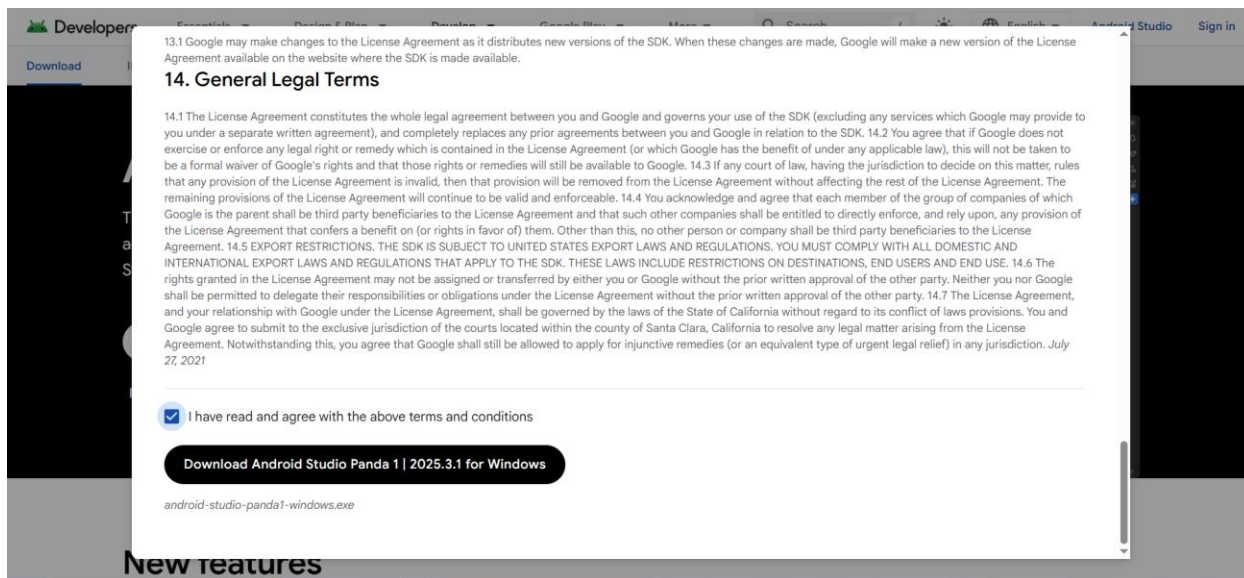
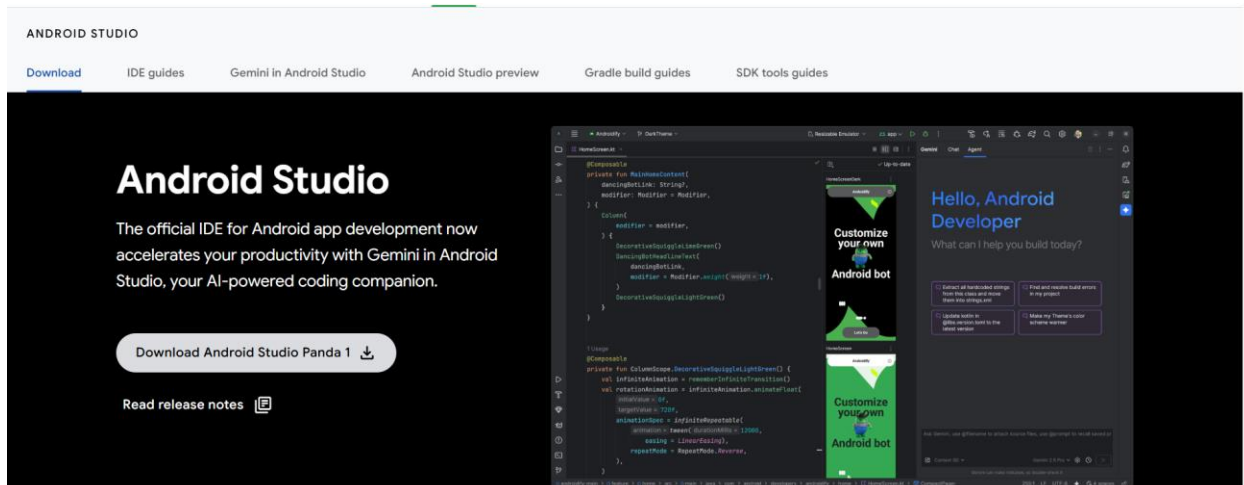




NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE

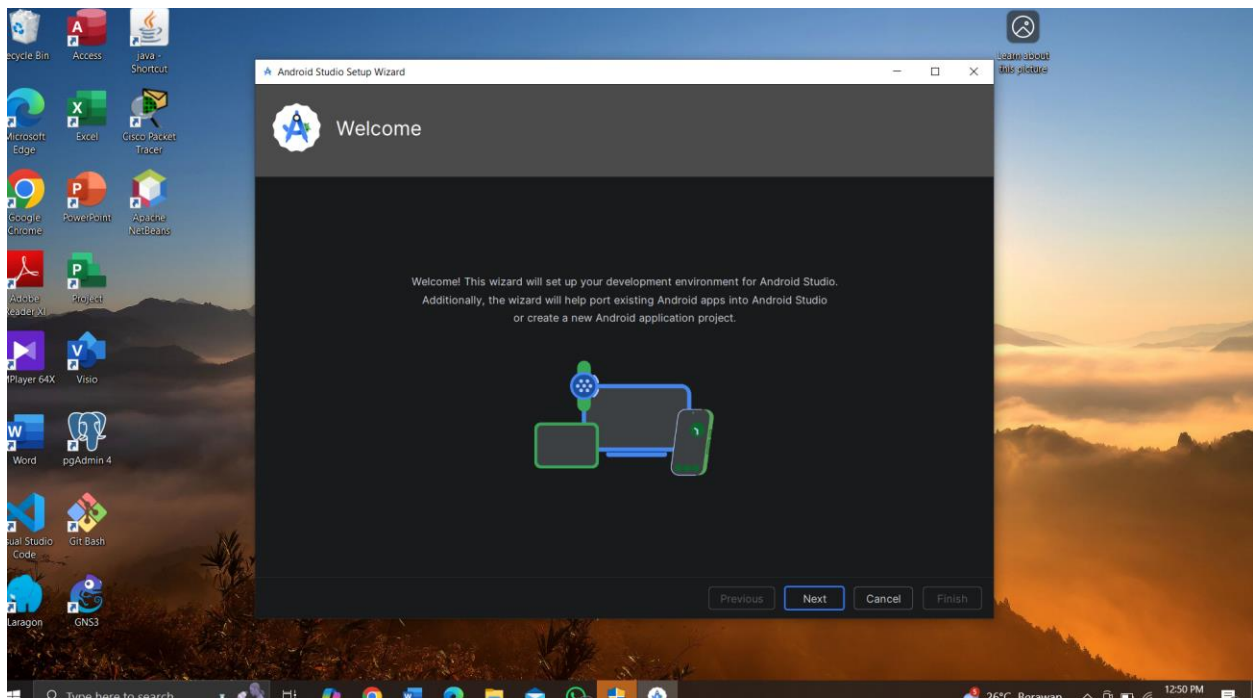
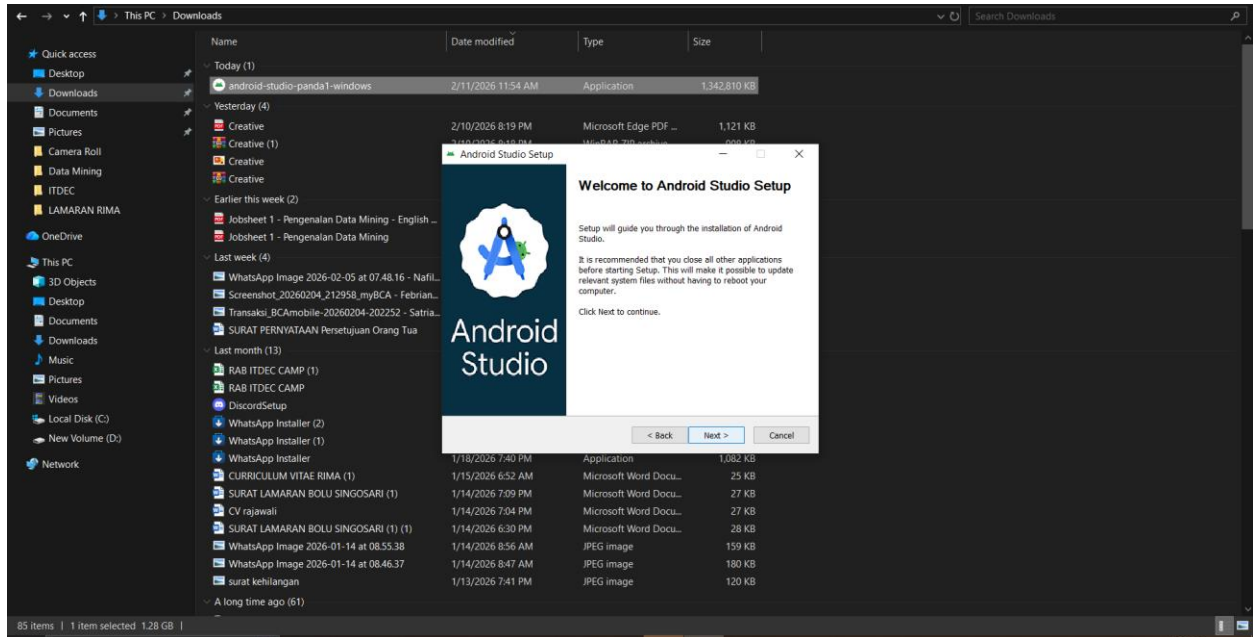
## MINGGU KE-1

### ➤ Download dan Instalasi Android Studio



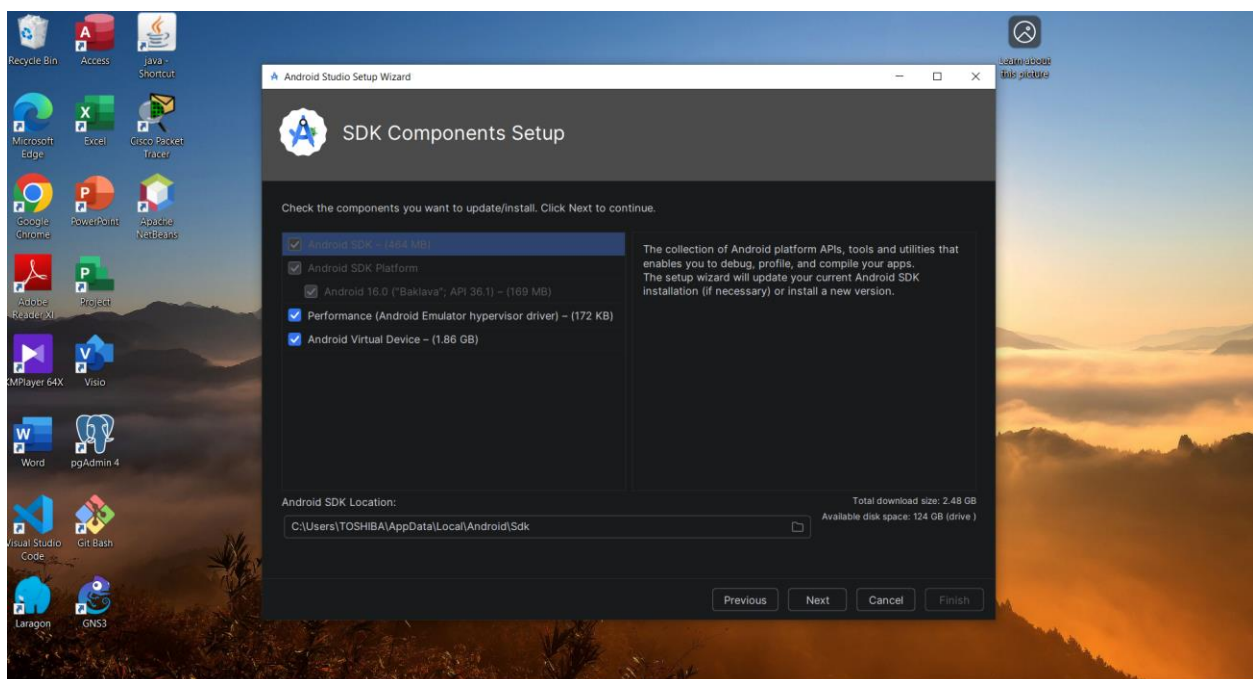
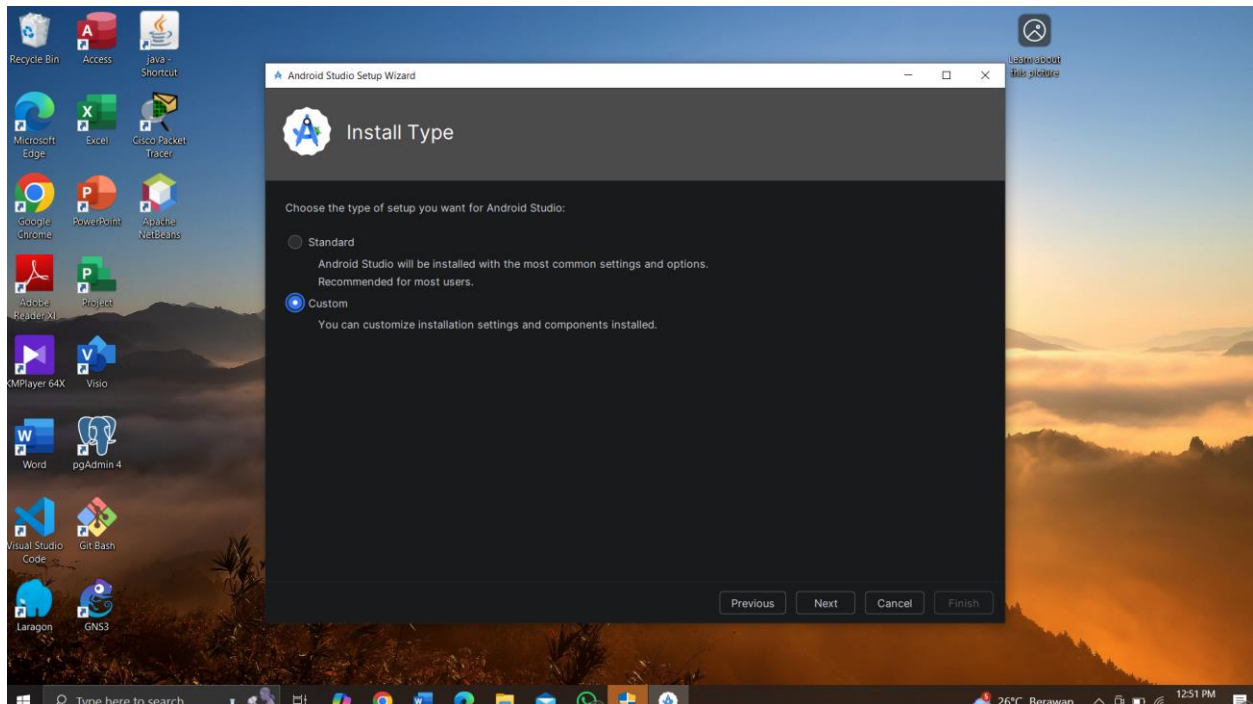


NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE





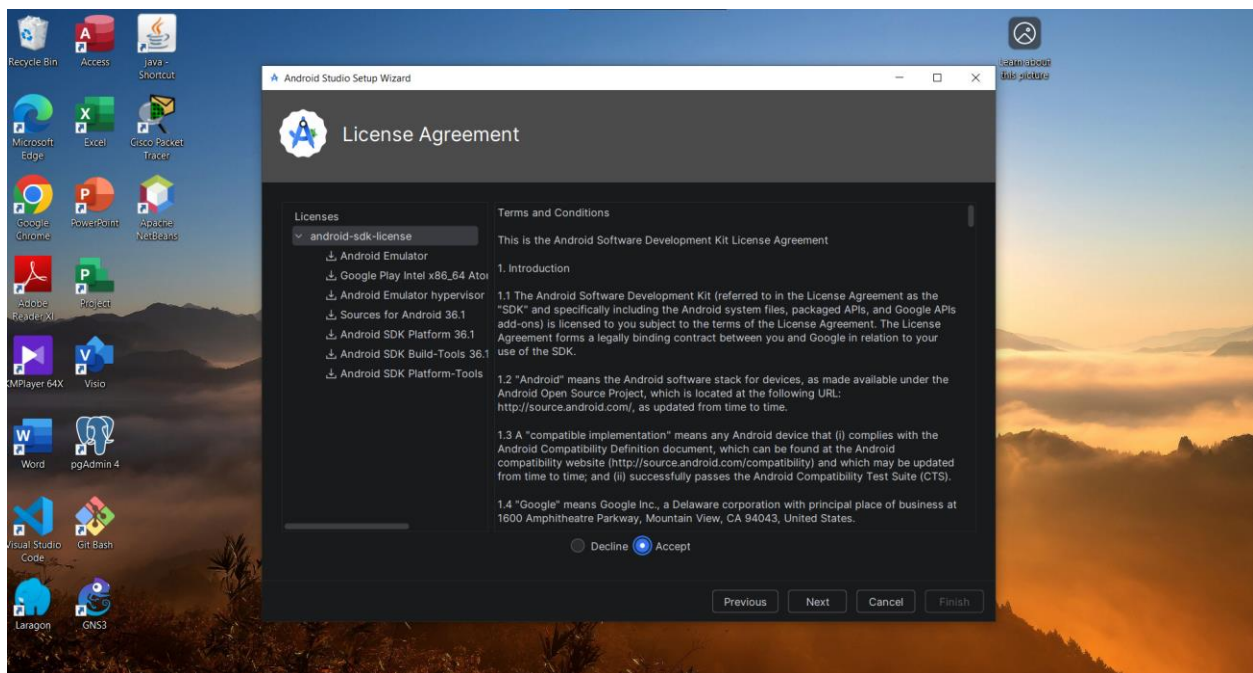
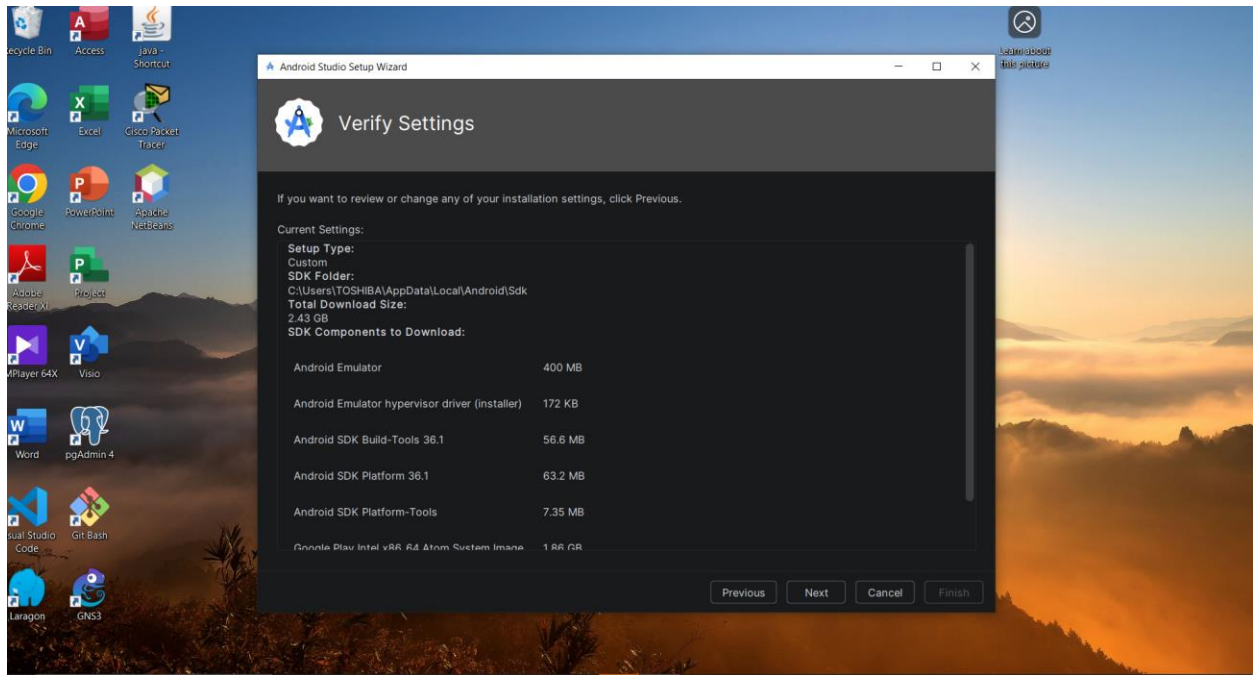
NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE





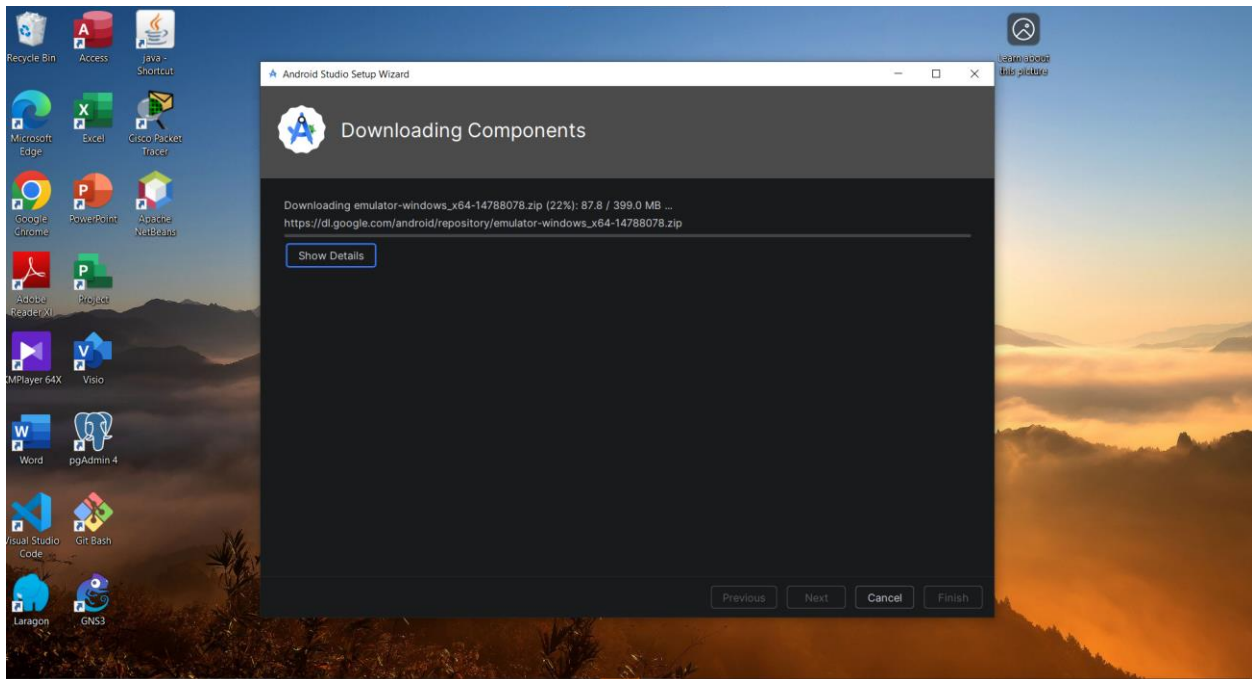
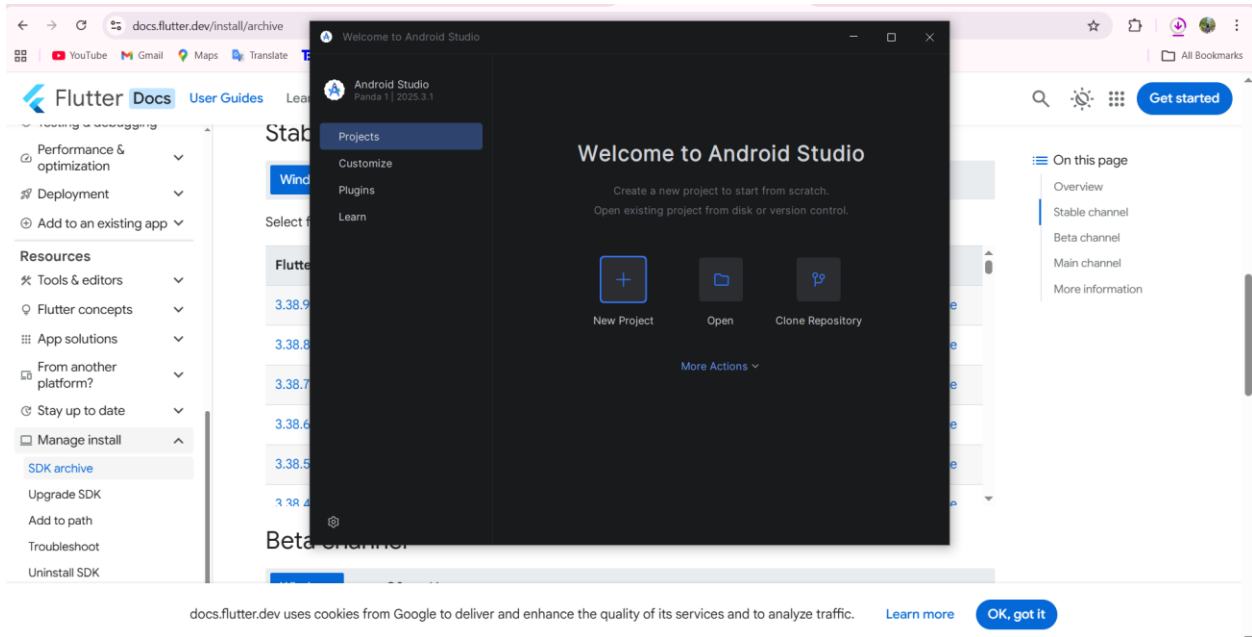


NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE





NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE





NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE

## ➤ Download dan Instalasi Flutter

Flutter Docs User Guides Learn Reference

Stable channel

Windows macOS Linux

Select from the following scrollable list:

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	66f4f93f	12/5/2025	3.10.3	Attestation bundle

Beta channel

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](#)

## Extract file Flutter yang di download

Extracting from flut...

Flutter\_windows\_3.38.9-stable.zip

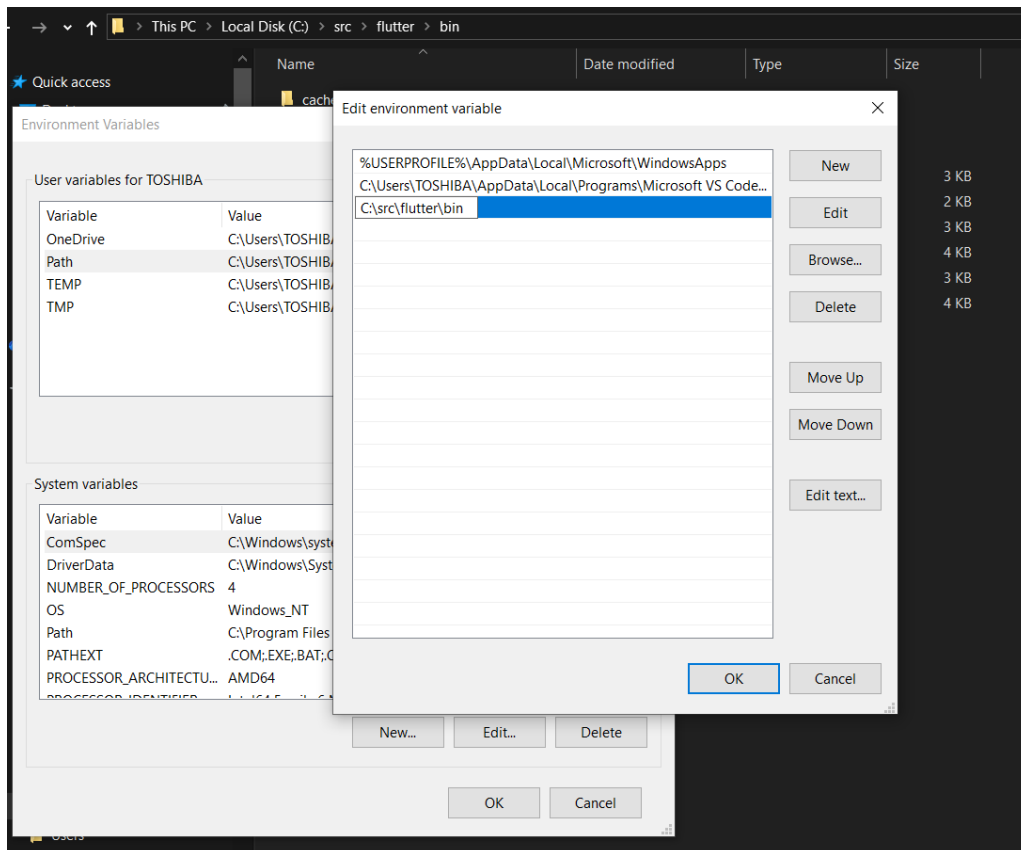
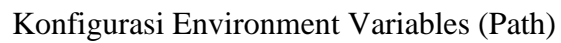
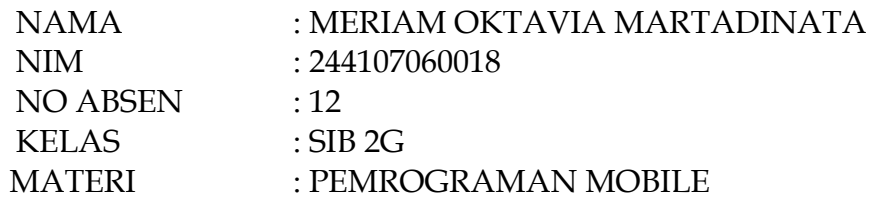
Flutter\_windows.dll.pdb

Elapsed time: 00:00:23

Time left: 00:00:08

Processed: 73%

Background Pause Cancel Mode... Help





NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE

```
ts) Command Prompt - cmd - flutter --version - flutter doctor - flutter doctor --android-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>md
The syntax of the command is incorrect.

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 5eb06b7ad5bb8cbc22c5230264c7a00ceac7674b (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
[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
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.
```

Command Prompt - cmd - flutter --version - flutter doctor  
Microsoft Windows [Version 10.0.19045.6466]  
) Microsoft Corporation. All rights reserved.  
  
C:\Users\TOSHIBA>md  
The syntax of the command is incorrect.  
  
C:\Users\TOSHIBA>cmd  
Microsoft Windows [Version 10.0.19045.6466]  
) 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 5eb06b7ad5bb8cbc22c5230264c7a00ceac7674b (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  
[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  
[✓] Connected device (3 available)  
[✓] Network resources  
  
! Doctor found issues in 2 categories.  
  
C:\Users\TOSHIBA>

Settings

Welcome to Android Studio

Appearance & Behavior

Keymap

Editor

Plugins

Build, Execution, Deployment

Customize

Android SDK

Kotlin

Tools

Backup and Sync

Advanced Settings

MCP Servers

Studio Labs

Languages & Frameworks

Android SDK

Revert changes

Manager for the Android SDK and Tools used by the IDE

Android SDK Location: C:\Users\TOSHIBA\AppData\Local\Android\Sdk

SDK Platforms

SDK Tools

SDK Update Sites

Below are the available SDK developer tools. Once installed, the IDE will automatically check for updates. Check "show package details" to display available versions of an SDK Tool.

Name	Version	Status
<input checked="" type="checkbox"/> Android SDK Build-Tools		Installed
<input type="checkbox"/> NDK (Side by side)		Not installed
<input checked="" type="checkbox"/> Android SDK Command-line Tools (latest)		Not installed
<input type="checkbox"/> CMake		Not installed
<input type="checkbox"/> Android Auto API Simulators	1	Not installed
<input type="checkbox"/> Android Auto Desktop Head Unit Emulator	2.0	Not installed
<input checked="" type="checkbox"/> Android Emulator	36.4.9	Installed
<input checked="" type="checkbox"/> Android Emulator hypervisor driver (installer)	2.2.0	Installed
<input checked="" type="checkbox"/> Android SDK Platform-Tools	36.0.2	Installed
<input type="checkbox"/> Android Support Repository	47.0.0	Not installed
<input type="checkbox"/> Google Play APK Expansion library	1	Not installed
<input type="checkbox"/> Google Play Instant Development SDK (Deprecated)	1.9.0	Not installed
<input type="checkbox"/> Google Play Licensing Library	1	Not installed
<input type="checkbox"/> Google Play services	49	Not installed
<input type="checkbox"/> Google Play Store	5.8	Not installed

☒ Hide Obsolete Packages ☐ Show Package Details

Project-level settings will be applied to new projects

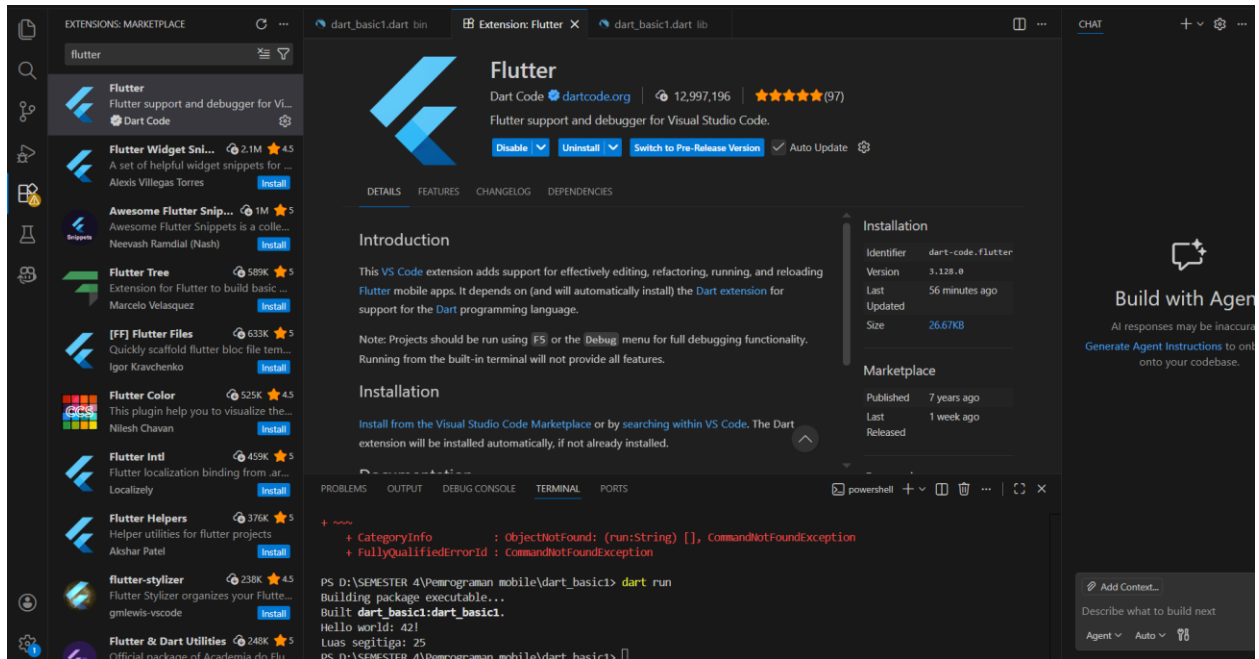
OK Cancel Apply



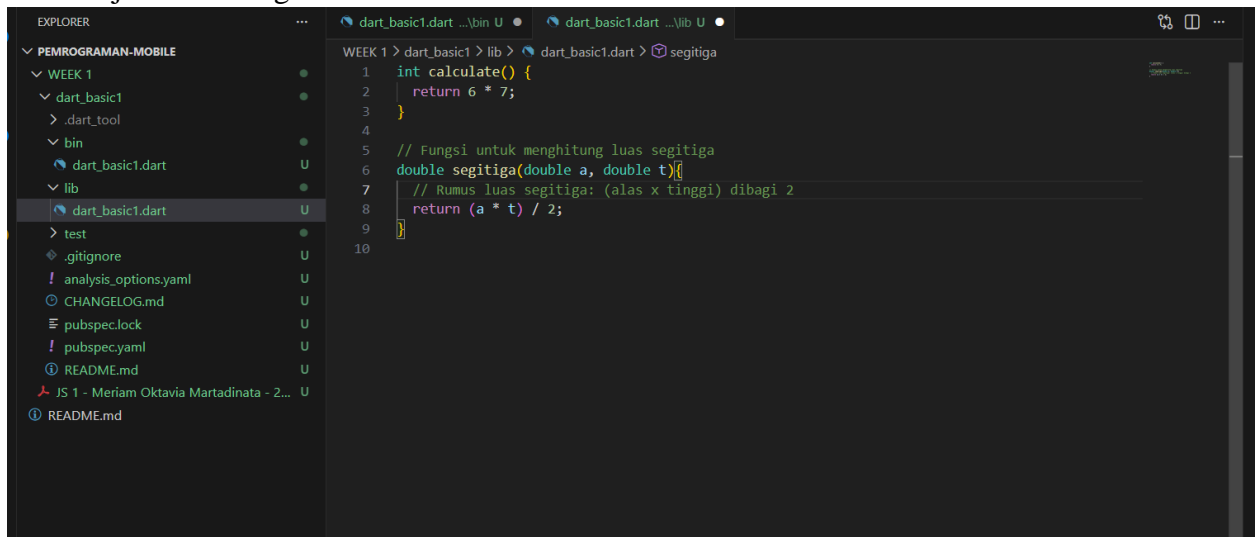


NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE

### ➤ Download Extension Flutter



### ➤ Menjalankan Program Hello World





NAMA : MERIAM OKTAVIA MARTADINATA  
NIM : 244107060018  
NO ABSEN : 12  
KELAS : SIB 2G  
MATERI : PEMROGRAMAN MOBILE

The screenshot shows an IDE with a file explorer on the left and a code editor on the right. The file explorer shows a project named 'PEMROGRAMAN-MOBILE' with a subdirectory 'WEEK 1' containing 'dart\_basic1'. The code editor shows the following Dart code:

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

## Output

The screenshot shows a terminal window with the following output:

```
PS D:\SEMESTER 4\Pemrograman mobile\Pemrograman-Mobile> dart run  
Found no `pubspec.yaml` file in `D:\SEMESTER 4\Pemrograman mobile\Pemrograman-Mobile` or parent directories  
PS D:\SEMESTER 4\Pemrograman mobile\Pemrograman-Mobile> cd "WEEK 1\dart_basic1"  
PS D:\SEMESTER 4\Pemrograman mobile\Pemrograman-Mobile\WEEK 1\dart_basic1> dart run  
Building package executable...  
Built dart_basic1:dart_basic1.  
Hello world: 42!  
Luas segitiga: 25  
PS D:\SEMESTER 4\Pemrograman mobile\Pemrograman-Mobile\WEEK 1\dart_basic1>
```