lib' folder contains 'dart_basic1.dart'. The 'src' folder contains 'README.md', 'CHANGELOG.md', 'pubspec.lock', 'pubspec.yaml', and 'analysis_options.yaml'. The bottom status bar shows the path 'JS 1 - Meriam Oktavia Martadinata - ...'.

WEEK 1 > dart_basic1 > bin > dart_basic1.dart > ...

```
1 import 'package:dart_basic1/dart_basic1.dart' as dart_basic1;
2
3 Run | Debug
4 void main(List<String> arguments) {
5   print('Hello world: ${dart_basic1.calculate()}!');
6   //Memanggil fungsi segitiga
7   print('Luas segitiga: ${dart_basic1.segitiga(10, 5)}');
8
9
10 |
```

Output