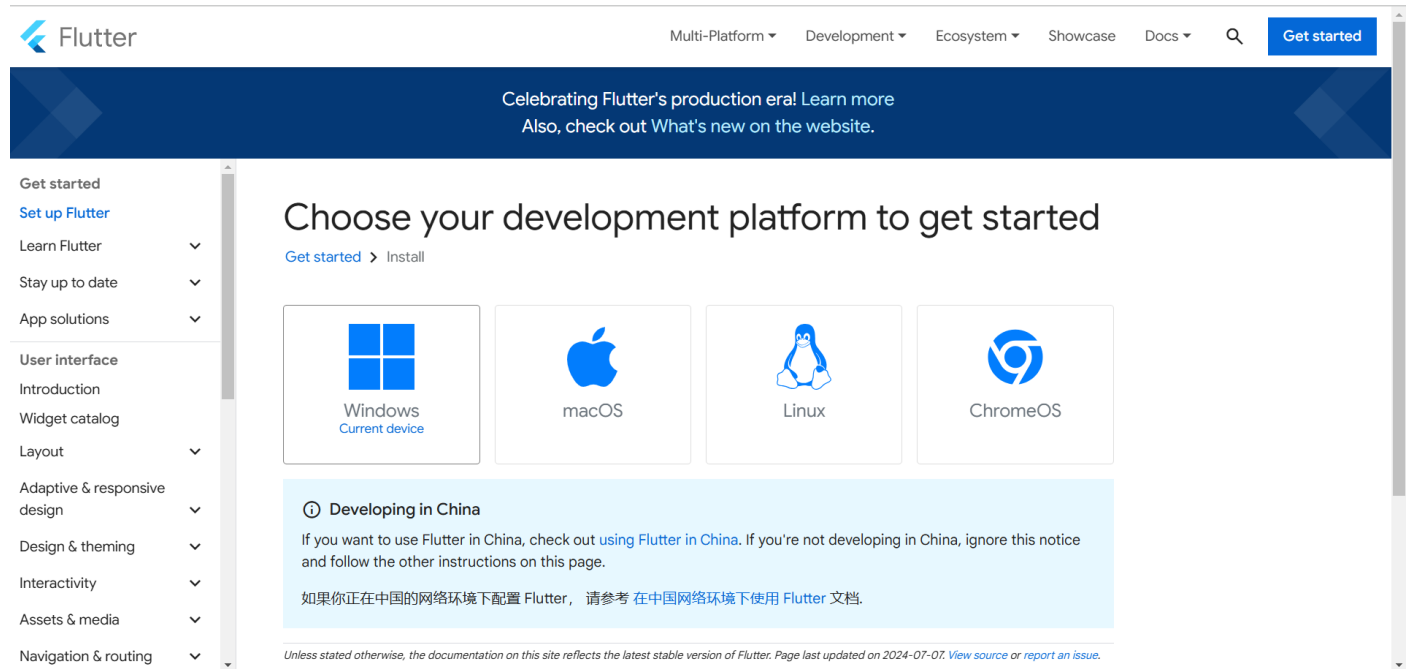


Name :- Bhagyesh Patil

Roll_no :- 35

Experiment no 1

- Install flutter



The image shows the Flutter website homepage. The header includes the Flutter logo, navigation links (Multi-Platform, Development, Ecosystem, Showcase, Docs), a search icon, and a 'Get started' button. A blue banner below the header reads 'Celebrating Flutter's production era! Learn more. Also, check out What's new on the website.' The main content area is titled 'Choose your development platform to get started' and features four large buttons for 'Windows Current device', 'macOS', 'Linux', and 'ChromeOS'. A sidebar on the left lists various sections like 'Get started', 'Set up Flutter', 'Learn Flutter', 'Stay up to date', 'App solutions', 'User interface', 'Introduction', 'Widget catalog', 'Layout', 'Adaptive & responsive design', 'Design & theming', 'Interactivity', 'Assets & media', and 'Navigation & routing'. A light blue box contains a notice about developing in China.

Flutter

Multi-Platform Development Ecosystem Showcase Docs Get started

Celebrating Flutter's production era! Learn more
Also, check out What's new on the website.

Get started
Set up Flutter
Learn Flutter
Stay up to date
App solutions
User interface
Introduction
Widget catalog
Layout
Adaptive & responsive design
Design & theming
Interactivity
Assets & media
Navigation & routing

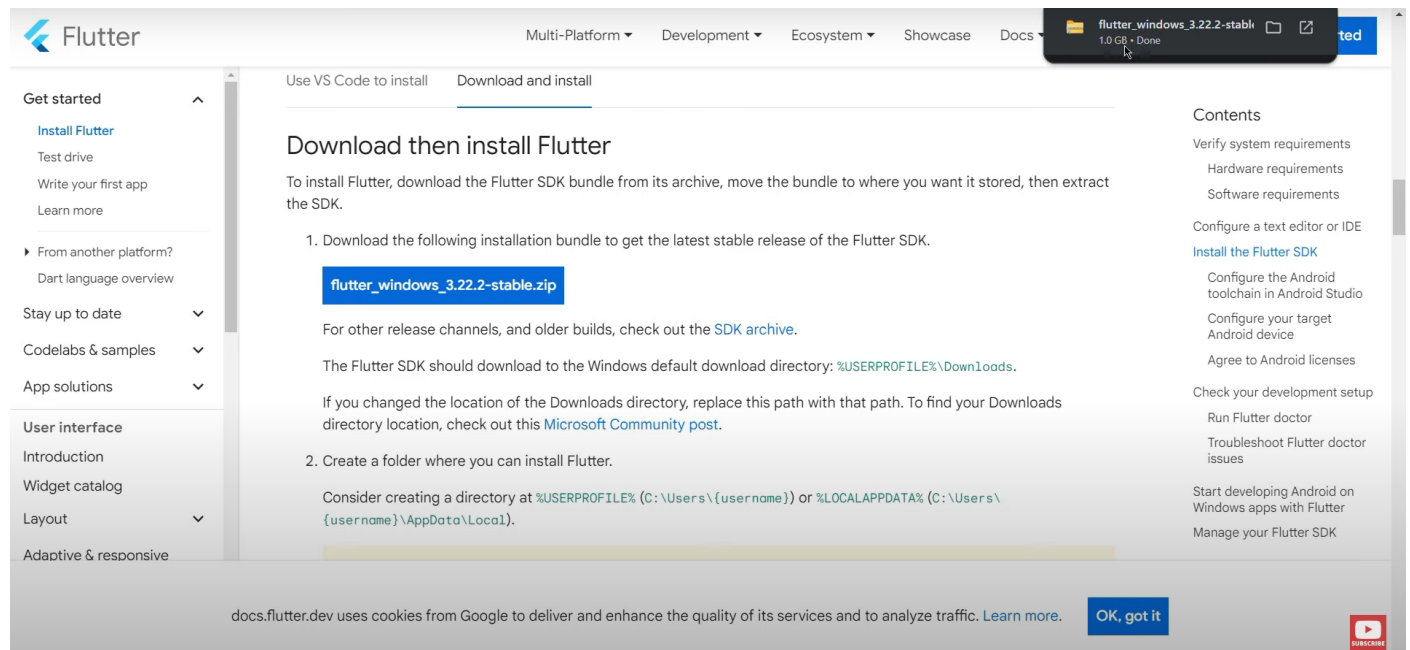
Choose your development platform to get started

Get started > Install

Windows Current device
macOS
Linux
ChromeOS

Developing in China
If you want to use Flutter in China, check out [using Flutter in China](#). If you're not developing in China, ignore this notice and follow the other instructions on this page.
如果你正在中国的网络环境下配置 Flutter，请参考 [在中国网络环境下使用 Flutter 文档](#)。

Unless stated otherwise, the documentation on this site reflects the latest stable version of Flutter. Page last updated on 2024-07-07. [View source](#) or [report an issue](#).



The image shows the 'Download then install Flutter' page on the Flutter website. The header is similar to the homepage. The main content area is titled 'Download then install Flutter' and includes instructions on how to install Flutter. It mentions downloading the Flutter SDK bundle from its archive and extracting it. A blue button labeled 'flutter_windows_3.22.2-stable.zip' is visible. The page also includes a 'Contents' section on the right with links to various topics like 'Verify system requirements', 'Hardware requirements', 'Software requirements', 'Configure a text editor or IDE', 'Install the Flutter SDK', 'Configure the Android toolchain in Android Studio', 'Configure your target Android device', 'Agree to Android licenses', 'Check your development setup', 'Run Flutter doctor', 'Troubleshoot Flutter doctor issues', 'Start developing Android on Windows apps with Flutter', and 'Manage your Flutter SDK'. A footer at the bottom states 'docs.flutter.dev uses cookies from Google to deliver and enhance the quality of its services and to analyze traffic. Learn more.' and includes an 'OK, got it' button and a YouTube subscribe button.

Flutter

Multi-Platform Development Ecosystem Showcase Docs

flutter_windows_3.22.2-stable
1.0 GB • Done

Download then install Flutter


Use VS Code to install Download and install

To install Flutter, download the Flutter SDK bundle from its archive, move the bundle to where you want it stored, then extract the SDK.

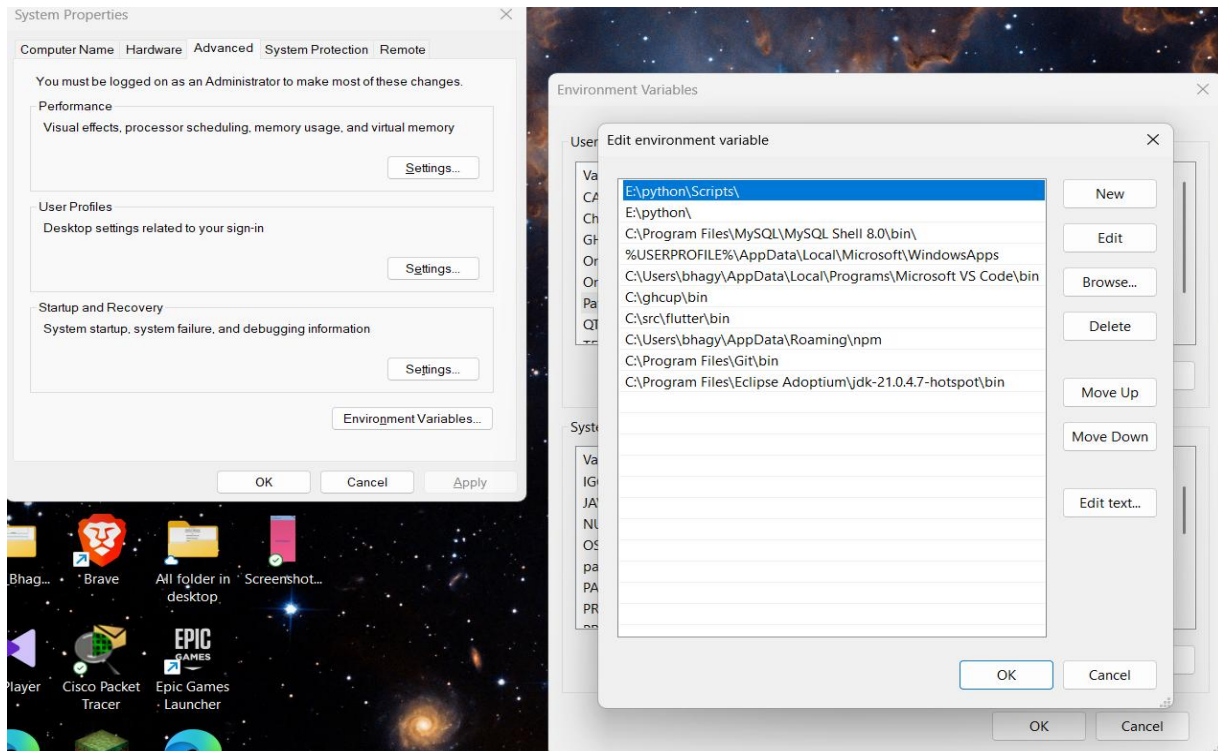
- Download the following installation bundle to get the latest stable release of the Flutter SDK.
flutter_windows_3.22.2-stable.zip
For other release channels, and older builds, check out the [SDK archive](#).
The Flutter SDK should download to the Windows default download directory: `%USERPROFILE%\Downloads`.
If you changed the location of the Downloads directory, replace this path with that path. To find your Downloads directory location, check out this [Microsoft Community post](#).
- Create a folder where you can install Flutter.
Consider creating a directory at `%USERPROFILE%\C:\Users\{username}` or `%LOCALAPPDATA%\C:\Users\{username}\AppData\Local`.

Contents
Verify system requirements
Hardware requirements
Software requirements
Configure a text editor or IDE
[Install the Flutter SDK](#)
Configure the Android toolchain in Android Studio
Configure your target Android device
Agree to Android licenses
Check your development setup
Run Flutter doctor
Troubleshoot Flutter doctor issues
Start developing Android on Windows apps with Flutter
Manage your Flutter SDK

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**



- Set Environment variables and paste the flutter bin path in path option



- In Cmd type flutter doctor

```
Welcome to Flutter! - https://flutter.dev

The Flutter tool uses Google Analytics to anonymously report feature usage
statistics and basic crash reports. This data is used to help improve
Flutter tools over time.

Flutter tool analytics are not sent on the very first run. To disable
reporting, type 'flutter config --no-analytics'. To display the current
setting, type 'flutter config'. If you opt out of analytics, an opt-out
event will be sent, and then no further information will be sent by the
Flutter tool.

By downloading the Flutter SDK, you agree to the Google Terms of Service.
The Google Privacy Policy describes how data is handled in this service.

Moreover, Flutter includes the Dart SDK, which may send usage metrics and
crash reports to Google.

Read about data we send with crash reports:
https://flutter.dev/docs/reference/crash-reporting

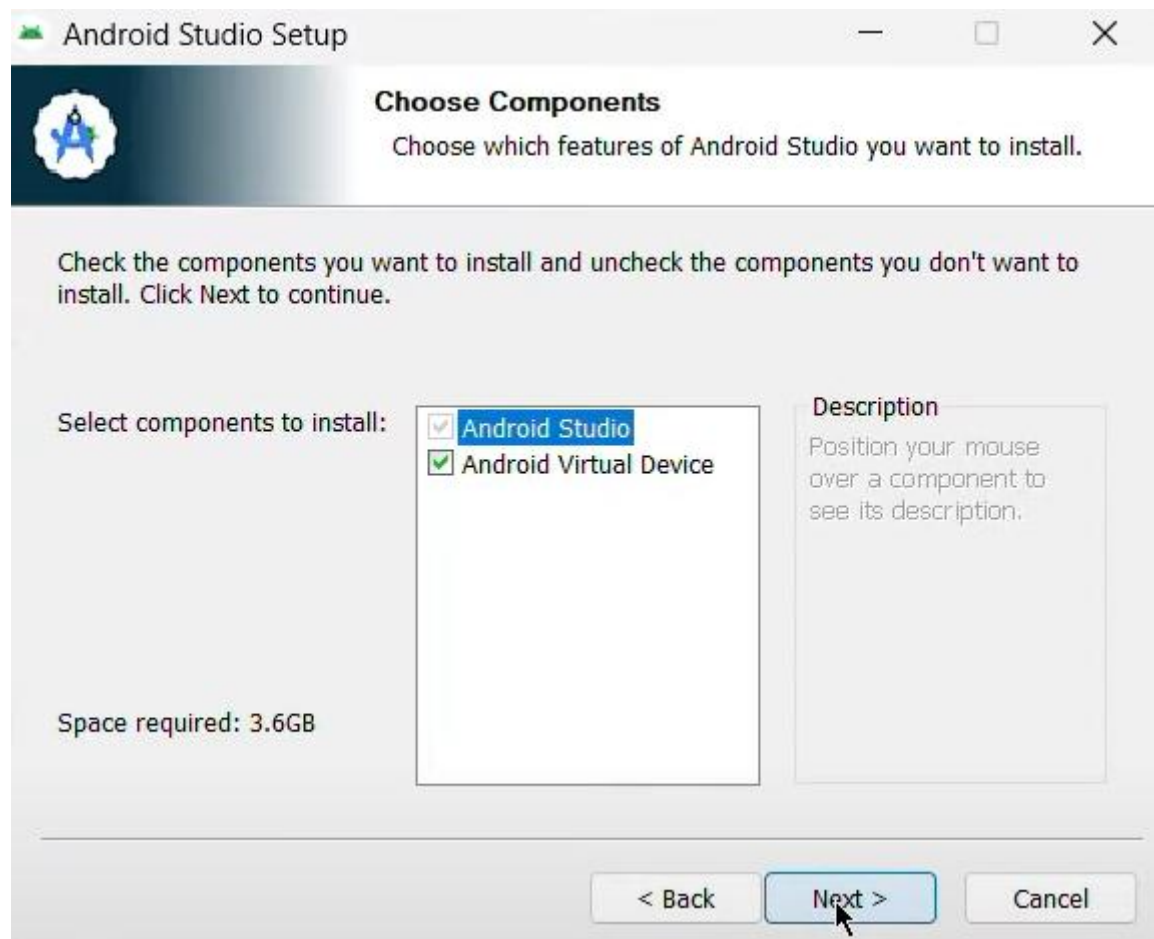
See Google's privacy policy:
https://policies.google.com/privacy

To disable animations in this tool, use
'flutter config --no-cli-animations'.
```

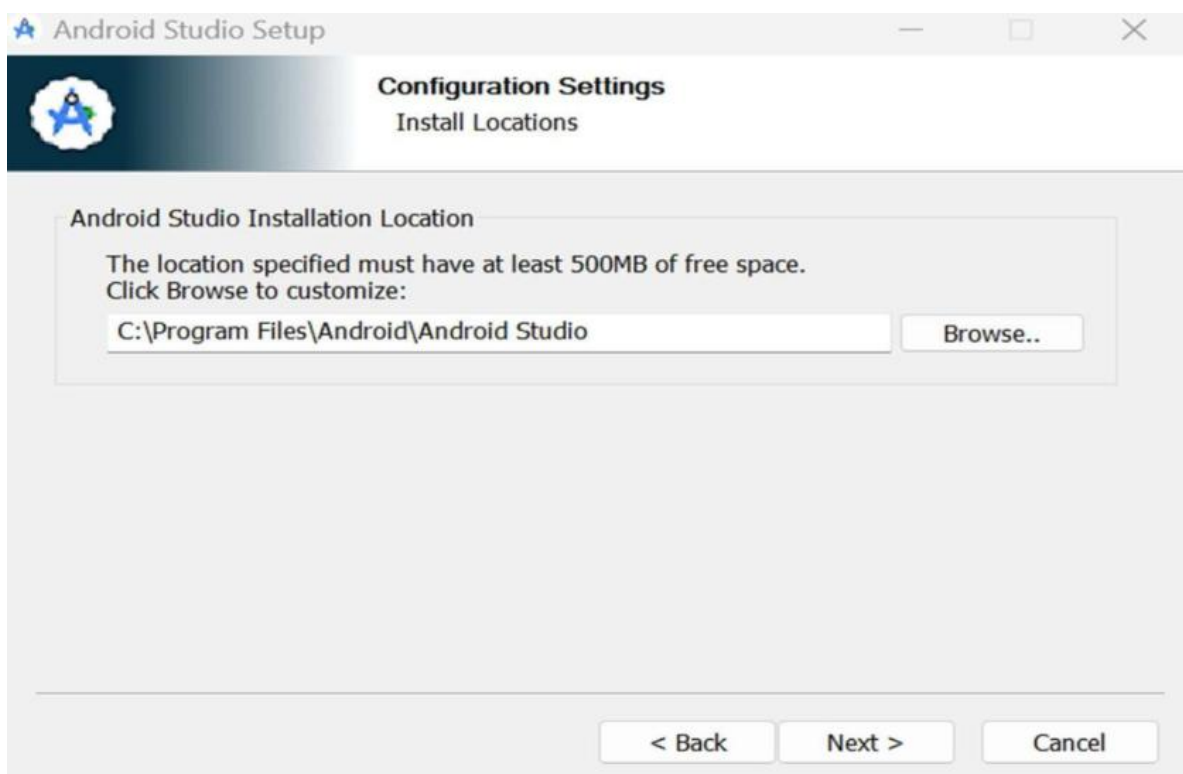
- Download the android studio go the official website

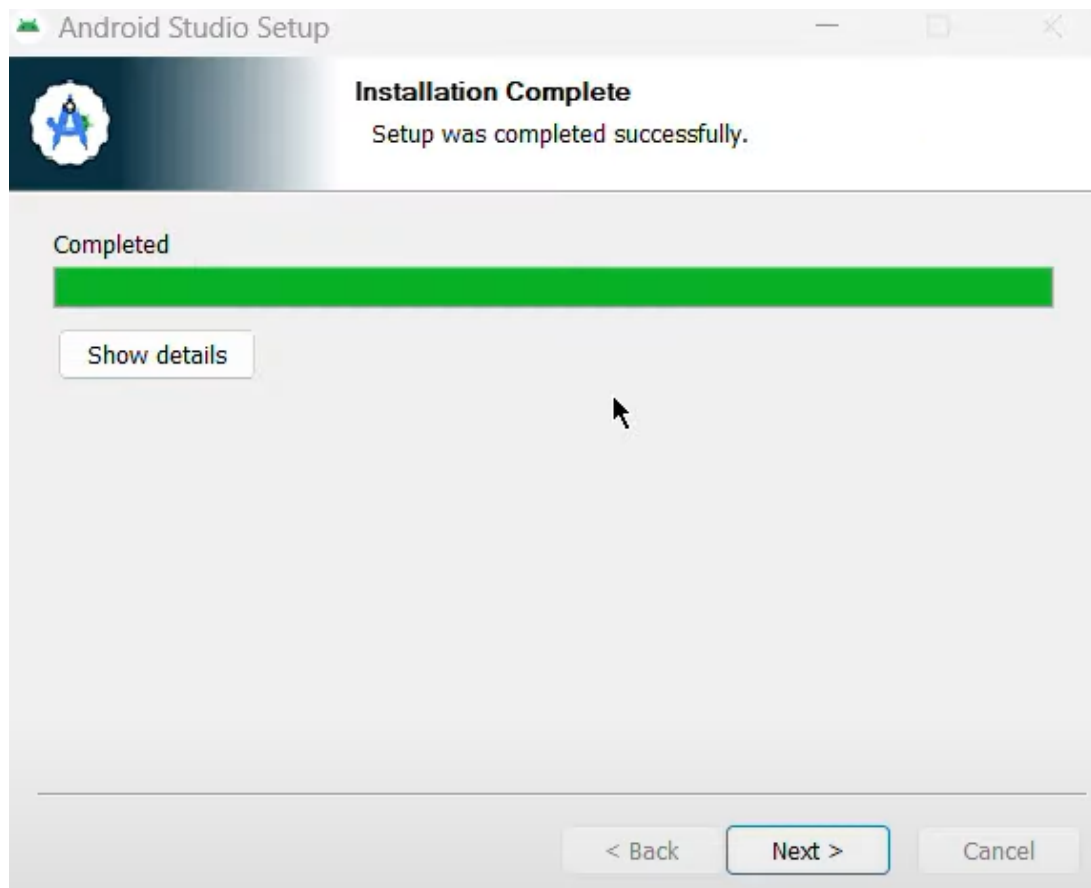
The screenshot shows the official Android Studio website. At the top, there's a navigation bar with links for Developers, Essentials, Design & Plan, Develop, Google Play, and Community. A search bar and a language selector are also present. Below the navigation bar, the main heading is "ANDROID STUDIO". Underneath, there are links for Download, Android Studio editor, Gemini in Android Studio, Android Gradle Plugin, SDK tools, and Preview. The central part of the page features a large image of the Android Studio interface with the text "Android Studio" and "The official IDE for Android app development now accelerates your productivity with Gemini in Android Studio, your AI-powered coding companion." Below this, there's a button that says "Download Android Studio Ladybug Feature Drop" and a link to "Read release notes". At the bottom of the page, there's a Windows taskbar showing the system clock as 19:47:46 on 28-01-2025.

The screenshot shows the "Android Studio Setup" window. On the left, there's a large image of the Android Studio logo. On the right, the text reads "Welcome to Android Studio Setup". Below this, it says "Setup will guide you through the installation of Android Studio." and "It is recommended that you close all other applications before starting Setup. This will make it possible to update relevant system files without having to reboot your computer." At the bottom, there are three buttons: "< Back", "Next >", and "Cancel". A mouse cursor is pointing at the "Next >" button.

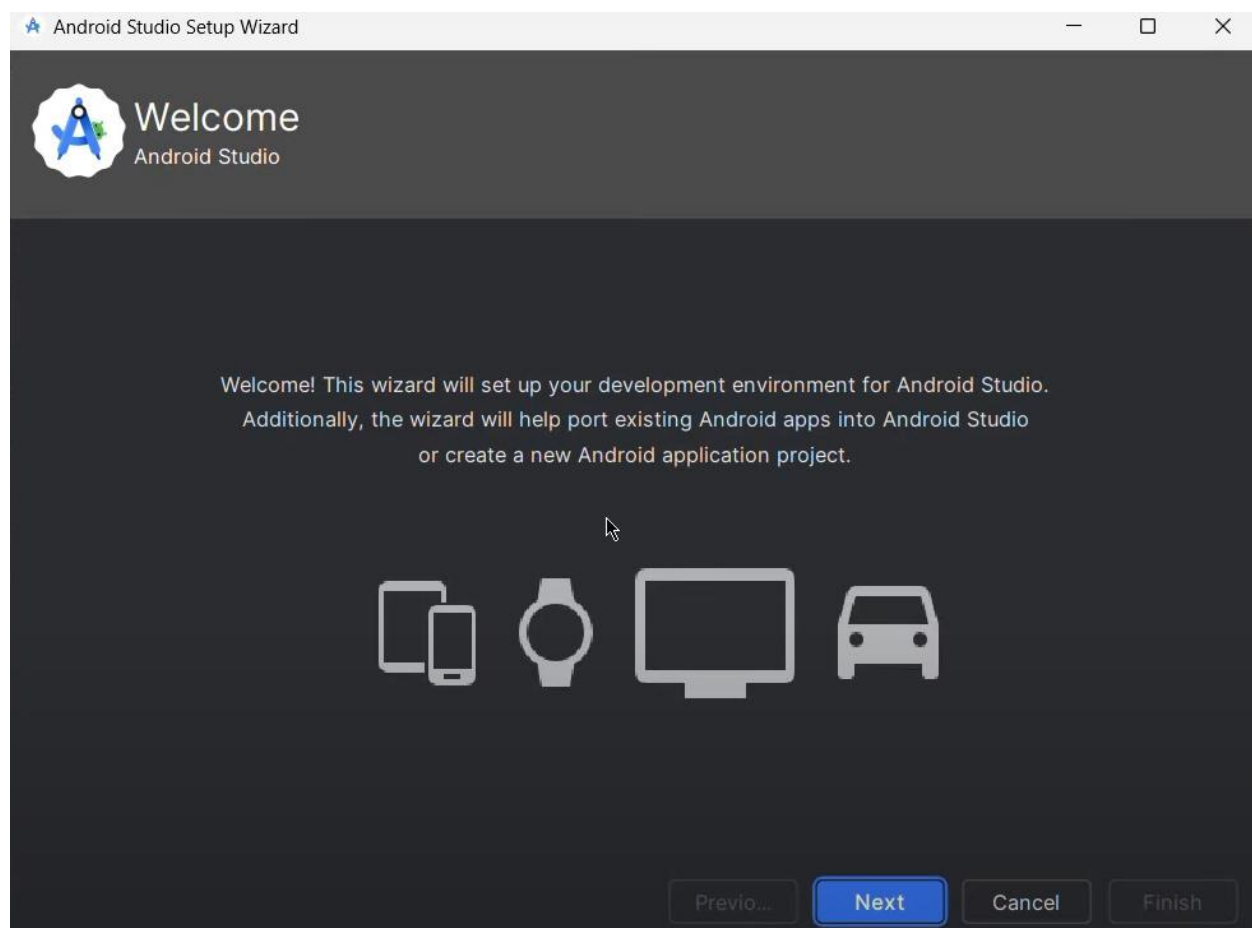


- Downloading Android SDK

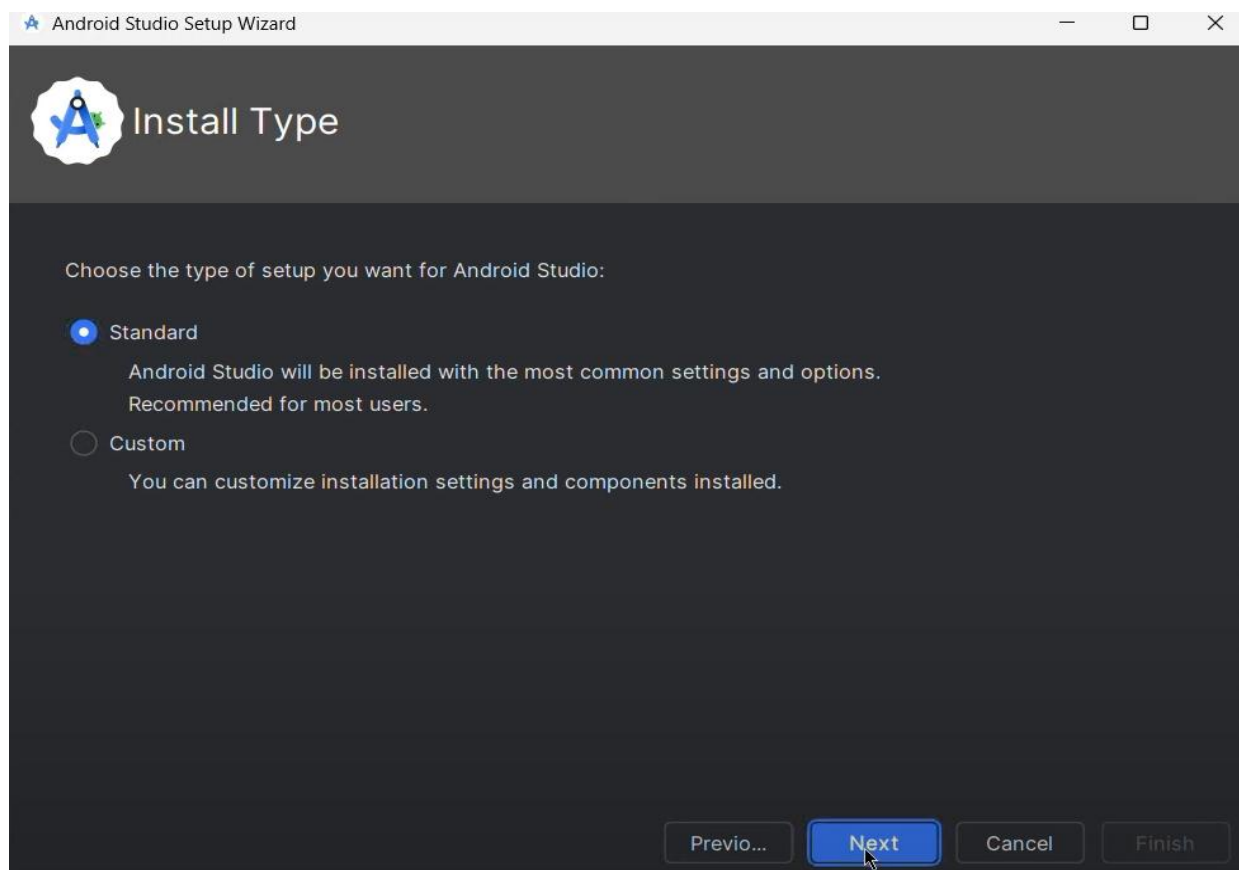




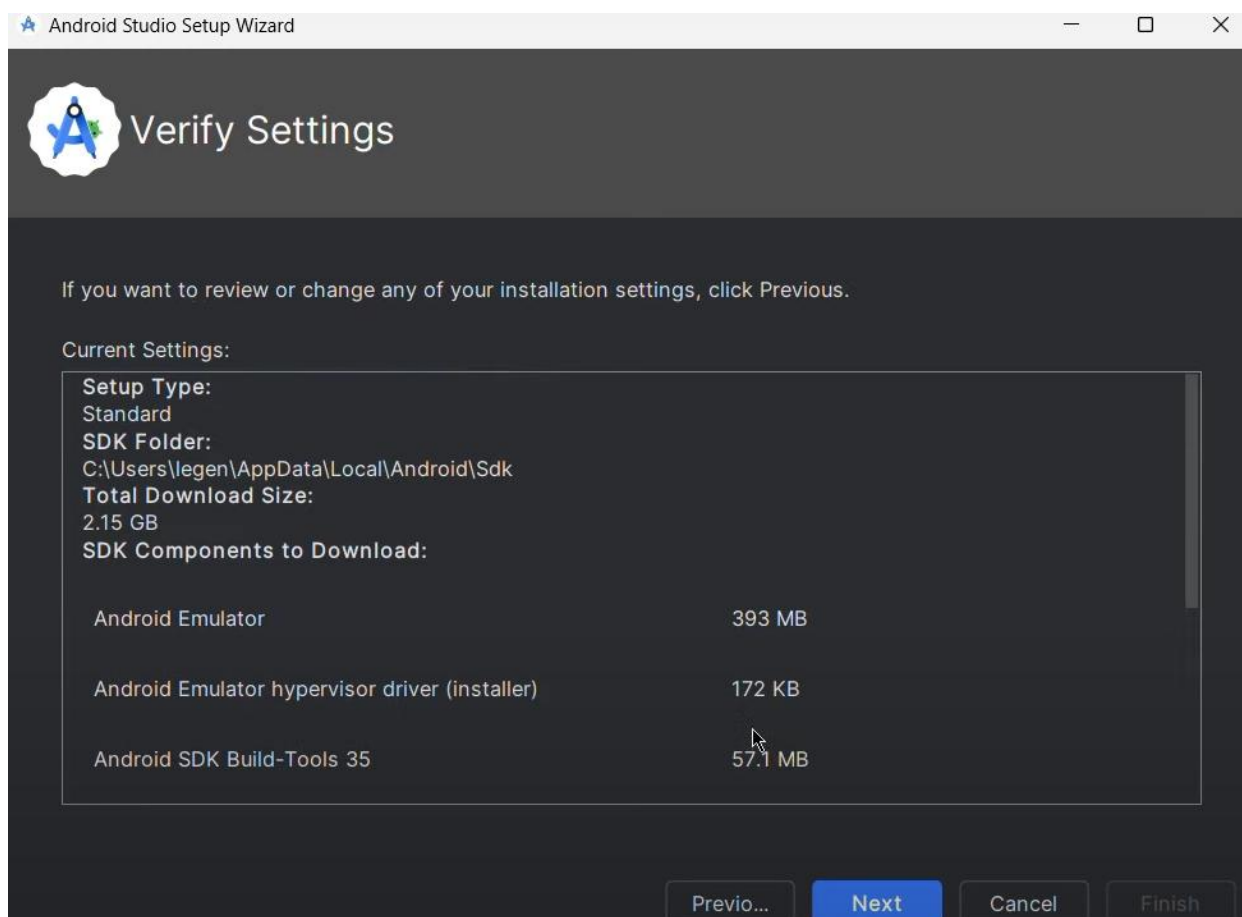
- After downloading the android studio this page come



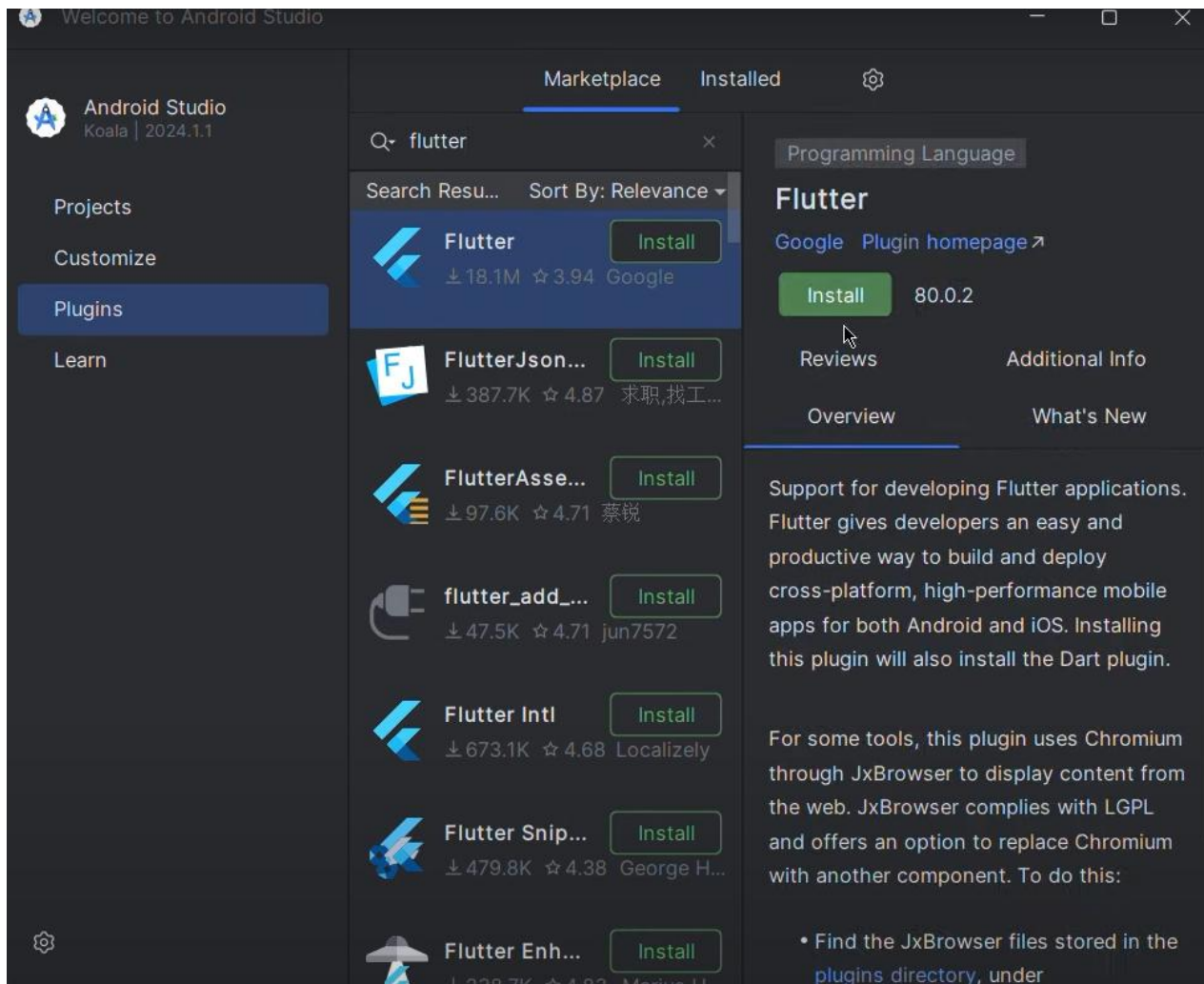
- Select Standard and click next



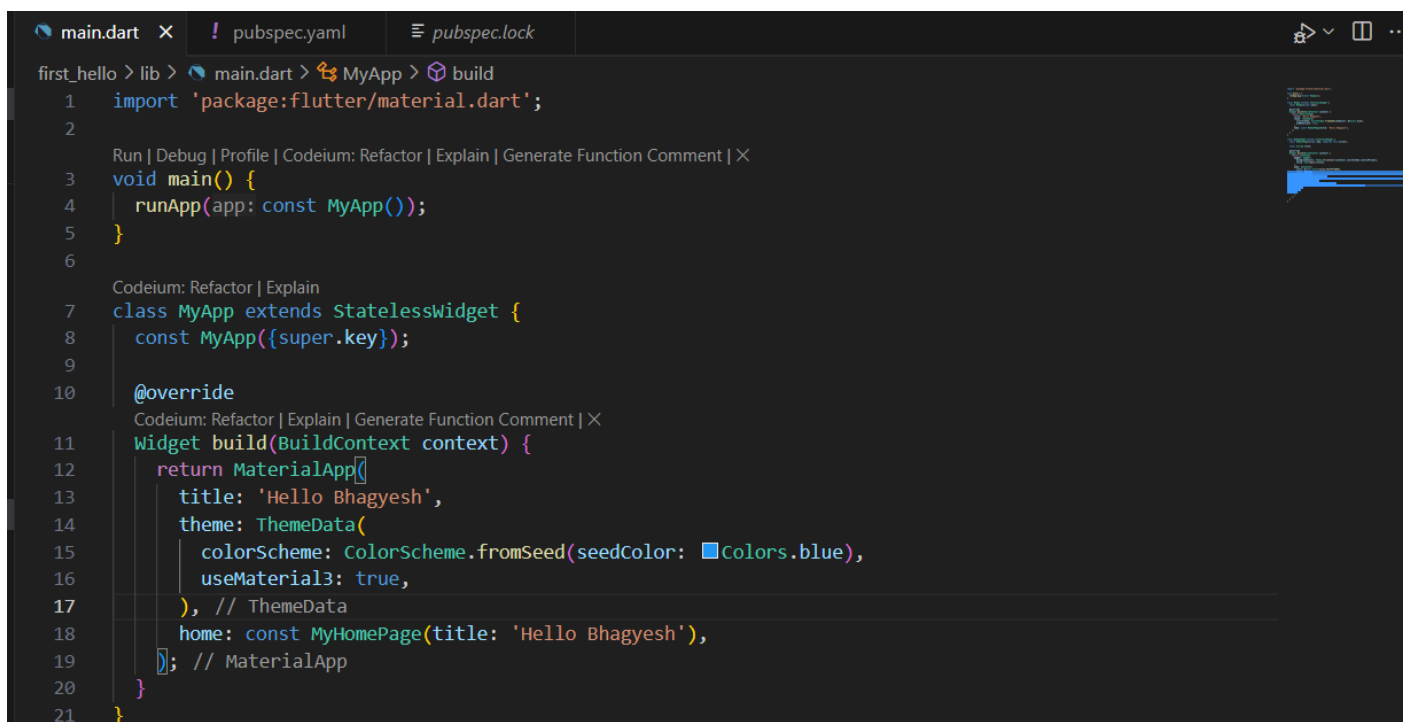
- Download the SDK and android emulator



- Install Plugin in android studio



Code:-



```

23 class MyHomePage extends StatelessWidget {
24   const MyHomePage({super.key, required this.title});
25
26   final String title;
27
28   @override
29   Widget build(BuildContext context) {
30     return Scaffold(
31       appBar: AppBar(
32         backgroundColor: Theme.of(context).colorScheme.inversePrimary,
33         title: Text(data: title),
34       ), // AppBar
35       body: Container(
36         color: const Color(value: 0xFFFF7590),
37         child: Center(
38           child: Text(
39             data: 'Hello Bhagyesh',
40             style: TextStyle(
41               fontSize: 32,
42               fontWeight: FontWeight.bold,
43               color: Color.fromARGB(a: 255, r: 32, g: 73, b: 194),
44             ), // TextStyle
45           ), // Text
46         ), // Center
47       ), // Container
48     ); // Scaffold
49   }
50 }

```

