

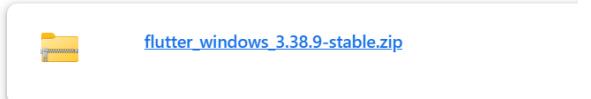
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Kelas : SIB 2F

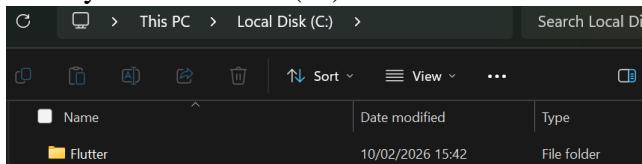
Pertemuan 1

Pemrograman Mobile

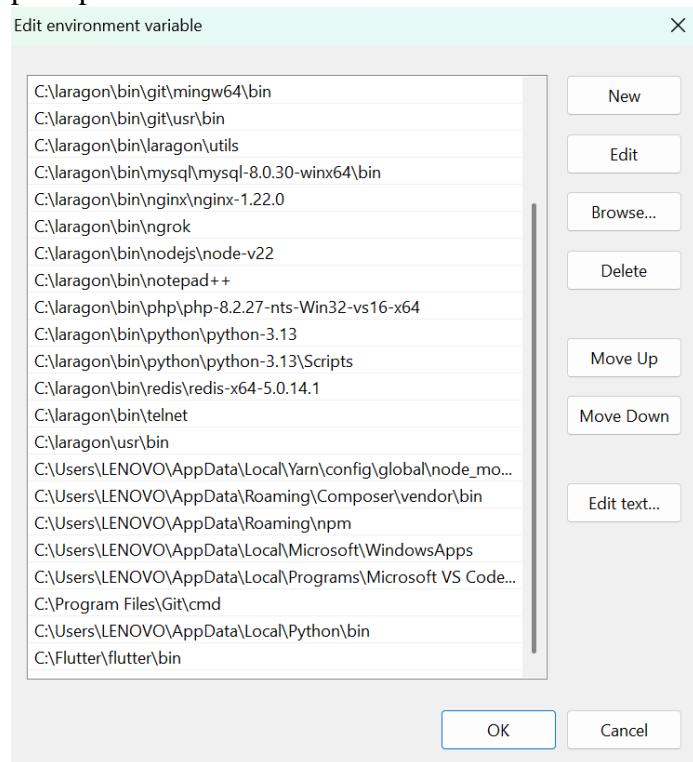
1. Install Flutter SDK



Setelah flutter SDK di download, lalu ekstrak file ke lokasi yang mudah di akses misalnya ke local disk (C:).



Konfigurasi environment variables dengan menambahkan folder bin dari Flutter SDK ke dalam Path sistem agar perintah dart dapat dijalankan dari terminal atau command prompt.



Validasi instalasi dengan perintah `flutter -version` dan `flutter doctor`.

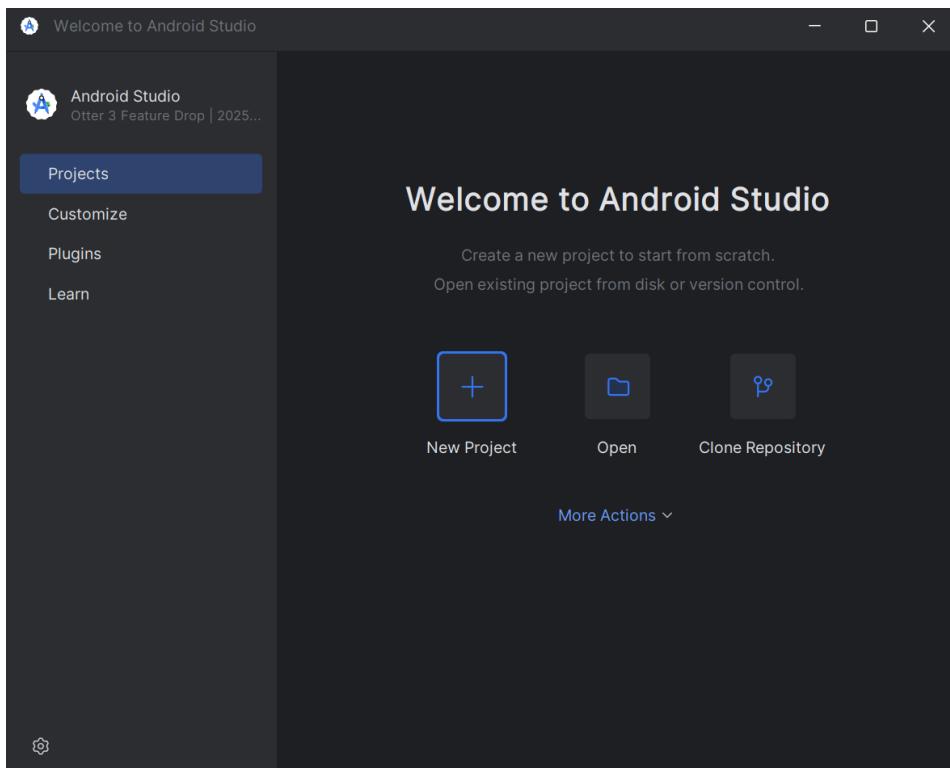
```
C:\Users\LENOVO>flutter --version
A new version of Flutter is available!
To update to the latest version, run "flutter upgrade".
Flutter 3.38.9 • channel stable • https://github.com/flutter/flutter.git
Framework • revision 67323de285 (3 weeks ago) • 2026-01-28 13:43:12 -0800
Engine • hash 5eb6b7ad5bb8cbc22c5230264c7a00ceac7674b (revision 587c18f873) (20 days ago) • 2026-01-27 23:23:03.000Z
Tools • Dart 3.10.8 • DevTools 2.51.1

C:\Users\LENOVO>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[!] Flutter (Channel stable, 3.38.9, on Microsoft Windows [Version 10.0.26200.7840], locale en-ID)
[!] Windows Version (11 Pro 64-bit, 25H2, 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
```

2. Install Android Studio dan komponen SDK



Tampilan awal android studio menandakan instalasi berhasil dan siap di pakai.



3. Praktik program “Hello World”

A screenshot of the Dart code editor in Android Studio. The code file is named "hello_world.dart" and contains the following code:

```
void main () {  
  print('Hello, World!');  
}
```

The code editor has tabs for "PROBLEMS", "OUTPUT", and "TERMINAL", with "TERMINAL" being the active tab. In the terminal, the output of the command "dart hello_world.dart" is shown:

```
PS C:\Users\LENOVO\Documents\SEMESTER 4\PEMROGRAMAN MOBILE\Week 1> dart hello_world.dart  
Hello, World!
```

Percobaan membuat program “Hello World” untuk memastikan semua komponen telah terpasang dengan benar.

4. Github

<https://github.com/CitraAyu0/PM-Week01.git>