

PRAKTIKUM MOBILE PROGRAMING 2
“INSTALL FLUTTER”



Disusun Oleh :
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FAKULTAS KEGURUAN DAN ILMU PENDIDIKAN
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2024

1. Install flutter di website
https://www.google.com/url?q=https://docs.flutter.dev/get-started/install&sa=D&source=editors&ust=1725854003964061&usg=AOvVaw2gnBW9R_uUR2Mr9g0in4Jh
2. Selanjutnya file tersebut ekstrak kedalam folder
3. Install flutter memerlukan environment variable lalu tambahkan kedalam environment variable window.
4. Download JDK dengan link
<https://www.google.com/url?q=https://www.oracle.com/id/java/technologies/downloads/&sa=D&source=editors&ust=1725854003977505&usg=AOvVaw0YZNxUSih75hhbxIA-7C89>
5. Selanjutnya ekstrak file kedalam folder
6. Kemudian cek flutter di cmd

```

Command Prompt - flutter d x + v
Microsoft Windows [Version 10.0.22621.3737]
(c) Microsoft Corporation. All rights reserved.

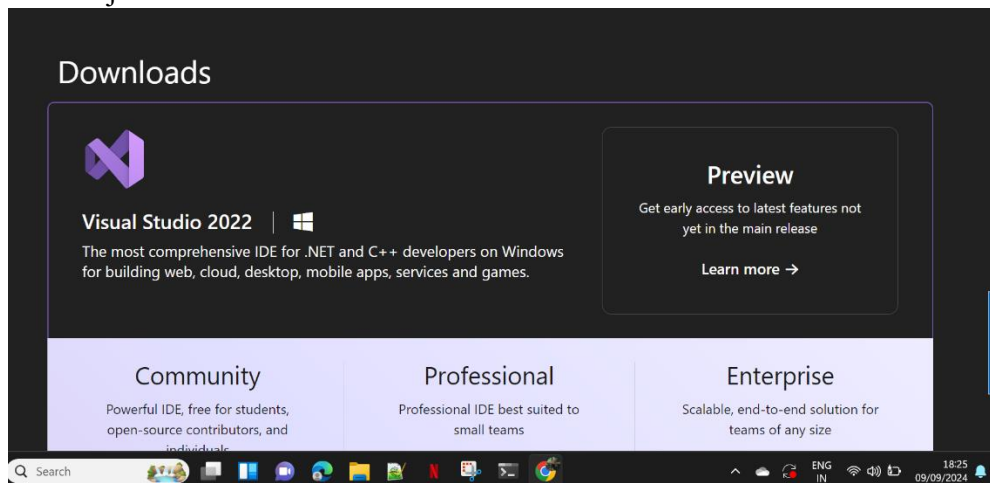
C:\Users\anand>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.2, on Microsoft Windows [Version 10.0.22621.3737], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✗] Android toolchain - develop for Android devices
    ✗ Unable to locate Android SDK.
      Install Android Studio from: https://developer.android.com/studio/index.html
      On first launch it will assist you in installing the Android SDK components.
      (or visit https://flutter.dev/to/windows-android-setup for detailed instructions).
      If the Android SDK has been installed to a custom location, please use
      'flutter config --android-sdk' to update to that location.
[✓] Chrome - develop for the web
[✗] Visual Studio - develop Windows apps
    ✗ 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
[!] Android Studio (not installed)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 3 categories.

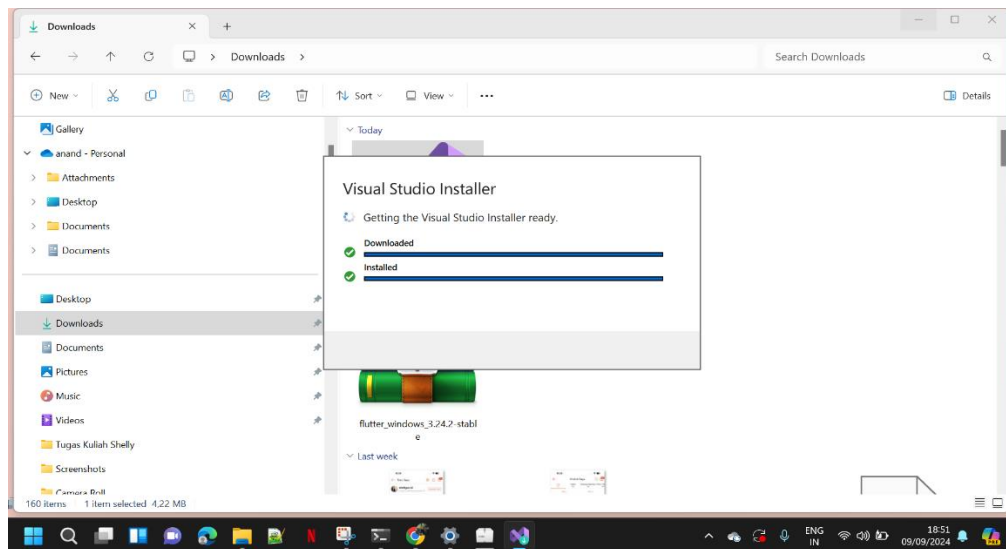
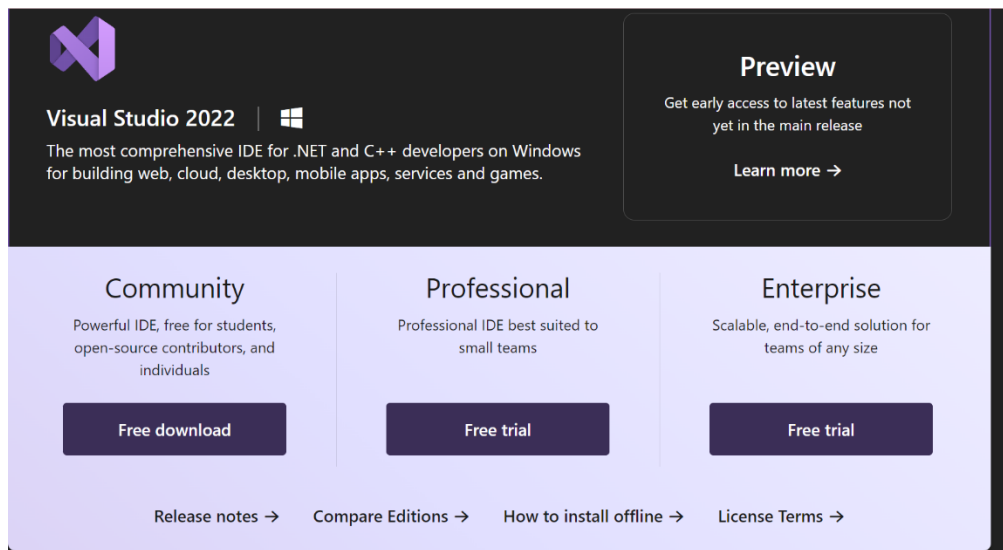
C:\Users\anand>

```

7. Next lanjut install Visual studio

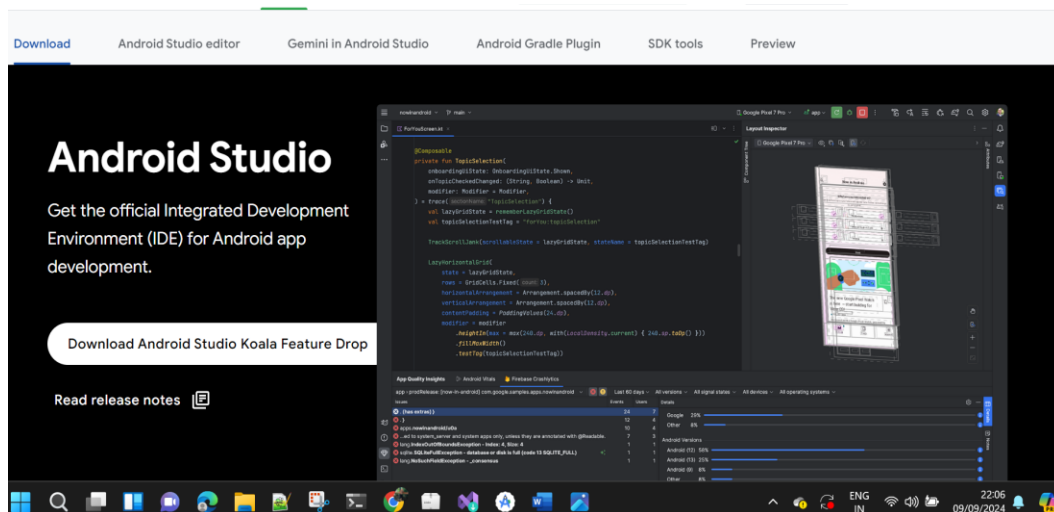


Klik yang free download community

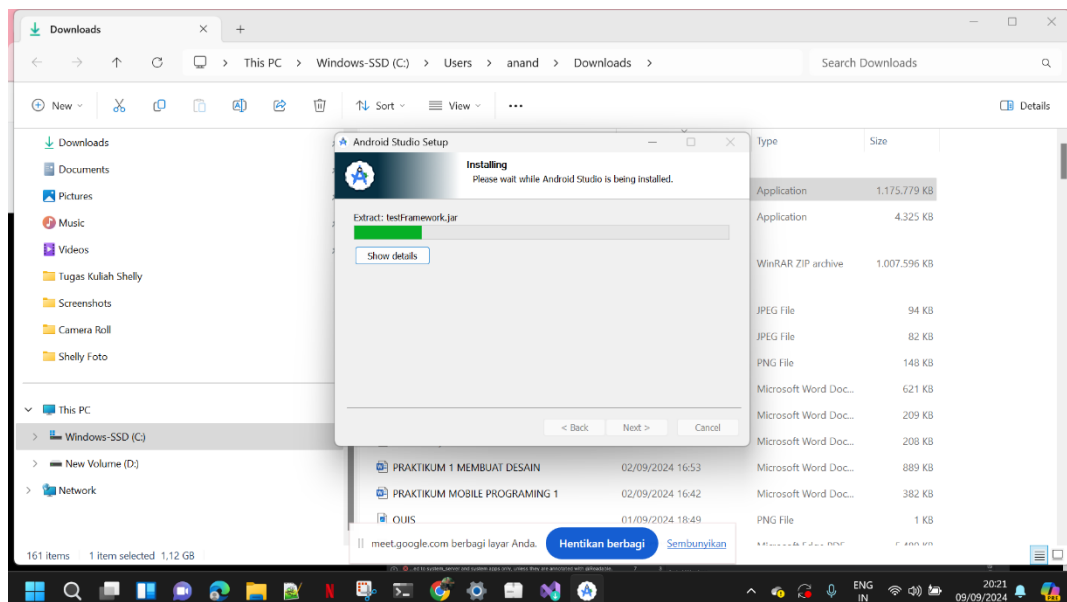


Setelah install selesai pilih Desktop development with c++ lalu klik install tunggu sampai selesai

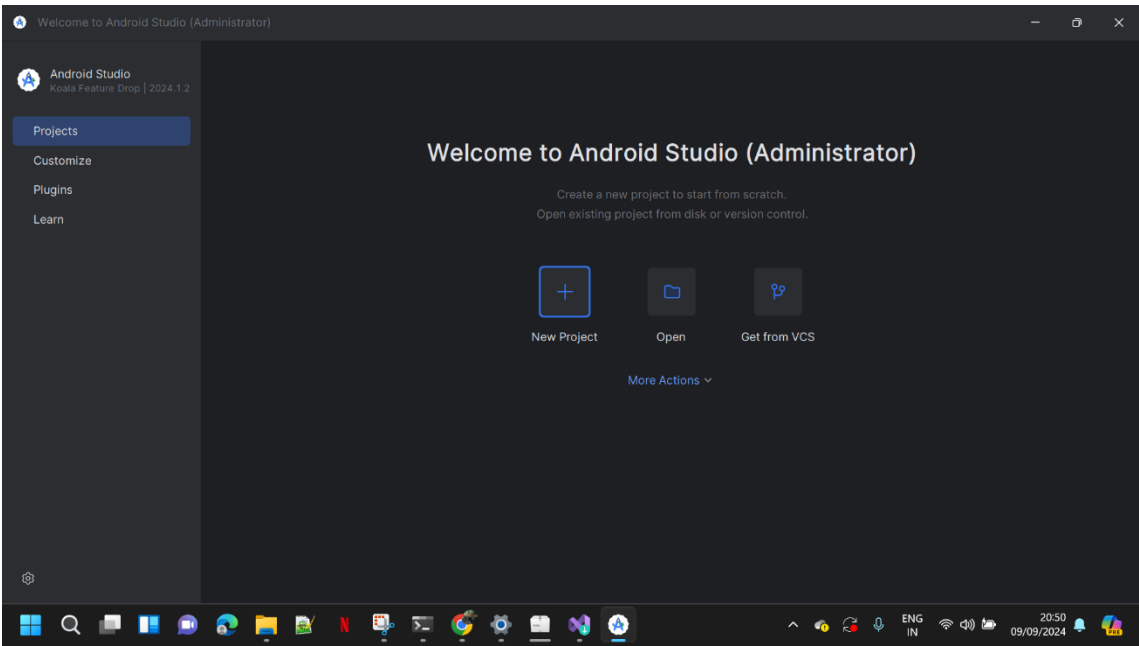
8. Selanjutnya download SDK Android Studio dengan link :
<https://developer.android.com/studio>



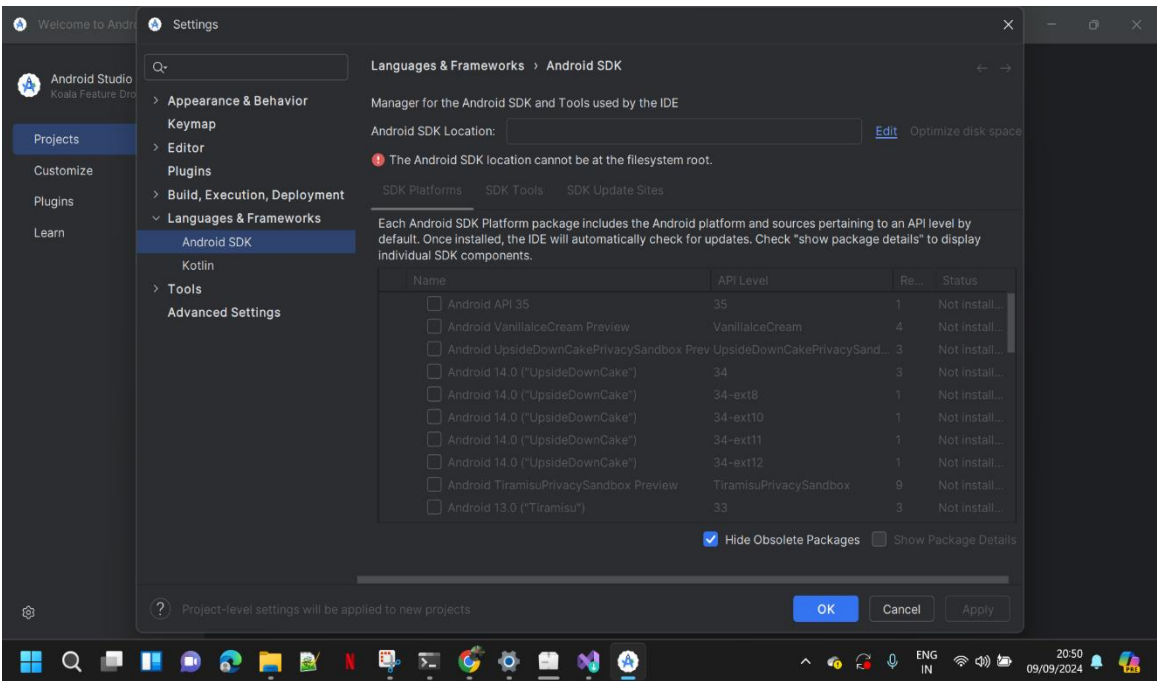
9. Klik Download Android Studio



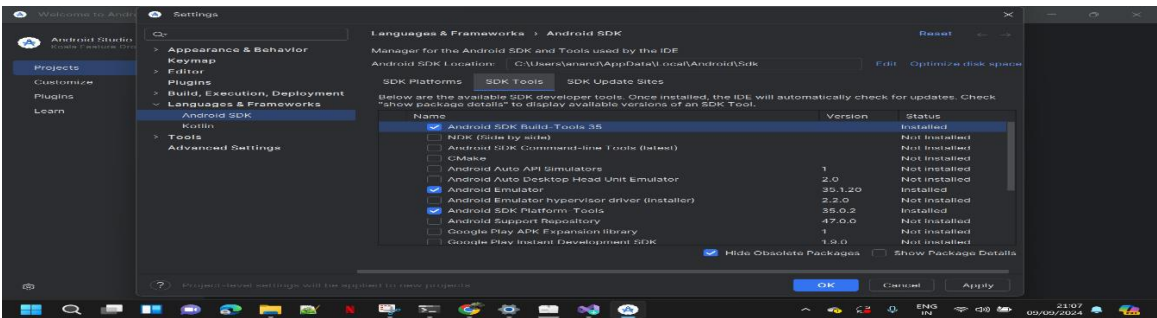
10. 1Klik new project

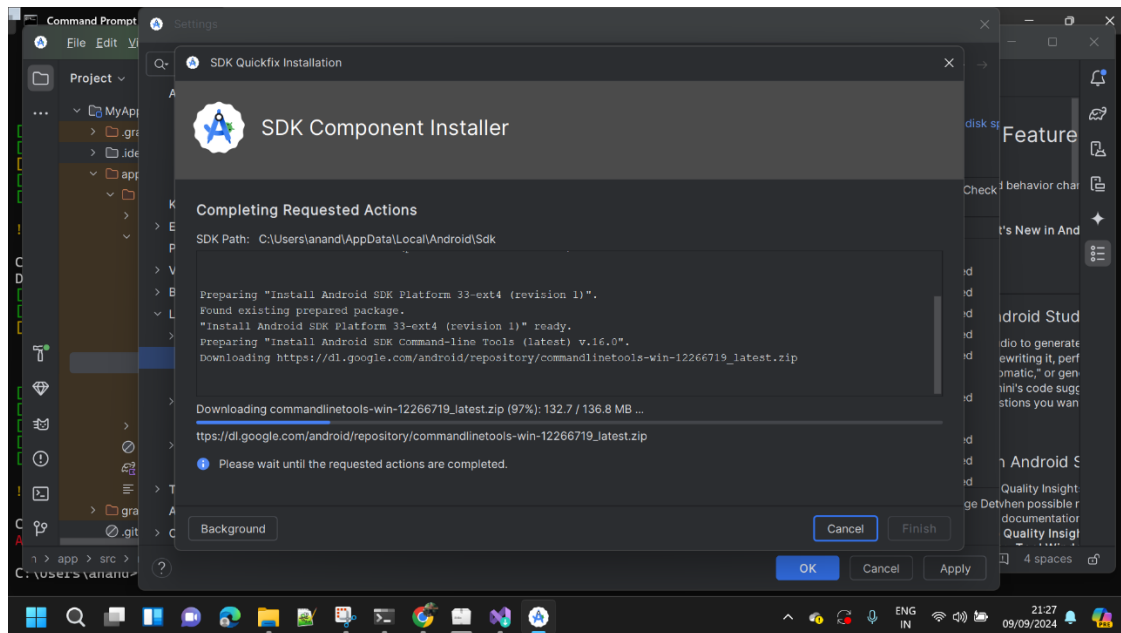


11. Klik edit



12. 1Pilih Android 13(“tiramisu”) lalu klik SDK Tools pilih Android SDK





13. Kemudian Cek kelengkapan flutter di Cmd

```

C:\Users\anand>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.2, on Microsoft Windows [Version 10.0.22621.3737], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[X] Android toolchain - develop for Android devices
    X Unable to locate Android SDK.
      Install Android Studio from: https://developer.android.com/studio/index.html
      On first launch it will assist you in installing the Android SDK components.
      (or visit https://flutter.dev/to/windows-android-setup for detailed instructions).
      If the Android SDK has been installed to a custom location, please use
      'flutter config --android-sdk' to update to that location.

[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.11.2)
[!] Android Studio (not installed)
[✓] Connected device (3 available)
[✓] Network resources

! Doctor found issues in 2 categories.

C:\Users\anand>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.2, on Microsoft Windows [Version 10.0.22621.3737], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[!] Android toolchain - develop for Android devices (Android SDK version 35.0.0)
    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 (Visual Studio Community 2022 17.11.2)
[✓] Android Studio (version 2024.1)
[✓] Connected device (3 available)

```

Sedikit ada problem dikarenakan penyimpanan penuh dan mengharuskan mendownload ulang SDK .

14. Selanjutnya Dicek Kembali di Cmd

15. Tampilan setelah dicek Kembali

```
Command Prompt - flutter d x + v

! Doctor found issues in 1 category.

C:\Users\anand>flutter doctor --android-licenses
Android sdkmanager not found. Update to the Latest Android SDK and ensure that the cmdline-tools are installed to resolve this.

C:\Users\anand>flutter doctor --android-licenses
[=====] 100% Computing updates...
6 of 7 SDK package licenses not accepted.
Review licenses that have not been accepted (y/N)? y

1/6: License android-googletv-license:
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Terms and Conditions

This is the Google TV Add-on for the Android Software Development Kit License Agreement.

1. Introduction

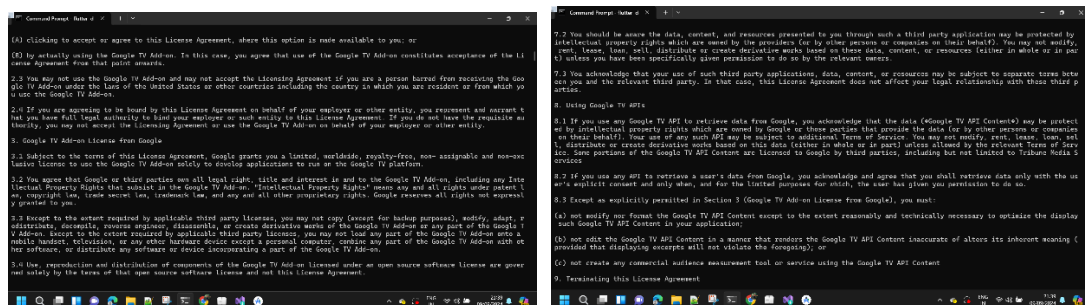
1.1 The Google TV Add-on for the Android Software Development Kit (referred to in this License Agreement as the "Google TV Add-on" and specifically including the Android system files, packaged APIs, and Google APIs add-ons) is licensed to you subject to the terms of this License Agreement. This License Agreement forms a legally binding contract between you and Google in relation to your use of the Google TV Add-on.

1.2 "Google" means Google Inc., a Delaware corporation with principal place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, United States.

2. Accepting this License Agreement

2.1 In order to use the Google TV Add-on, you must first agree to this License Agreement. You may not use the Google TV Add-on if you do not accept this License Agreement.

2.2 You can accept this License Agreement by:
```



```
Command Prompt - flutter d x + v

11. LIMITATION OF LIABILITY

11.1 YOU EXPRESSLY UNDERSTAND AND AGREE THAT GOOGLE, ITS SUBSIDIARIES AND AFFILIATES, AND ITS LICENSORS SHALL NOT BE LIABLE TO YOU UNDER ANY THEORY OF LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL CONSEQUENTIAL OR EXEMPLARY DAMAGES THAT MAY BE INCURRED BY YOU, INCLUDING ANY LOSS OF DATA, WHETHER OR NOT GOOGLE OR ITS REPRESENTATIVES HAVE BEEN ADVISED OF OR SHOULD HAVE BEEN AWARE OF THE POSSIBILITY OF ANY SUCH LOSSES ARISING.

12. Indemnification

12.1 To the maximum extent permitted by law, you agree to defend, indemnify and hold harmless Google, its affiliates and their respective directors, officers, employees and agents from and against any and all claims, actions, suits or proceedings, as well as any and all losses, liabilities, damages, costs and expenses (including reasonable attorneys fees) arising out of or accruing from (a) your use of the Google TV Add-on, (b) any application you develop on the Google TV Add-on that infringes any copyright, trademark, trade secret, trade dress, patent or other intellectual property right of any person or defames any person or violates their rights of publicity or privacy, and (c) any non-compliance by you with this License Agreement.

13. Changes to the License Agreement

13.1 Google may make changes to the License Agreement as it distributes new versions of the Google TV Add-on.

14. General Legal Terms

14.1 This License Agreement constitute the whole legal agreement between you and Google and govern your use of the Google TV Add-on (excluding any services which Google may provide to you under a separate written agreement), and completely replace any prior agreements between you and Google in relation to the Google TV Add-on.

14.2 You agree that if Google does not exercise or enforce any legal right or remedy which is contained in this License Agreement (or which Google has the benefit of under any applicable law), this will not be taken to be a formal waiver of Google's rights and that those rights or remedies will still be available to Google.

14.3 If any court of law, having the jurisdiction to decide on this matter, rules that any provision of this License Agreement is invalid, then that provision will be removed from this License Agreement without affecting the rest of this License Agreement. The remainder of this License Agreement shall remain in full force and effect.
```

16. Setelah problem terselesaikan hasilnya sudah benar dan berhasil.

```
Accept? (y/N): y
All SDK package licenses accepted

C:\Users\anand>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.24.2, on Microsoft Windows [Version 10.0.22621.3737], locale en-ID)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 35.0.0)
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.11.2)
[✓] Android Studio (version 2024.1)
[✓] Connected device (3 available)
[✓] Network resources

• No issues found!
```