

**PEMROGRAMAN MOBILE**  
**“Instalasi Android Studio (Flutter)”**



Di susun oleh :  
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**PROGRAM STUDI D-IV TEKNIK INFORMATIKA**  
**JURUSAN TEKNOLOGI INFORMASI**  
**POLITEKNIK NEGERI MALANG**

## INSTALASI ANDROID STUDIO DAN FLUTTER

Berikut hasil running command “flutter doctor” pada cmd

```
C:\Windows\system32\cmd.e  X  +  v

Microsoft Windows [Version 10.0.22621.2215]
(c) Microsoft Corporation. All rights reserved.

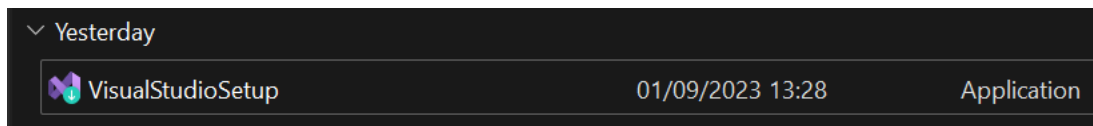
C:\Users\ANDIKA>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.13.1, on Microsoft Windows [Version 10.0.22621.2215], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
[✓] Chrome - develop for the web
[!] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.7.3)
    X The current Visual Studio installation is incomplete. Please reinstall Visual Studio.
[✓] Android Studio (version 2022.3)
[✓] VS Code (version 1.81.1)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 1 category.

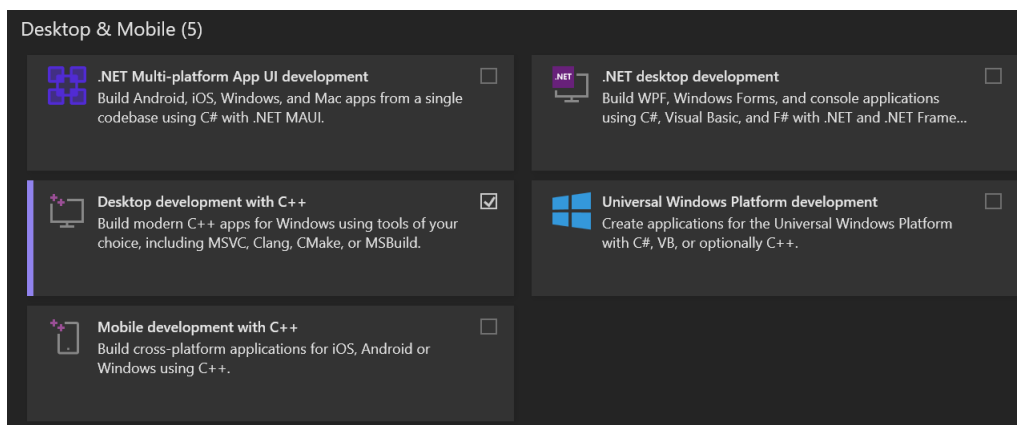
C:\Users\ANDIKA>
```

Terdapat sebuah peringatan yakni instalasi visual studio belum selesai, maka dibawah ini saya melakukan penyelesaian dari masalah tersebut:

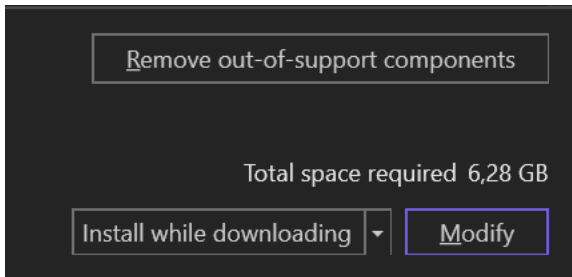
1. Buka visual studio installer



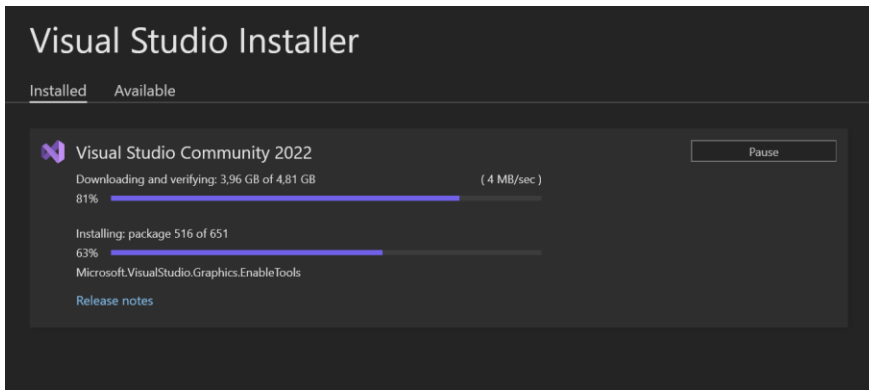
2. Pilih modify
3. Pilih bagian desktop and mobile lalu klik centang pada desktop development with C++



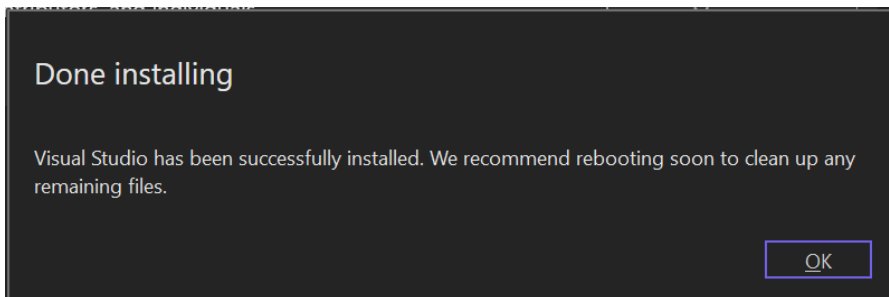
4. Lalu selanjutnya klik modify untuk instalasi



5. Tunggu proses download sampai selesai



6. Proses download telah selesai



7. Hasil running command “flutter doctor” pada cmd

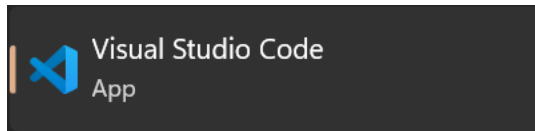
Error telah terselesaikan

```
C:\Users\ANDIKA>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.13.1, on Microsoft Windows [Version 10.0.22621.2215], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.7.3)
[✓] Android Studio (version 2022.3)
[✓] VS Code (version 1.81.1)
[✓] Connected device (3 available)
[✓] Network resources

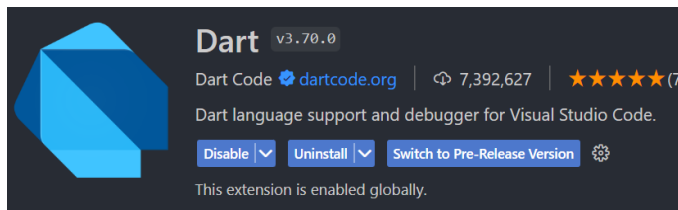
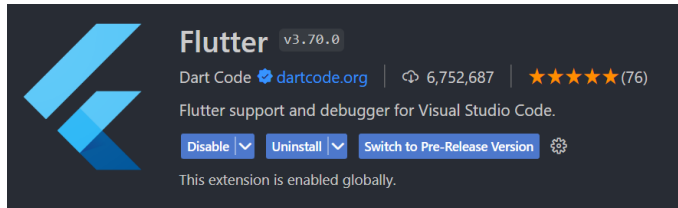
• No issues found!
```

## MENCOBA MEMBUAT PROJECT FLUTTER MENGGUNAKAN VSCODE

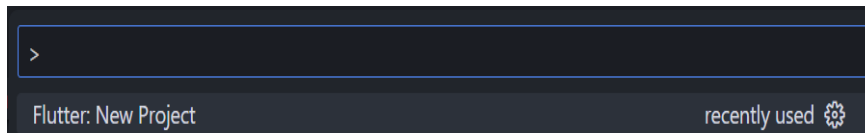
1. Langkah pertama buka visual studio code (vscode)



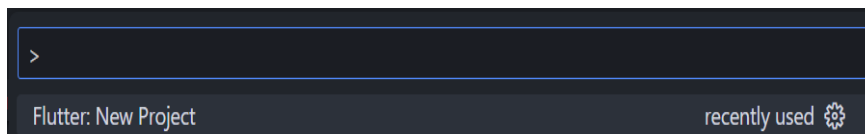
2. Perlu penambahan extension pada vscode yaitu flutter and dart



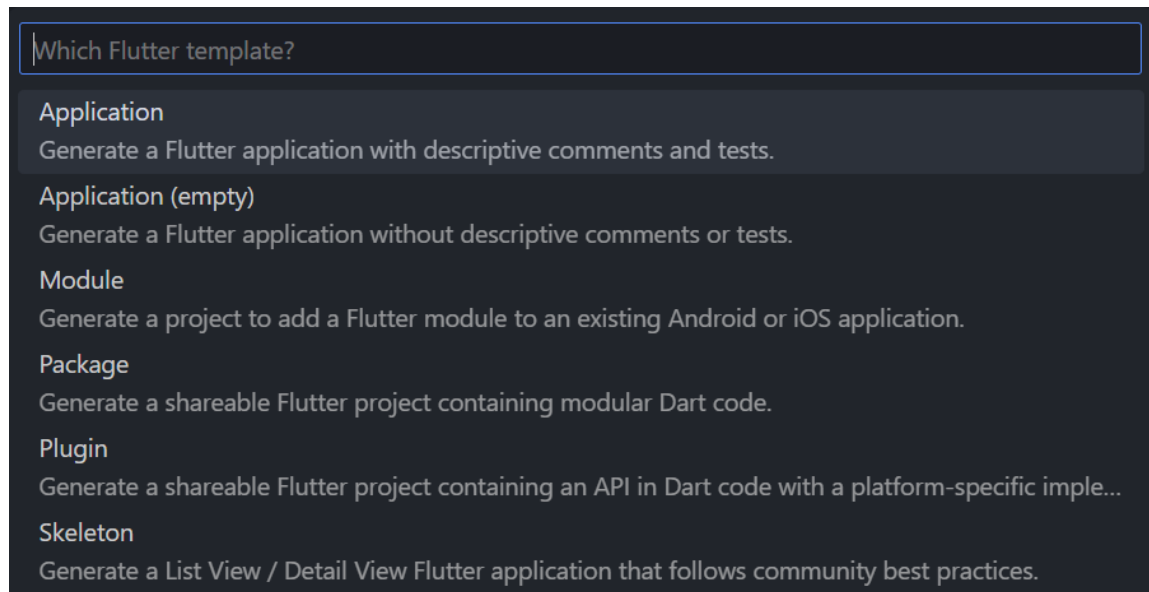
3. Tekan ctrl+shift+P



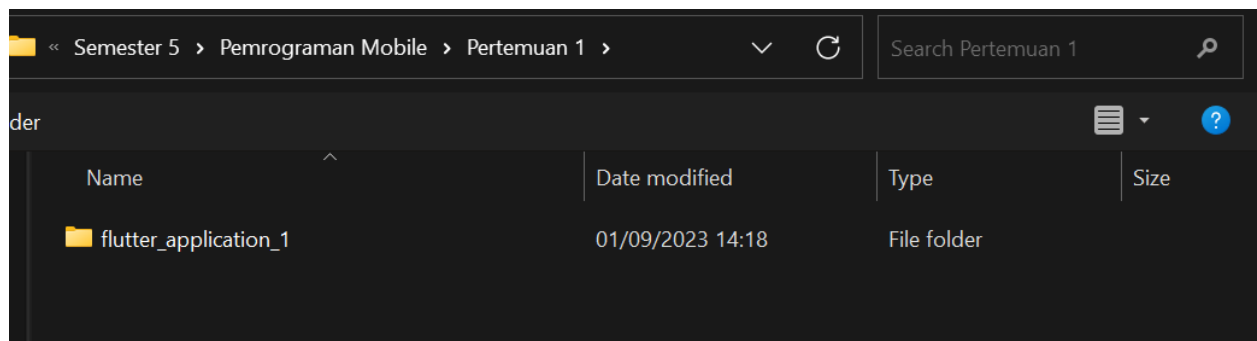
4. Lalu ketik new project flutter



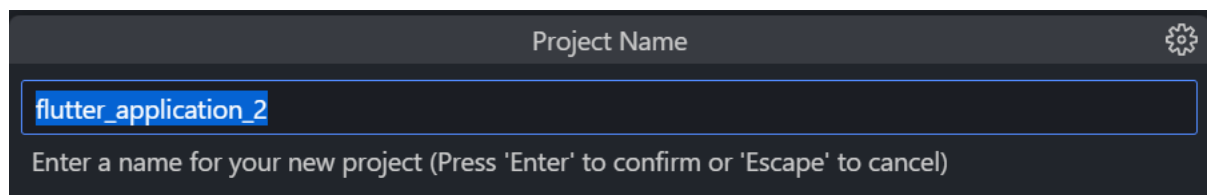
## 5. Pilih Application



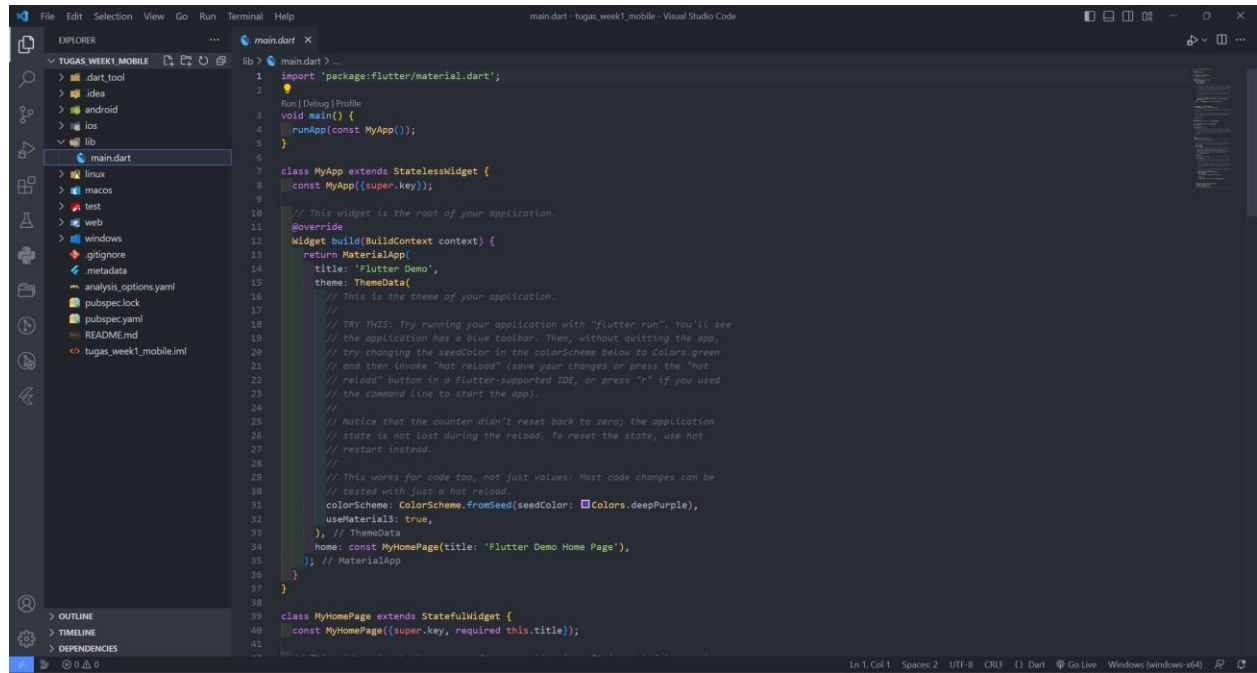
## 6. Lalu arahkan project yang akan disimpan



## 7. Lalu tambahkan nama project



## 8. Project berhasil dibuat



```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(const MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   const MyApp({super.key});
9
10  // This widget is the root of your application.
11  @override
12  Widget build(BuildContext context) {
13    return MaterialApp(
14      title: 'Flutter Demo',
15      theme: ThemeData(
16        // This is the theme of your application.
17        // TRY THIS: Try running your application with "flutter run". You'll see
18        // the application has a blue toolbar. Then, without quitting the app,
19        // try changing the seedColor in the colorScheme below to Colors.green
20        // and then invoke "hot reload" (save your changes or press the "hot
21        // reload" button in a Flutter-supported IDE, or press "r" if you used
22        // the command line to start the app).
23        // Notice that the counter didn't reset back to zero; the application
24        // state is not lost during the reload. To reset the state, use hot
25        // restart instead.
26        // This works for code too, not just values: Most code changes can be
27        // tested with just a hot reload.
28        colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),
29        useMaterial3: true,
30      ), // ThemeData
31      home: const MyHomePage(title: 'Flutter Demo Home Page'),
32    ); // MaterialApp
33  }
34
35  class MyHomePage extends StatefulWidget {
36    const MyHomePage({super.key, required this.title});
37  }
```

## 9. Running Program dan modifikasi

