

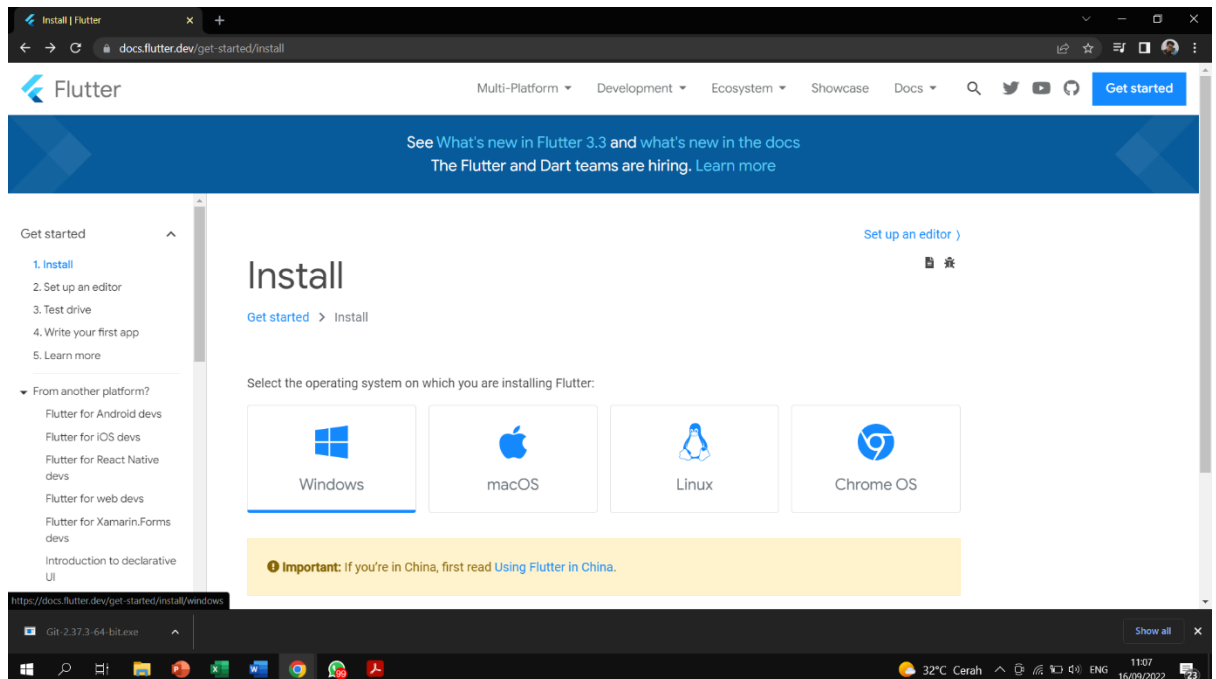
Nama : Rendi Pratama Juniar

NIM : 191011450274

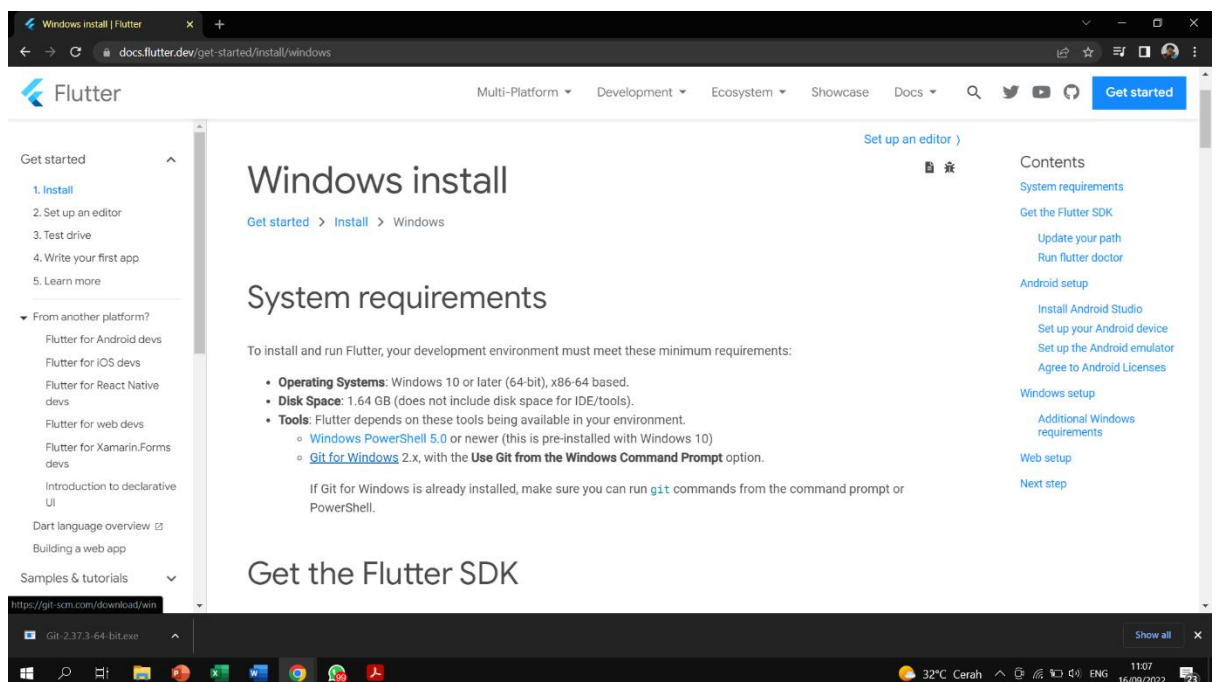
Kelas : 06TPLM001

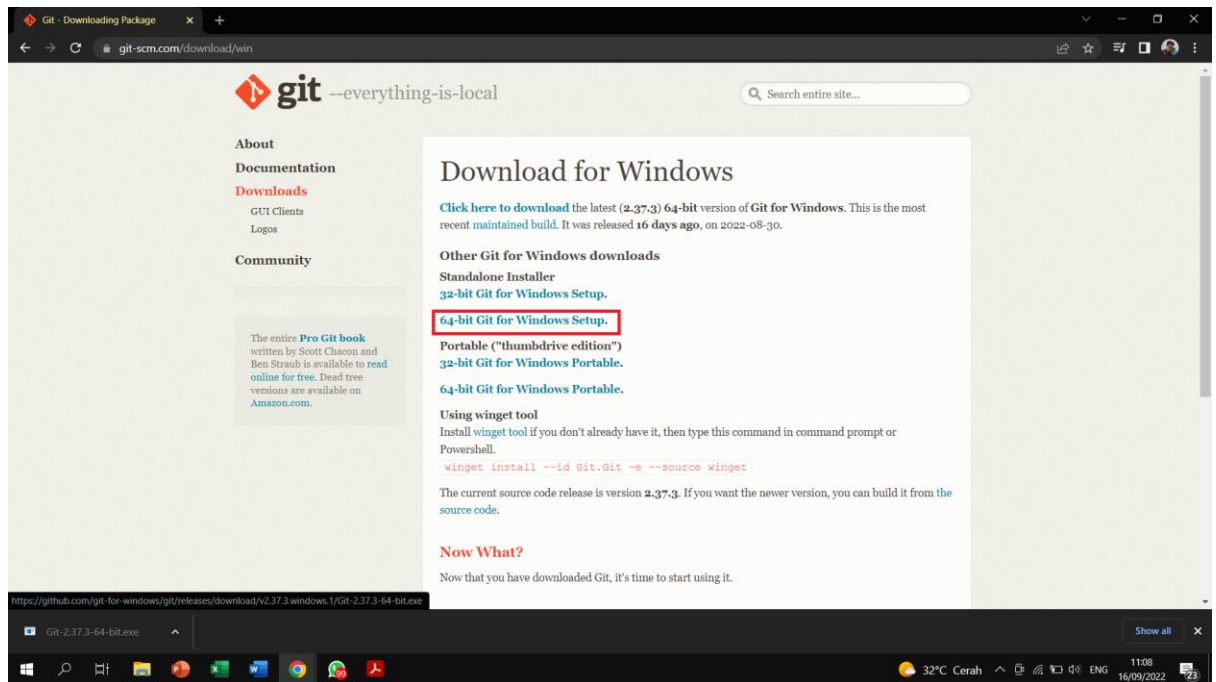
## Cara Install Git dan Framework Flutter di Windows

1. Buka website flutter
2. Lalu pilih windows (sesuaikan dengan OS yang dipakai)

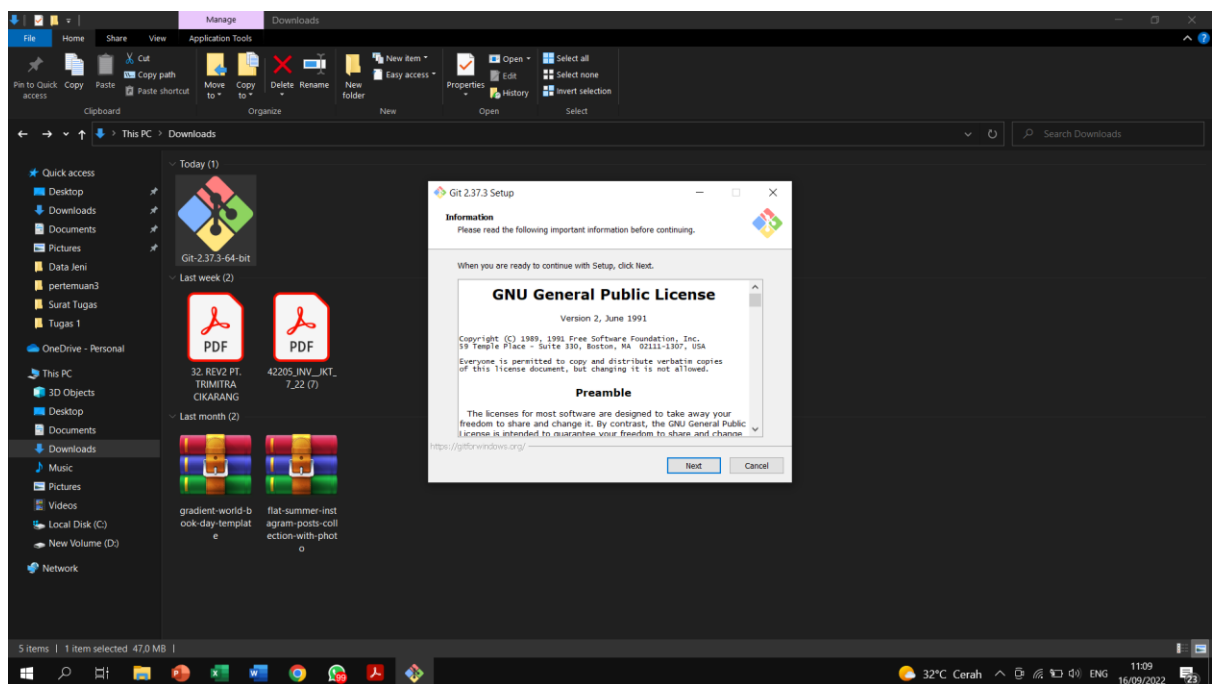


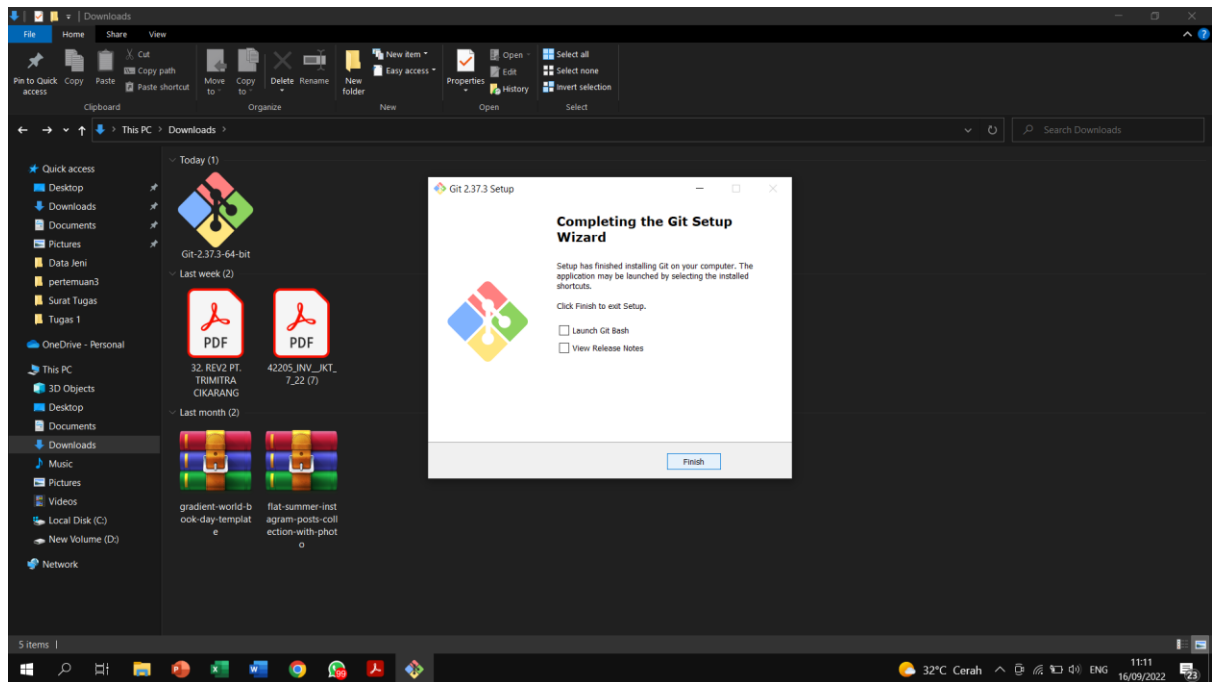
3. Cek requirements yang diminta dan download **git for windows**
4. Pilih yang 64 bit



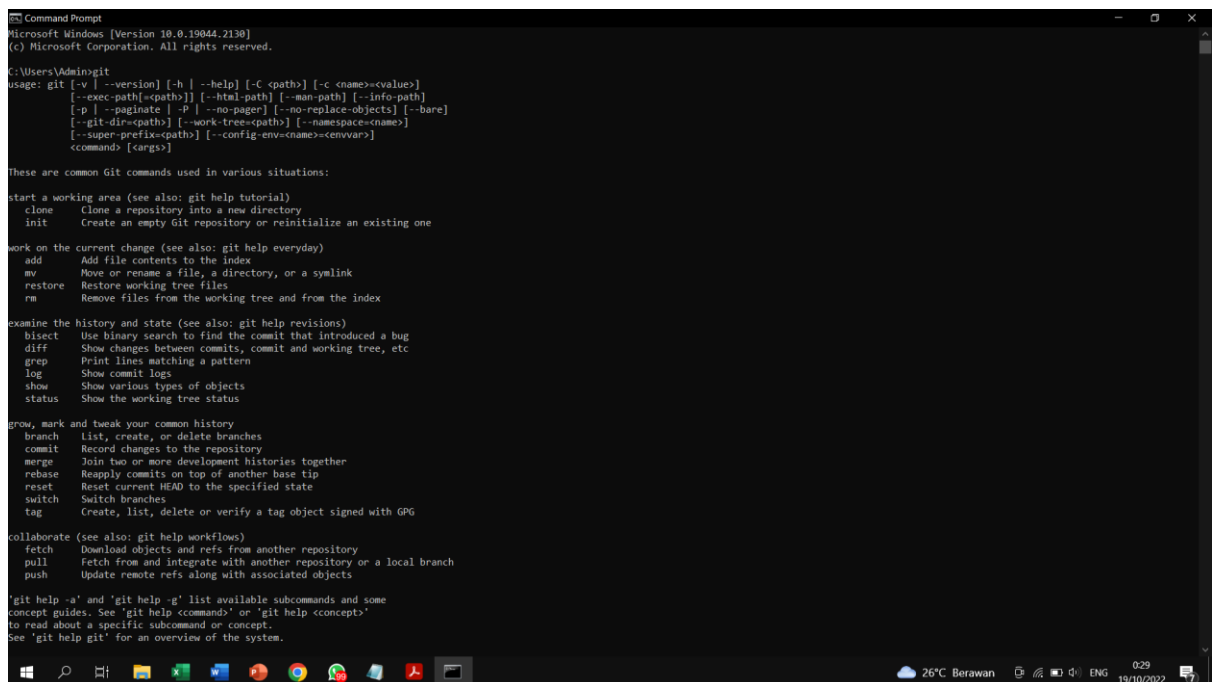


5. Setelah selesai download **git for windows**
6. Install aplikasi tersebut, klik kiri 2 kali dan klik next sampai selesai dan install. Lalu klik finish

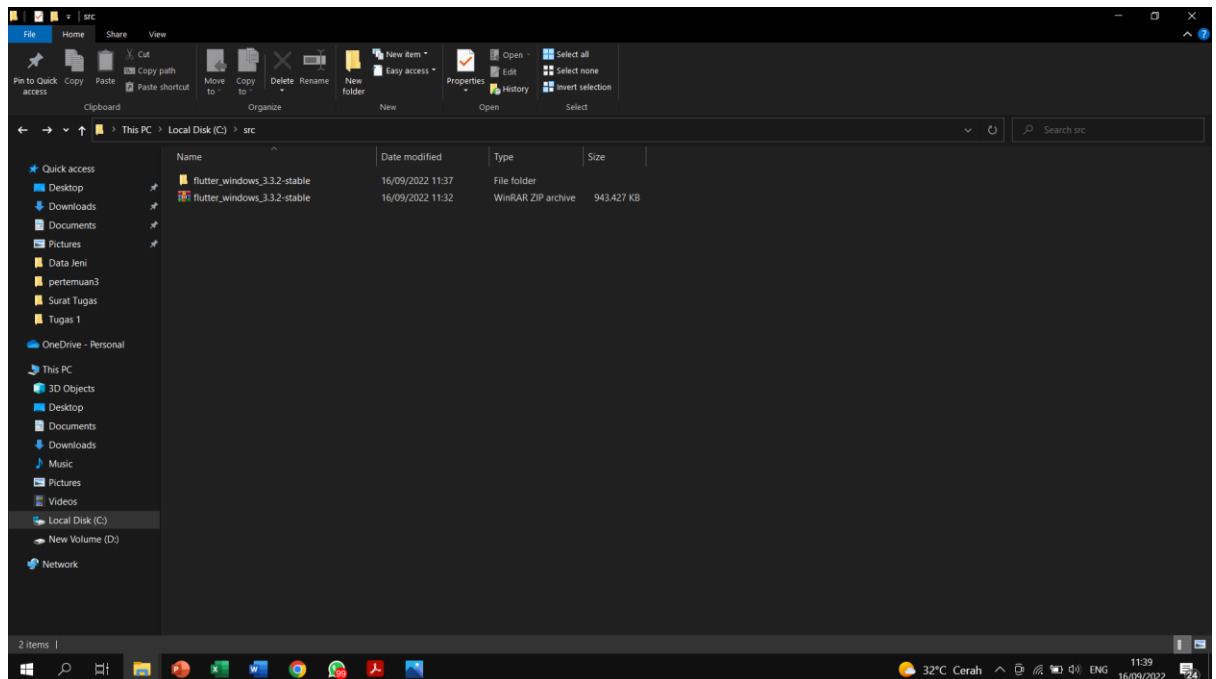
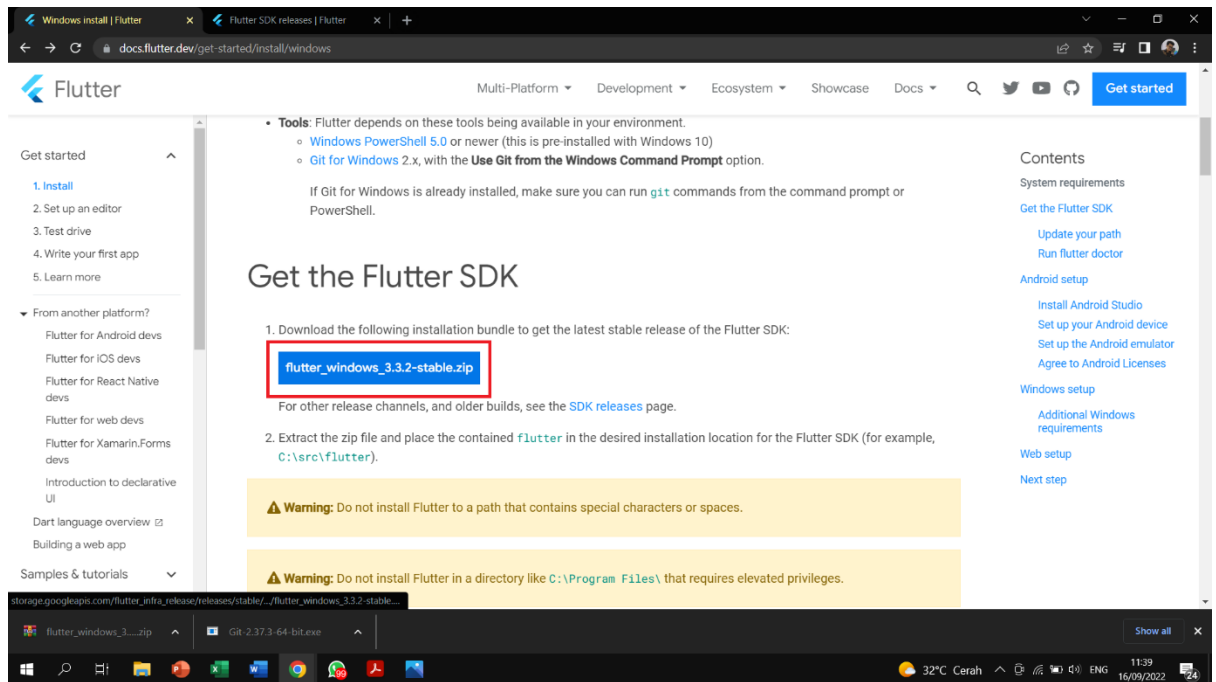




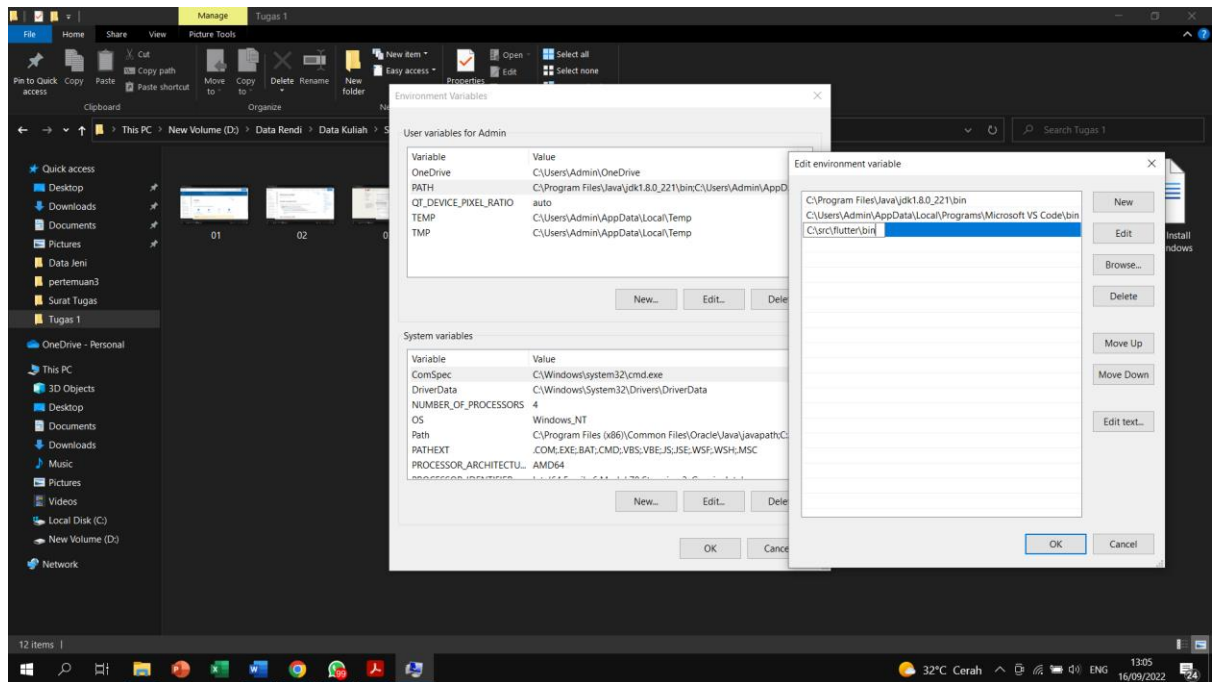
7. Jika sudah terinstall, kita pastikan lagi melalui command prompt



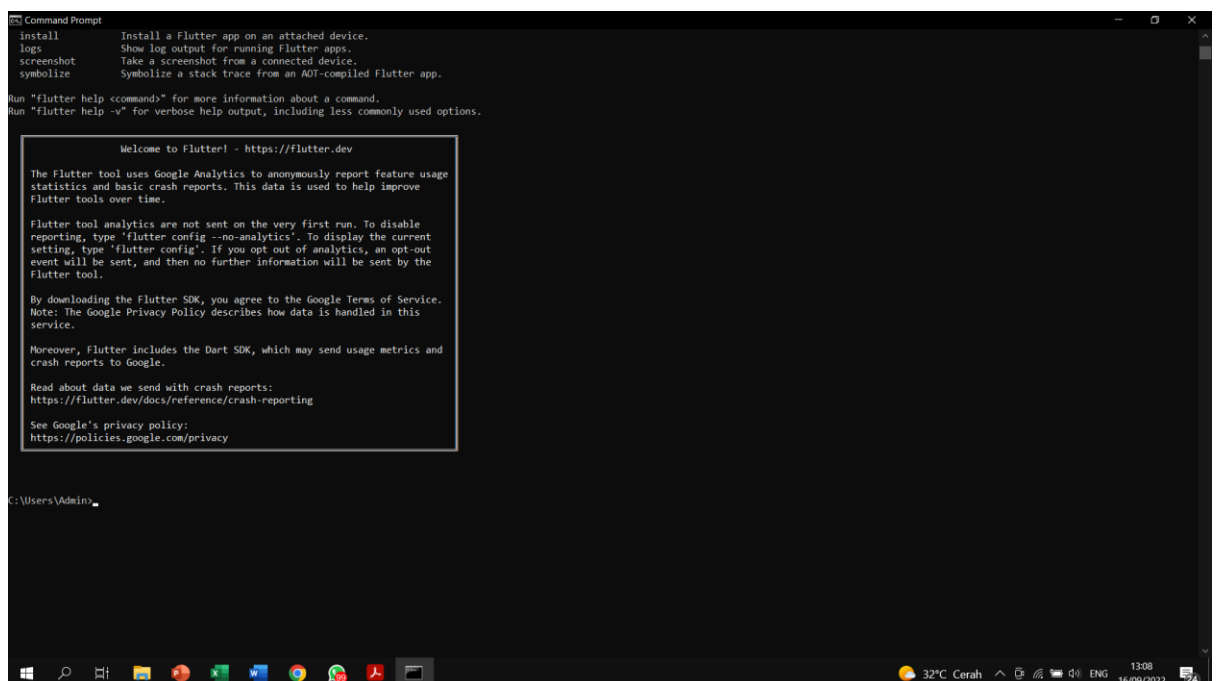
8. Install **Flutter SDK**, lalu pindahkan file download Flutter SDK ke data C dan buat folder src  
lalu extract file Flutter SDK



9. Kemudian update path, klik windows lalu ketik **environment variable**
10. Pilih PATH lalu klik edit, klik new dan masukkan **C:\src\flutter\bin**
11. Setelah itu klik ok



12. Setelah itu kita cek melalui CMD, dan ketikkan flutter. Jika muncul tulisan **Welcome to Flutter!** maka sudah berhasil



13. Sekarang kita coba jalankan flutter doctor, masuk ke CMD lalu ketikkan flutter doctor, maka akan muncul tampilan seperti ini

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

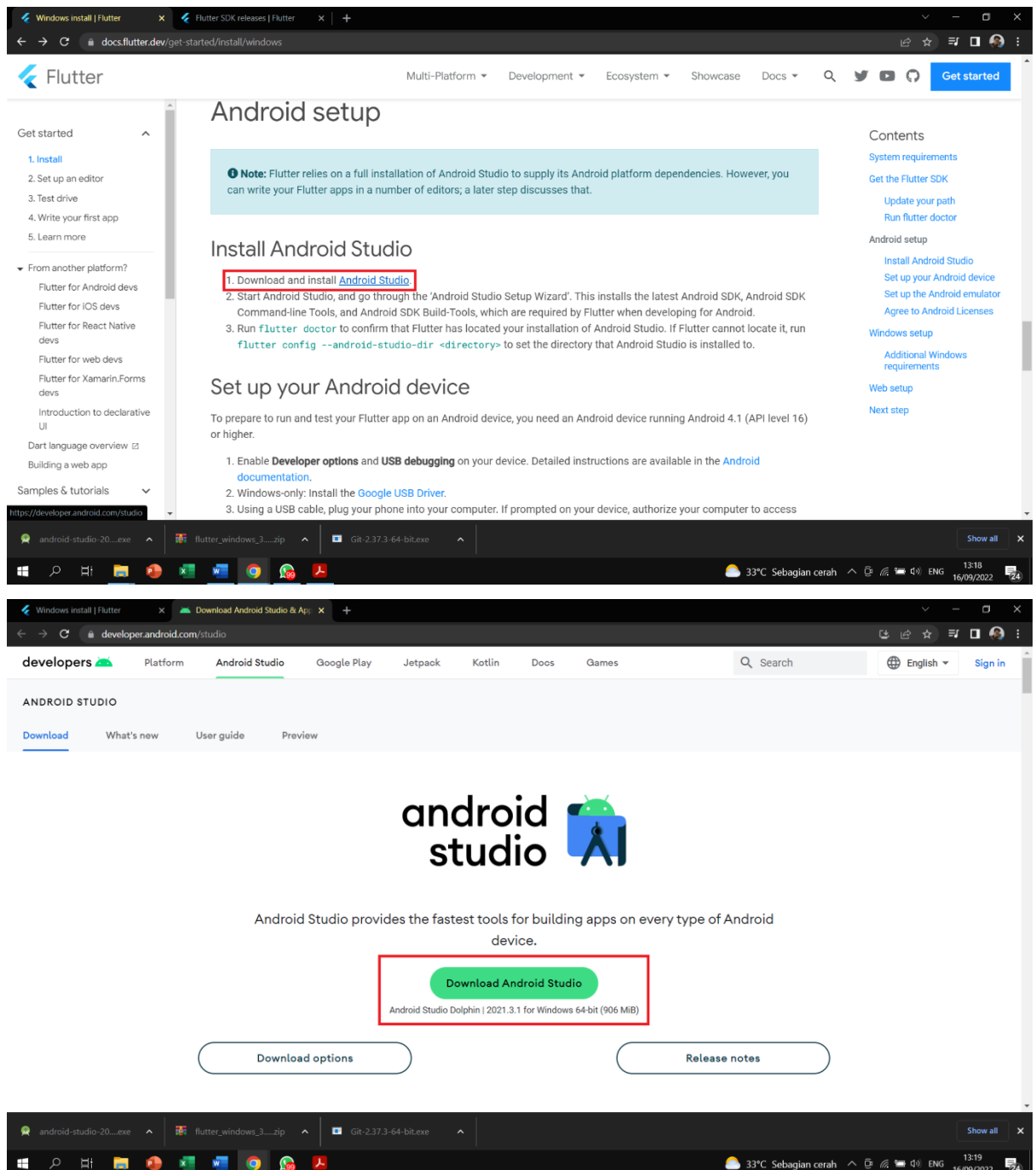
C:\Users\Admin>flutter doctor
Running "flutter pub get" in flutter_tools... 4.7s
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.3.2, on Microsoft Windows [Version 10.0.19044.1889], locale en-ID)
[✗] Android toolchain - develop for Android devices
    ✗ Unable 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/docs/get-started/install/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 for Windows
    ✗ Visual Studio not installed; this is necessary for Windows development.
      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)
[✓] VS Code (version 1.68.1)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 3 categories.

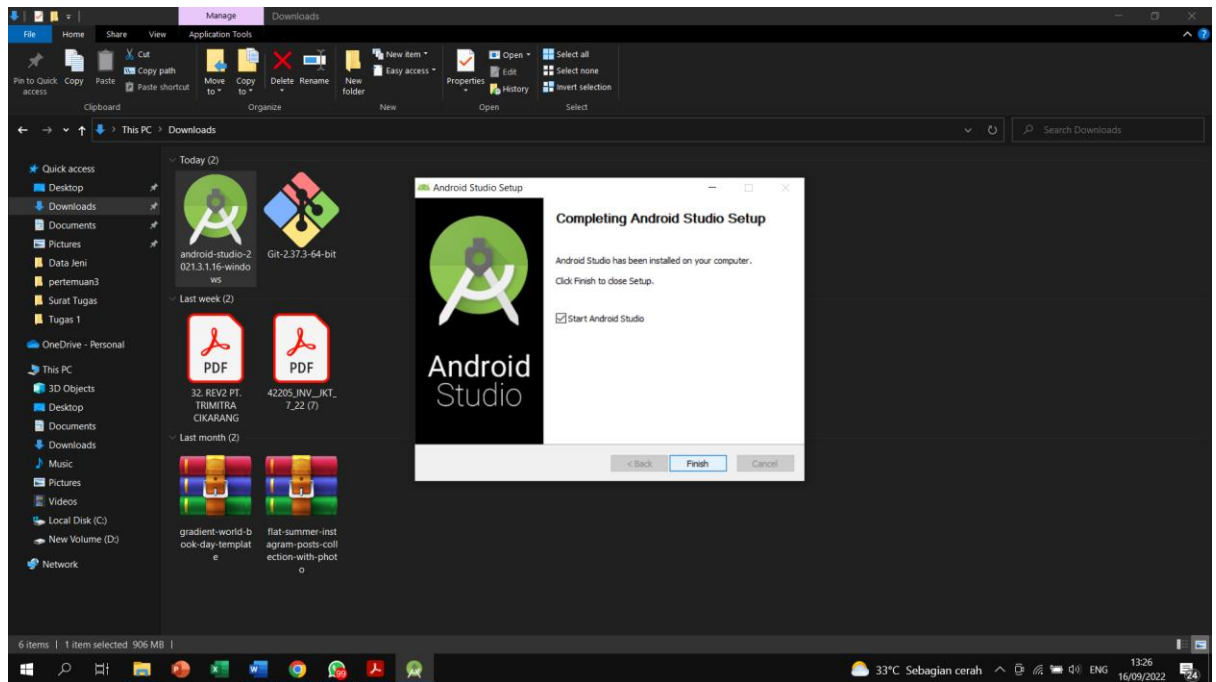
C:\Users\Admin>
```

## Cara Install android studio

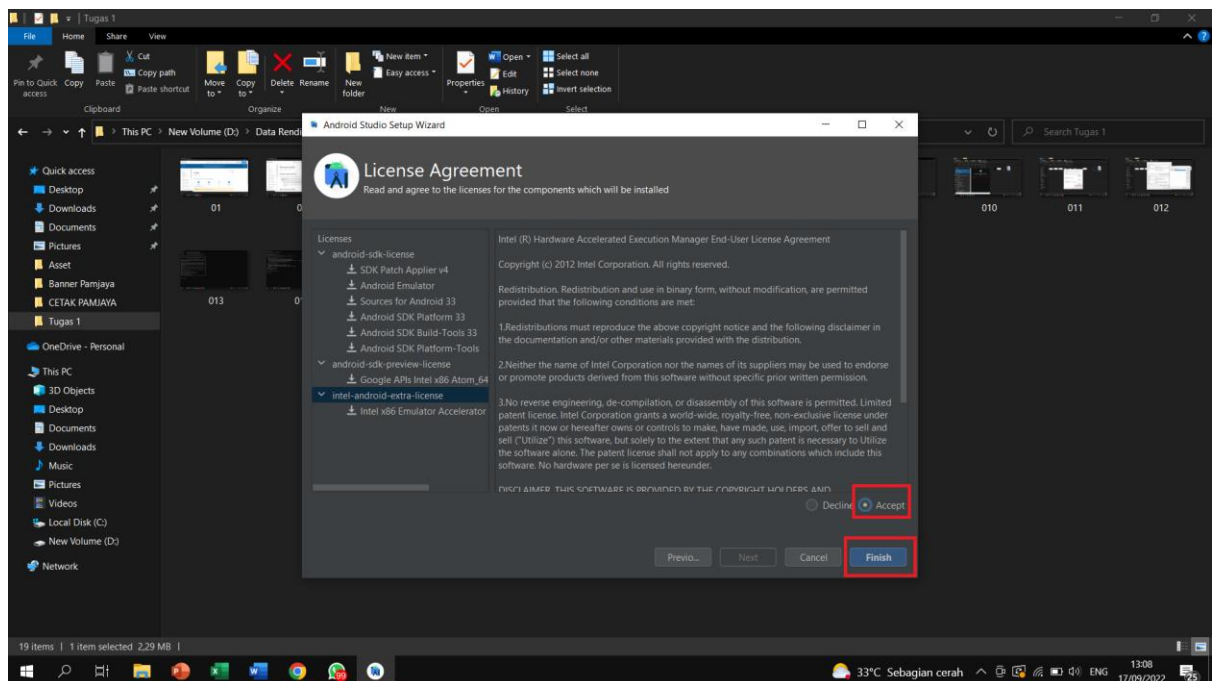
1. Klik **android studio** pada website flutter sebelumnya. Lalu klik download android studio



2. Setelah berhasil download, klik kiri 2 kali pada file yg sudah di download. Lalu ikuti prosesnya sampai selesai. Kemudian klik finish



3. Kemudian buka android studio, ikuti prosesnya sampai License Agreement, pastikan semua di Accept, lalu klik finish
4. Tunggu prosesnya sampai selesai



5. Jika sudah berhasil install. Kita cek di CMD lagi melalui flutter doctor. Maka akan muncul seperti gambar dibawah ini. Android studio berhasil terinstall



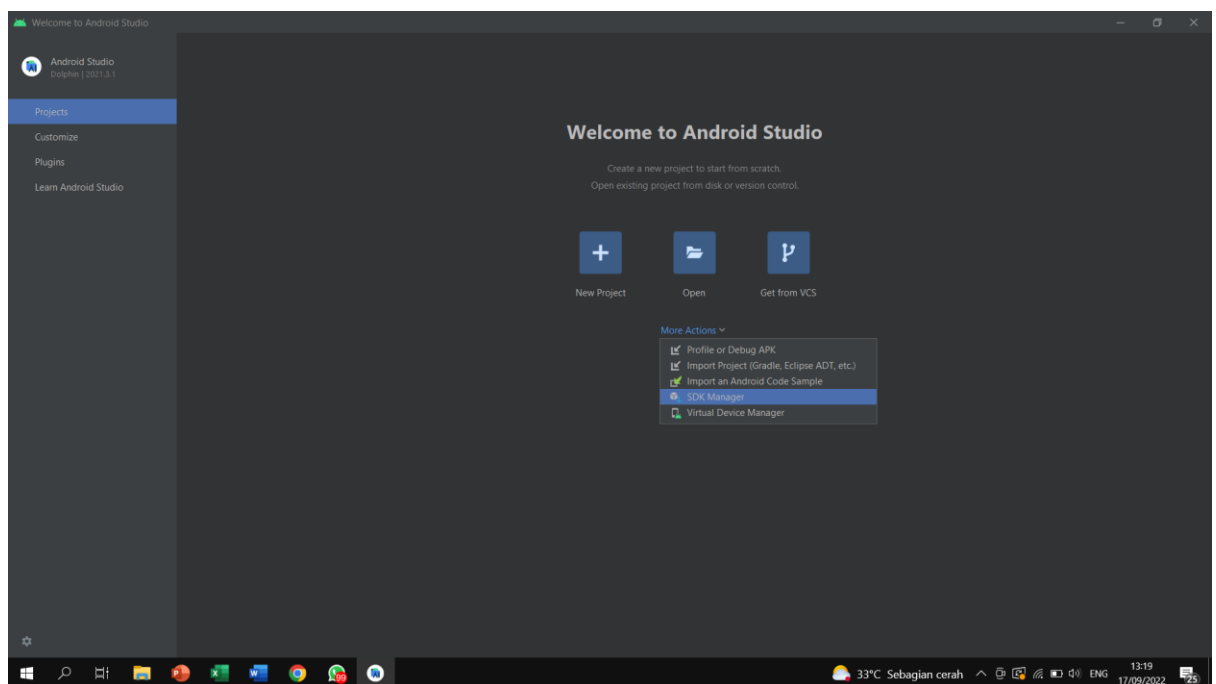
```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.3.2, on Microsoft Windows [Version 10.0.19044.1889], locale en-ID)
[!] Android toolchain - develop for Android devices (Android SDK version 33.0.0)
    X cmdline-tools component is missing
      Run 'path/to/sdkmanager --install "cmdline-tools;latest"'
      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/docs/get-started/install/windows#android-setup for more details.
[✓] Chrome - develop for the web
[✓] Visual Studio - develop for Windows
    X Visual Studio not installed; this is necessary for Windows development.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2021.3)
[✓] VS Code (version 1.68.1)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

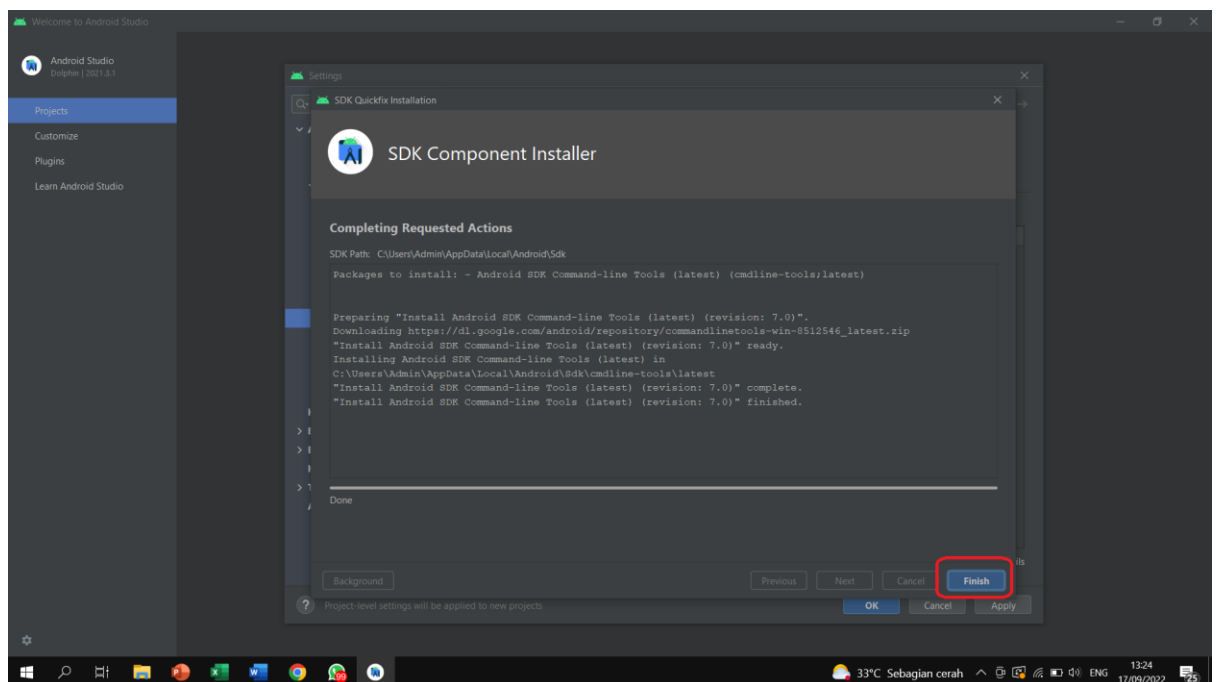
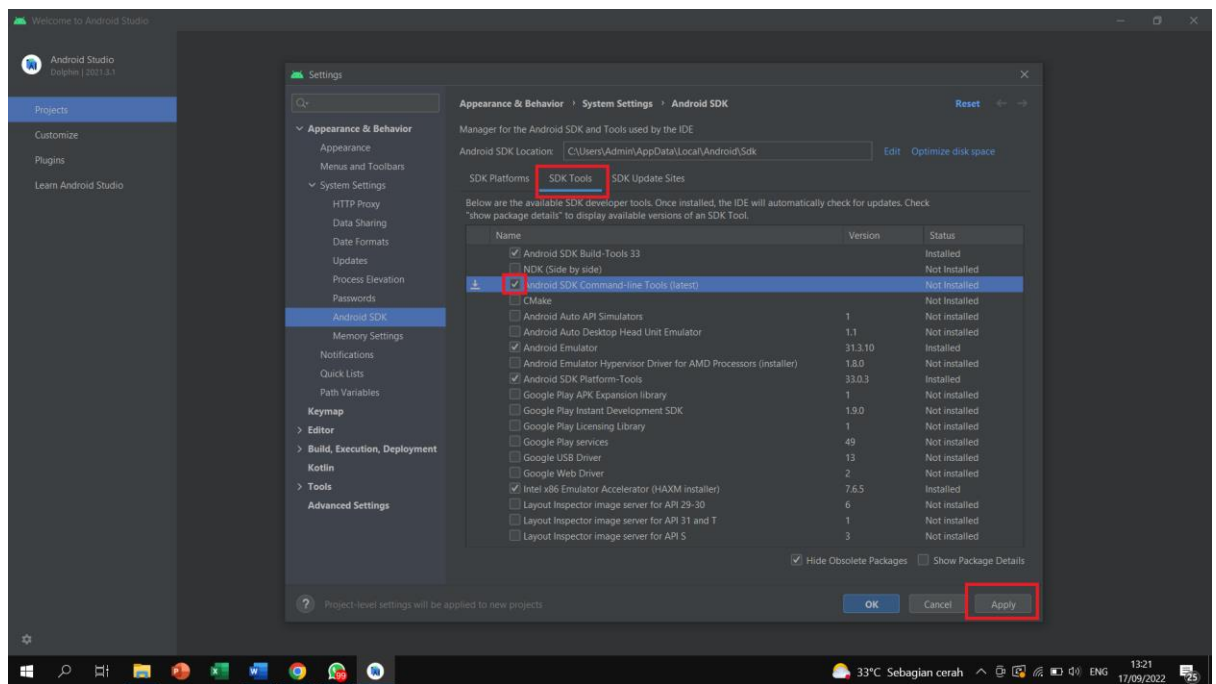
! Doctor found issues in 2 categories.

C:\Users\Admin>
```

- Setelah itu kita bereskan Android SDK melalui android studio. Klik more actions, lalu pilih SDK Manager



- Pilih SDK Tools, ceklis Android SDK Command-Line Tools, klik apply
- Ikuti langkahnya sampai selesai dan klik finish



9. Kita cek lagi melalui CMD dengan flutter doctor

```
Command Prompt
Microsoft Windows [Version 10.0.19044.1889]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Admin>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.3.2, on Microsoft Windows [Version 10.0.19044.1889], locale en-ID)
[!] Android toolchain - develop for Android devices (Android SDK version 33.0.0)
    ! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[✓] Visual Studio - develop for Windows
    X Visual Studio not installed; this is necessary for Windows development.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2021.3)
[✓] VS Code (version 1.68.1)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 2 categories.

C:\Users\Admin>
```

10. Setelah itu kita bereskan bagian android toolchain dengan memasukkan **flutter doctor --android-licenses**.

```
Command Prompt

[!] Android toolchain - develop for Android devices (Android SDK version 33.0.0)
! Some Android licenses not accepted. To resolve this, run: flutter doctor --android-licenses
[✓] Chrome - develop for the web
[✓] Visual Studio - develop for Windows
    X Visual Studio not installed; this is necessary for Windows development.
      Download at https://visualstudio.microsoft.com/downloads/.
      Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2021.3)
[✓] VS Code (version 1.68.1)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 2 categories.

C:\Users\Admin>flutter doctor --android-licenses
4 of 7 SDK package licenses not accepted. 100% Computing updates...
Review licenses that have not been accepted (y/n)? y

1/4: License android-googletv-license:
-----
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 A
PIs 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:

(A) clicking to accept or agree to this License Agreement, where this option is made available to you; or

(B) by actually using the Google TV Add-on. In this case, you agree that use of the Google TV Add-on constitutes acceptance of the License Agreement from that point onwards.

2.3 You may not use the Google TV Add-on and may not accept the Licensing Agreement if you are a person barred from receiving the Google TV Add-on under the laws of the United States or other countries including
the country in which you are resident or from which you use the Google TV Add-on.

2.4 If you are agreeing to be bound by this License Agreement on behalf of your employer or other entity, you represent and warrant that you have full legal authority to bind your employer or such entity to this
License Agreement. If you do not have the requisite authority, you may not accept the Licensing Agreement or use the Google TV Add-on on behalf of your employer or other entity.

3. Google TV Add-on License from Google

3.1 Subject to the terms of this License Agreement, Google grants you a limited, worldwide, royalty-free, non-assignable and non-exclusive license to use the Google TV Add-on solely to develop applications to r
```

11. Jika sudah kita klik y (yes) dan cek lagi flutter doctornya sampai semua sudah ceklis

```
Command Prompt
n applications and (iv) MIPS can provide no assurance that it will ever produce or make generally available a production version of the Pre-Release Materials . MIPS is not under any obligation to develop and/or
release or offer for sale or license a final product based upon the Pre-Release Materials and may unilaterally elect to abandon the Pre-Release Materials or any such development platform at any time and without
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on-line documentation. With respect to the Open Source software, nothing in this Agreement limits any rights under, or grants rights that supersede, the terms of any applicable Open Source software license agre
ement.
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Accept? (y/N): y
All SDK package licenses accepted

C:\Users\Admin>flutter doctor

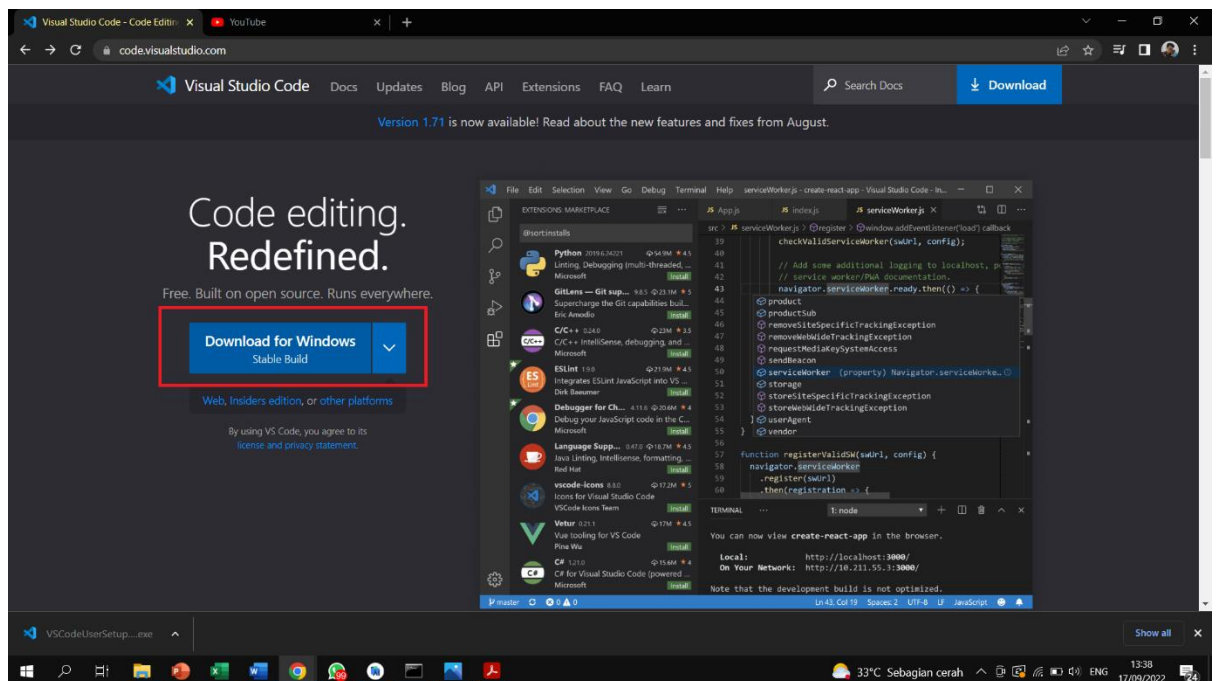
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[✓] Chrome - develop for the web
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   Download at https://visualstudio.microsoft.com/downloads/.
   Please install the "Desktop development with C++" workload, including all of its default components
[✓] Android Studio (version 2021.3)
[✓] VS Code (version 1.68.1)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

Doctor found issues in 1 category.

C:\Users\Admin>
```

## Cara Install Visual Studio Code

1. Masuk ke website <https://code.visualstudio.com/> lalu klik download



2. Jika sudah download, dapat di install dan ikuti prosesnya sampai selesai
3. Klik extension, cari flutter, kemudian install

