

**LAPORAN PRAKTIKUM**  
**MATA KULIAH PEMROGRAMAN MOBILE**



**Oleh :**

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1. Install environment untuk kode flutter yaitu: Android Studio, flutter dan dart pada VS Code, setup bisa dibilang siap ketika command flutter doctor hanya tinggal project vscode pada cmd

```
MINGW64~/c/Users/Pajar
Pajar@Pajar MINGW64 ~ (master)
$ flutter doctor -v

A new version of Flutter is available!
To update to the latest version, run "Flutter upgrade".

[✓] Flutter (Channel stable, 3.29.0, on Microsoft Windows [Version 10.0.22631.4751], loc
al en-ID) [98ms]
• Flutter version 3.29.0 on channel stable at C:\dev\flutter
• Source repository https://github.com/flutter/flutter.git
• Framework revision 35c88af55 (4 weeks ago), 2025-02-10 12:48:41 -0800
• Engine revision 7230f4522
• Dart version 3.7.0
• DevTools version 2.42.2

[✓] Windows Version (11 Home Single Language 64-bit, 23H2, 20H3) [2.6s]

[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.1) [3.4s]
• Android SDK at C:\Users\Pajar\AppData\Local\Android\Sdk
• Platform android-35, build-tools 35.0.1
• ANDROID_HOME = C:\Users\Pajar\AppData\Local\Android\Sdk
• Java binary at: C:\Program Files\Android\Android Studio\jbr\bin\java
This is the SDK bundled with the latest Android Studio installation on this machine.
To manually set the SDK path, use: "flutter config --jdk-dir='path/to/jdk'".
• Java version OpenJDK Runtime Environment (build 21.0.5-12912927-b750.29)
• All Android licenses accepted.

[✓] Chrome - develop for the web [34ms]
• Chrome at C:\Program Files\Google\Chrome\Application\chrome.exe

[✓] Visual Studio - develop Windows apps [13ms]
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 d
efault components.

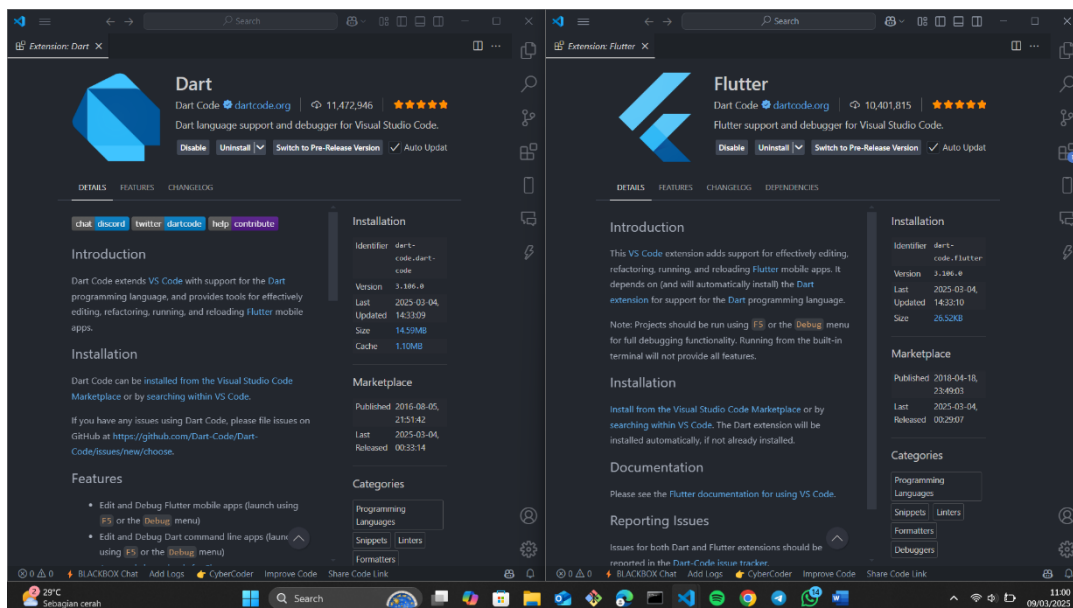
[✓] Android Studio (version 2024.2) [24ms]
• Android Studio at C:\Program Files\Android\Android Studio
• Flutter plugin can be installed from:
https://plugins.jetbrains.com/plugin/9212-flutter
• Dart plugin can be installed from:
https://plugins.jetbrains.com/plugin/6251-dart
• Java version OpenJDK Runtime Environment (build 21.0.5-12912927-b750.29)

[✓] VS Code (version 1.98.0) [24ms]
• VS Code at C:\Users\Pajar\AppData\Local\Programs\Microsoft VS Code
• Flutter extension version 3.106.0

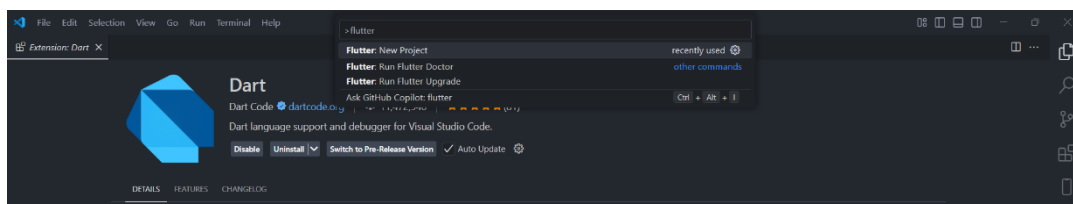
[✓] Connected device (3 available) [297ms]
• Windows (desktop) • windows • windows-x64 • Microsoft Windows [Version 10.0.226
21.4751]
• Chrome (web) • chrome • web-javascript • Google Chrome 133.0.6943.142
• Edge (web) • edge • web-javascript • Microsoft Edge 133.0.3098.92

[✓] Network resources [41ms]
• All expected network resources are available.

Sector found issues in 1 category.
Pajar@Pajar MINGW64 ~ (master)
$
```



2. Untuk memulai project buka vscode dan Buat project flutter baru dengan cara View – Command Pallete – Flutter:New Project - Application – arahkan ke folder tempat aplikasi akan disimpan – select a folder to create the project in – beri nama file – tekan enter



3. Untuk memulai kode seperti praktikum, pada file main.dart diubah kode jadi seperti dibawah

```
1 import 'package:flutter/material.dart';
2
3 void main(List<String> args) {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   const MyApp({super.key});
9
10  @override
11  Widget build(BuildContext context) {
12    return MaterialApp(home: MyHomePage());
13  }
14 }
15
16 class MyHomePage extends StatefulWidget {
17   const MyHomePage({super.key});
18
19   @override
20   State<MyHomePage> createState() => _MyHomePageState();
21 }
22
23 class _MyHomePageState extends State<MyHomePage> {
24   TextEditingController PesanController = TextEditingController();
25   @override
26   Widget build(BuildContext context) {
27     return Scaffold(
28       appBar: AppBar(title: Text("Latihan Pertama")),
29       body: Center(
30         child: Column(
31           mainAxisAlignment: MainAxisAlignment.center,
32           children: [
33             Text("Fajar Ramadhan"),
34             TextField(controller: PesanController),
35             ElevatedButton(
36               onPressed: () {
37                 ScaffoldMessenger.of(
38                   context,
39                 ).showSnackBar(SnackBar(content: Text(PesanController.text)));
40               },
41               child: Text("Button"),
42             ),
43           ],
44         ),
45       ),
46     );
47   }
48 }
49
```

4. Dan hasilnya seperti ini

