

JOBSHEET PERTEMUAN 1
MATA KULIAH PEMROGRAMAN MOBILE
Dosen Pengampu : Ade Ismail, S.Kom., M.Ti

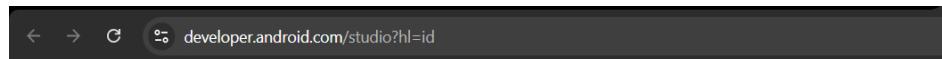


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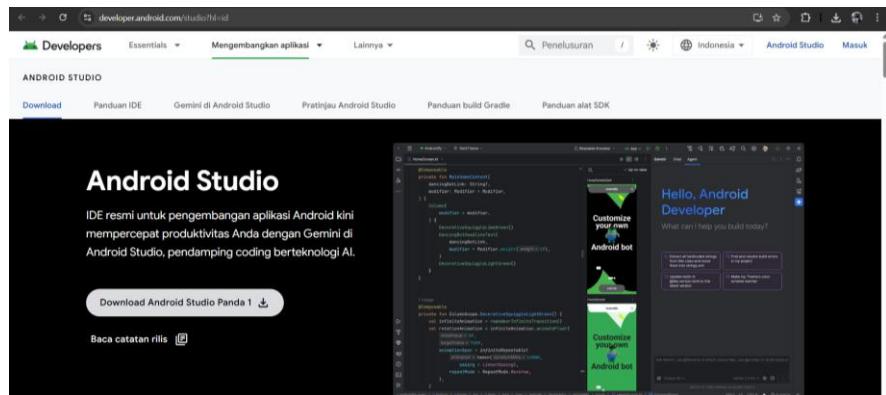
PROGRAM STUDI SISTEM INFORMASI BISNIS
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1. Install Android Studio dan Komponen SDK

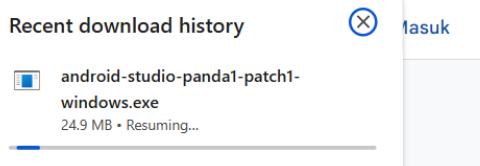
Buka website resmi Android Studio : <https://developer.android.com/studio>



Lalu klik “Download Android Studio” dan Centang persetujuan Terms & Conditions, setelah itu klik Download



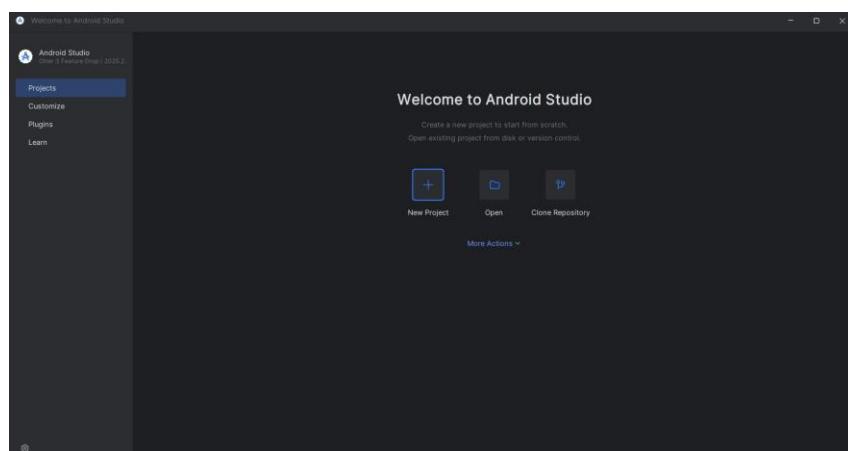
Tunggu proses download yang akan otomatis terunduh.



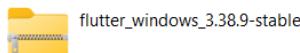
Buka folder Downloads, double klik file android-studio-xxxx.exe, klik Next dan tentukan lokasi install C:\Program Files\Android\Android Studio)



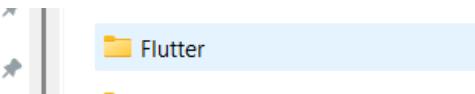
Klik Next lalu klik Install, tunggu sampai semua proses selesai, Selesai Install, klik Finish
Android Studio akan terbuka otomatis.



2. Install Flutter SDK



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



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

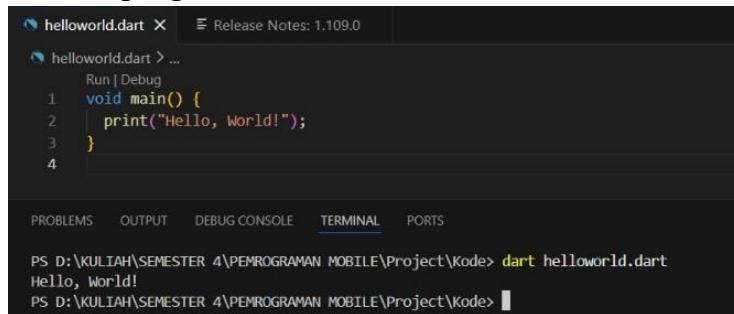
Validasi instalasi dengan perintah flutter --version dan flutter doctor.

```
C:\Users\sukma>flutter --version
Flutter 3.38.9 • channel stable, 3.38.9, on Microsoft Windows [Version 10.0.26100.7462], locale en-ID
Framework • revision 67323de285 (12 days ago) • 2026-01-28 13:43:12 -0800
Engine • hash b06b7ad5bb8cbc22c5230264c7a00ceac7674b (revision 587c18f873) (13 days ago) • 2026-01-27 23:23:03.000Z
Tools • Dart 3.10.8 • DevTools 2.51.1
```

```
C:\Users\sukma>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[!] Flutter (Channel stable, 3.38.9, on Microsoft Windows [Version 10.0.26100.7462], locale en-ID)
    [!] Windows Version (11 Home Single Language 64-bit, 24H2, 2009)
    [!] Android toolchain - develop for Android devices (Android SDK version 33.0.0)
        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
    X An HTTP error occurred while checking "https://pub.dev/". Connection closed before full header was received
    X A network error occurred while checking "https://storage.googleapis.com/": Failed host lookup: 'storage.googleapis.com'
    X A network error occurred while checking "https://maven.google.com/": Failed host lookup: 'maven.google.com'
    X A network error occurred while checking "https://cocoapods.org/": The semaphore timeout period has expired
    X A network error occurred while checking "https://github.com/": Failed host lookup: 'github.com'

! Doctor found issues in 3 categories.
```

3. Praktik program "Hello World"



Percobaan membuat program “Hello World” hal ini digunakan untuk memastikan komponen sudah terpasang semua dengan benar.