**EXPERIMENT -1**

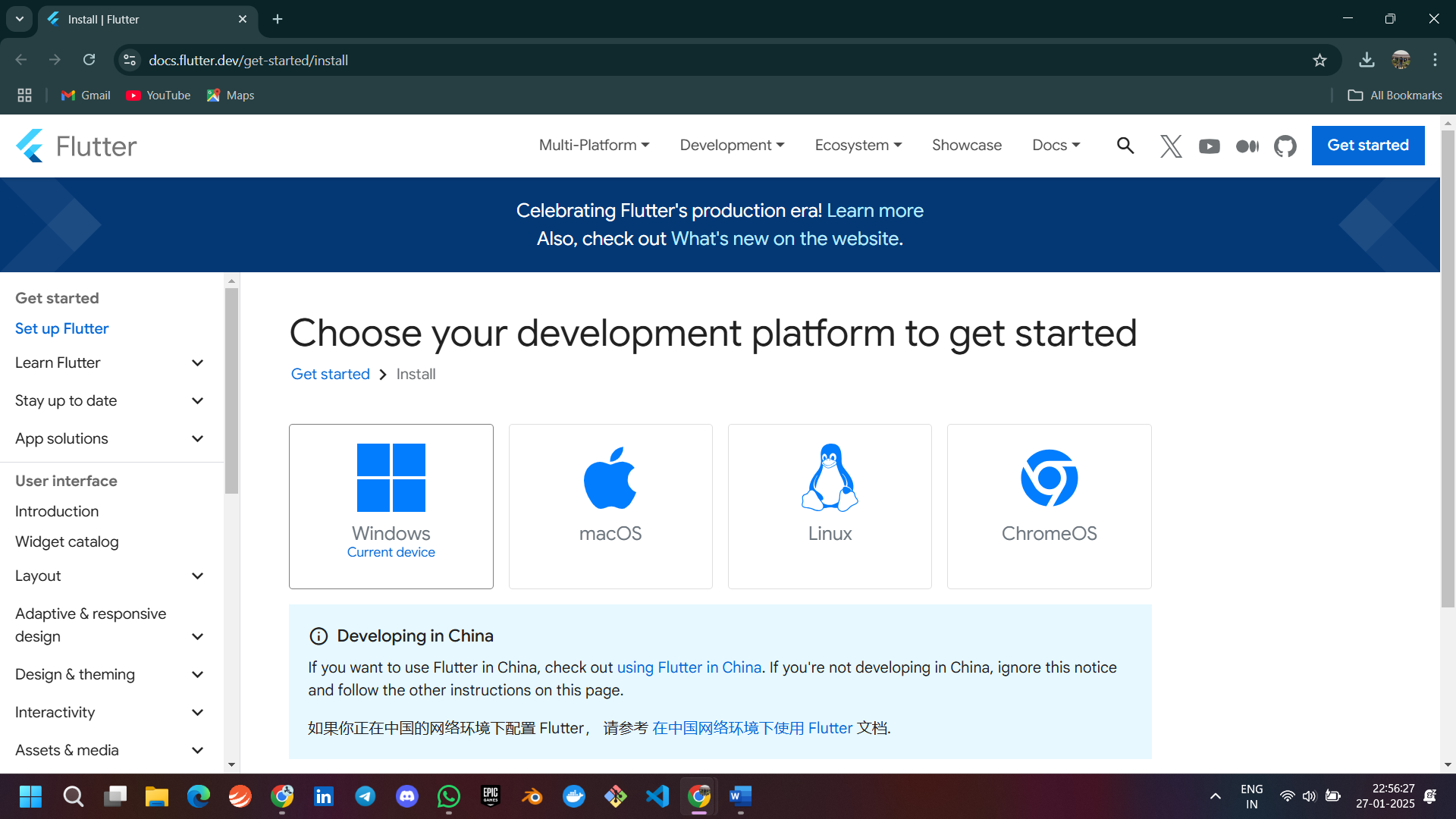
**NAME:** MANORATH ITAL

**CLASS:** D15A

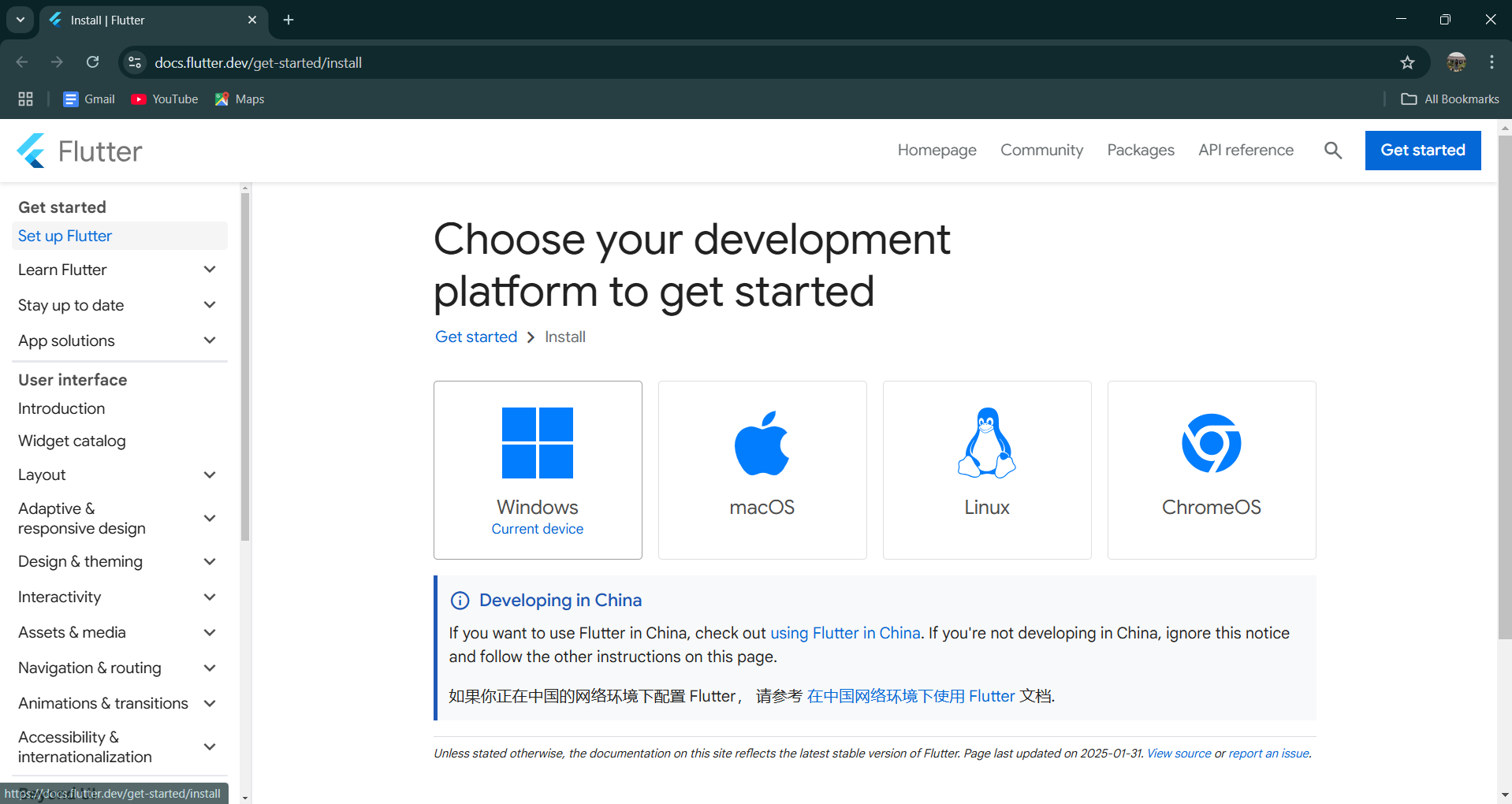
**ROLLNO:** 19

**AIM:** Installation and Configuration of Flutter Environment.

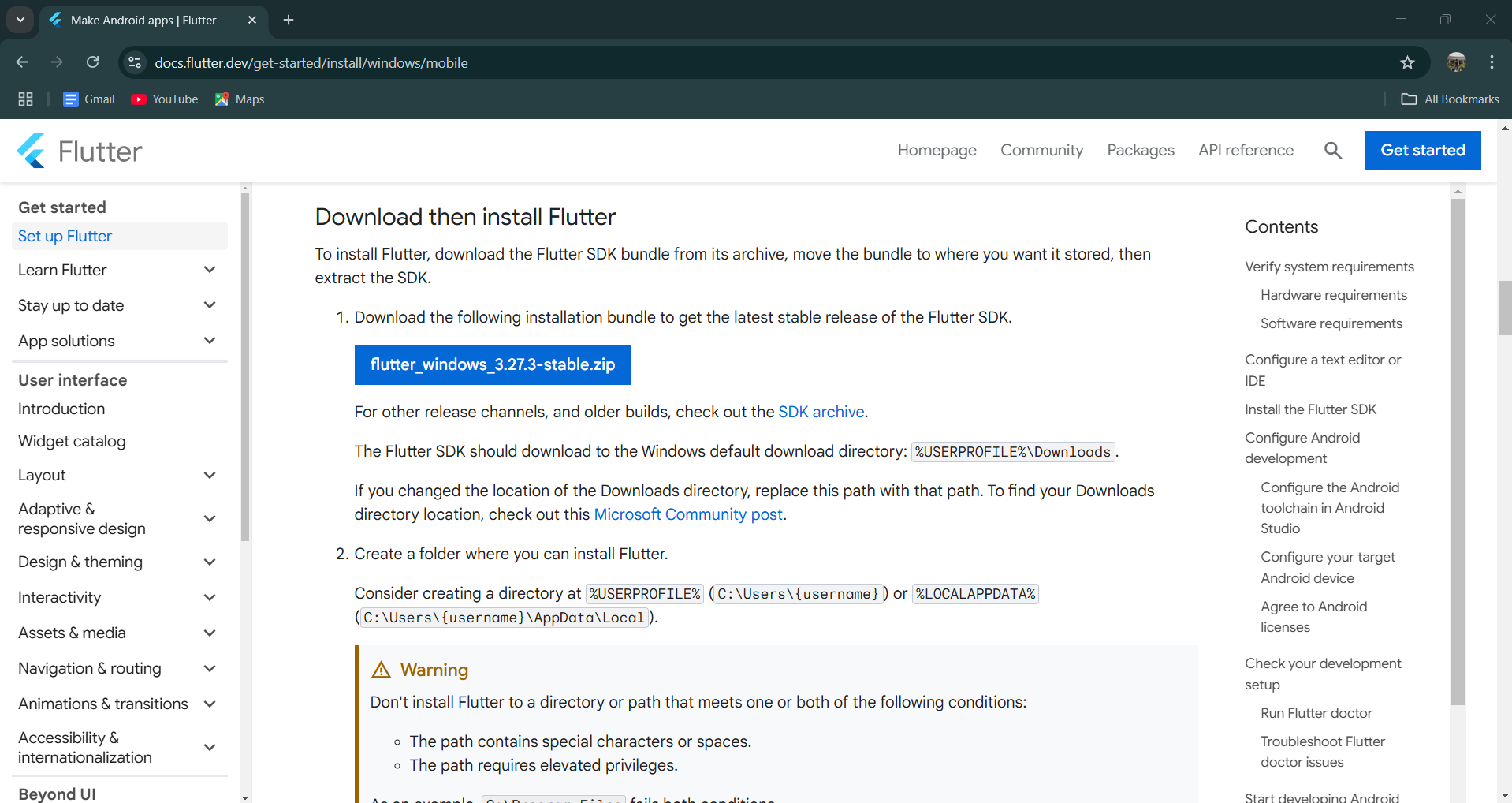
Step 1: Go to the official Flutter website: <https://docs.flutter.dev/get-started/install>



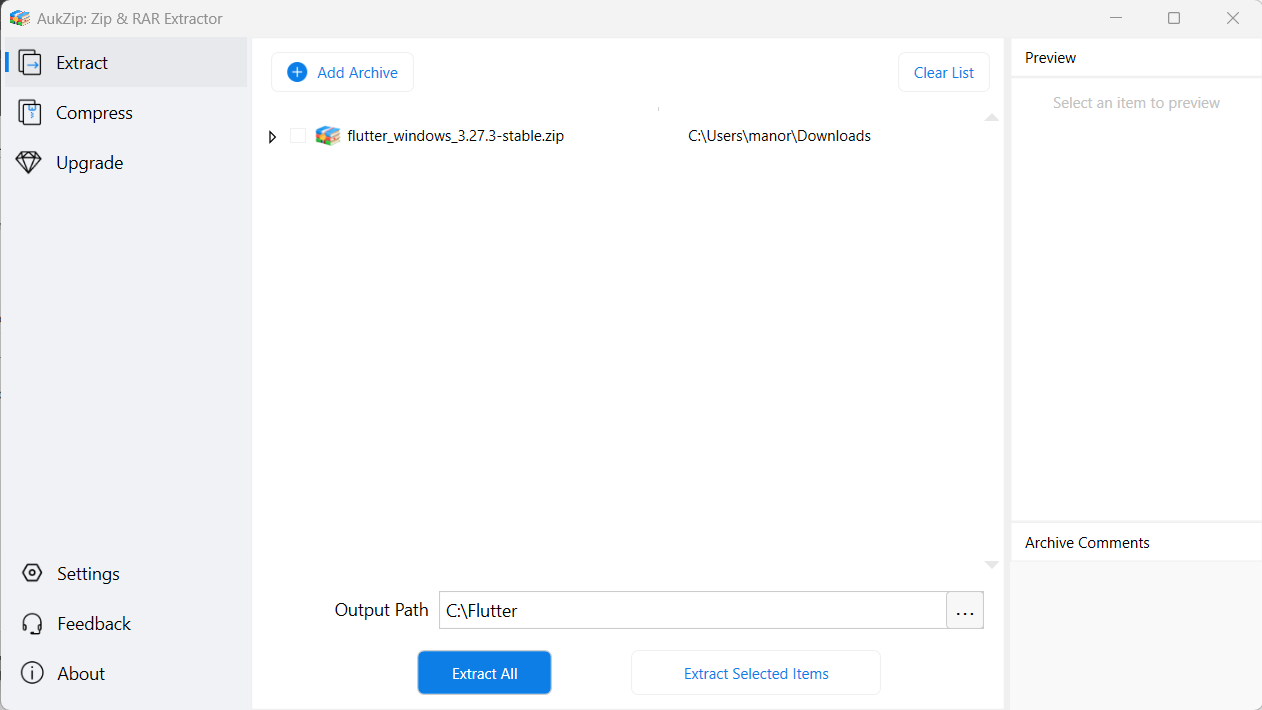
Step 2: To download the latest Flutter SDK, click on the Windows icon > Android

****

Step 3: For Windows, download the stable release (a .zip file).

****

Step 4: Extract the ZIP file to a folder (e.g., C:\flutter).

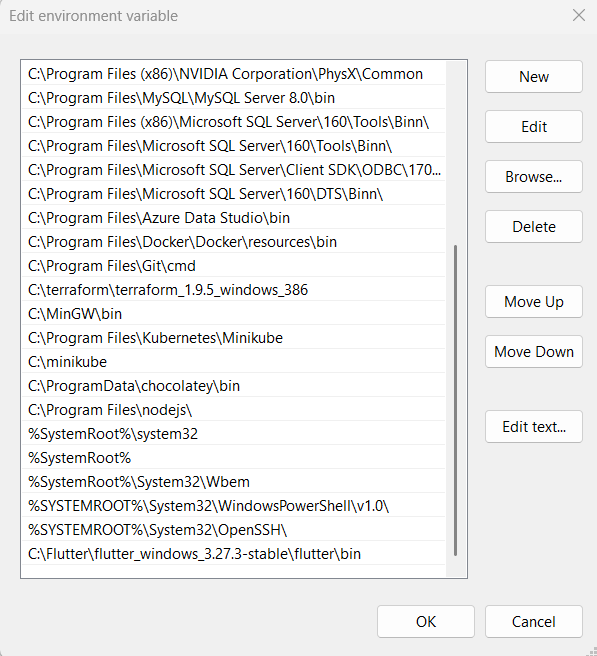
****

Step 5 :- Add Flutter to System PATH

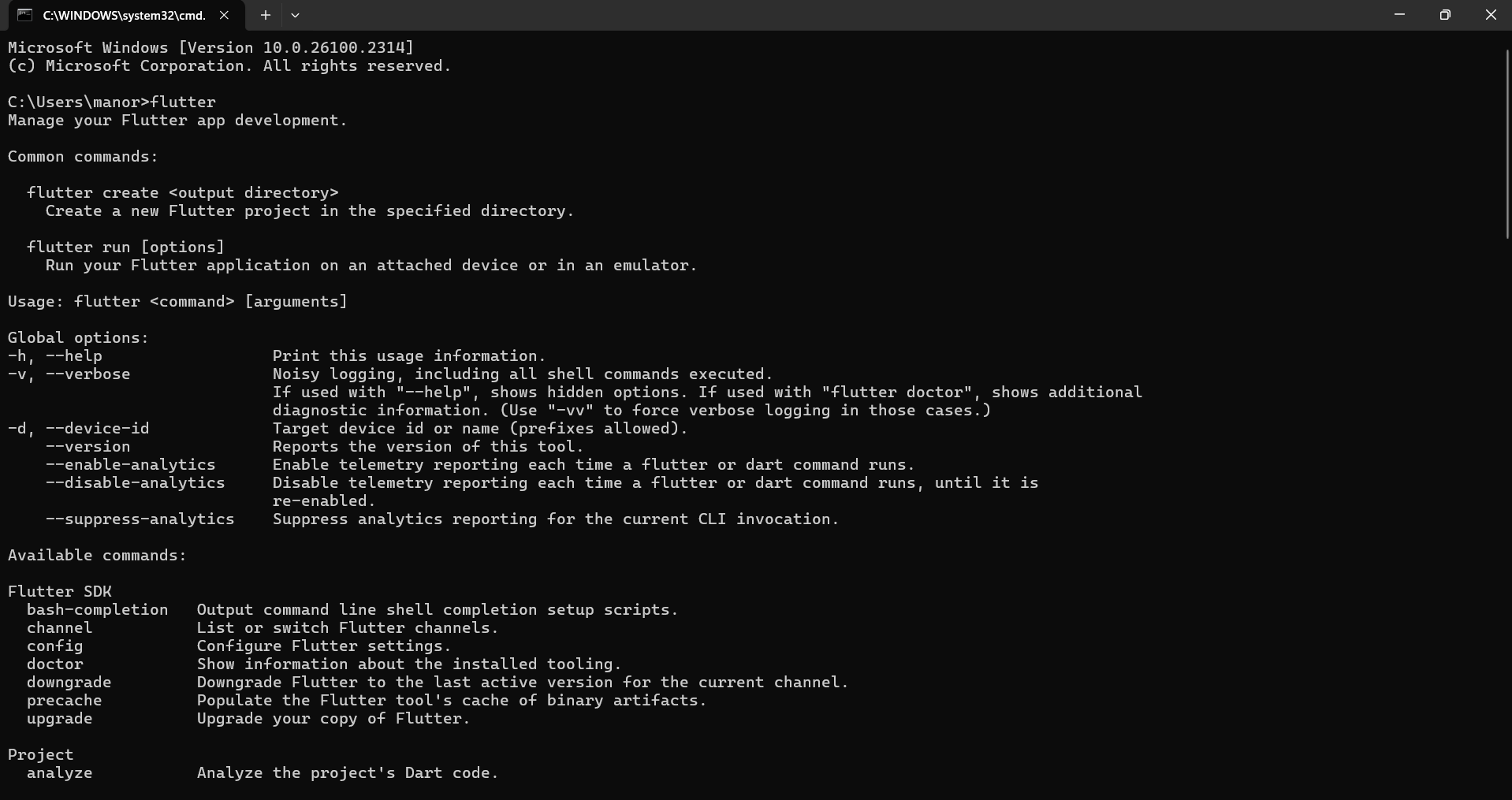
Right-click on the Start Menu > System > Advanced system settings > Environment Variables.

Under System Variables, find Path and click Edit.

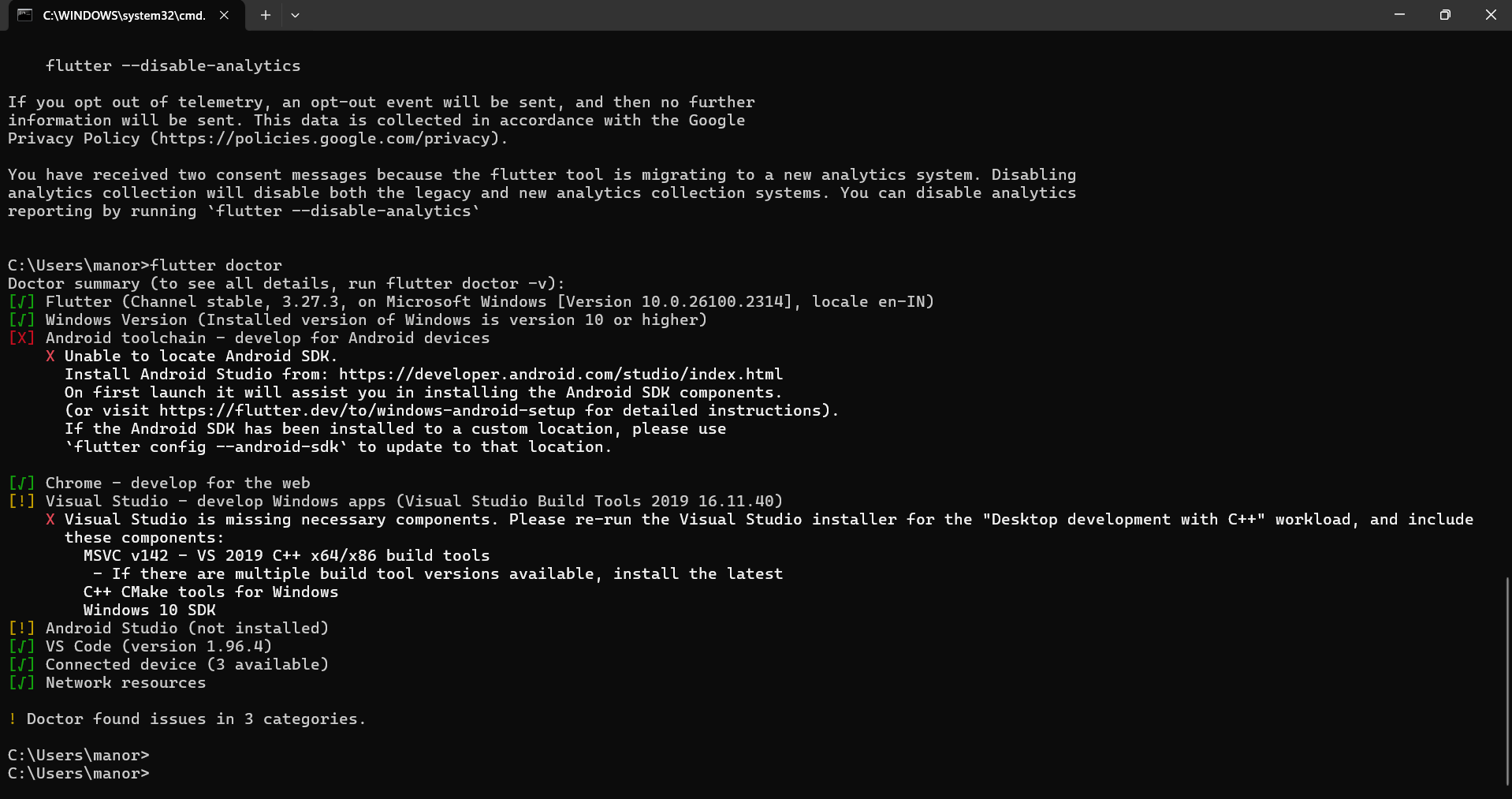
Add the full path to the flutter/bin directory (e.g., C:\flutter\bin).

****

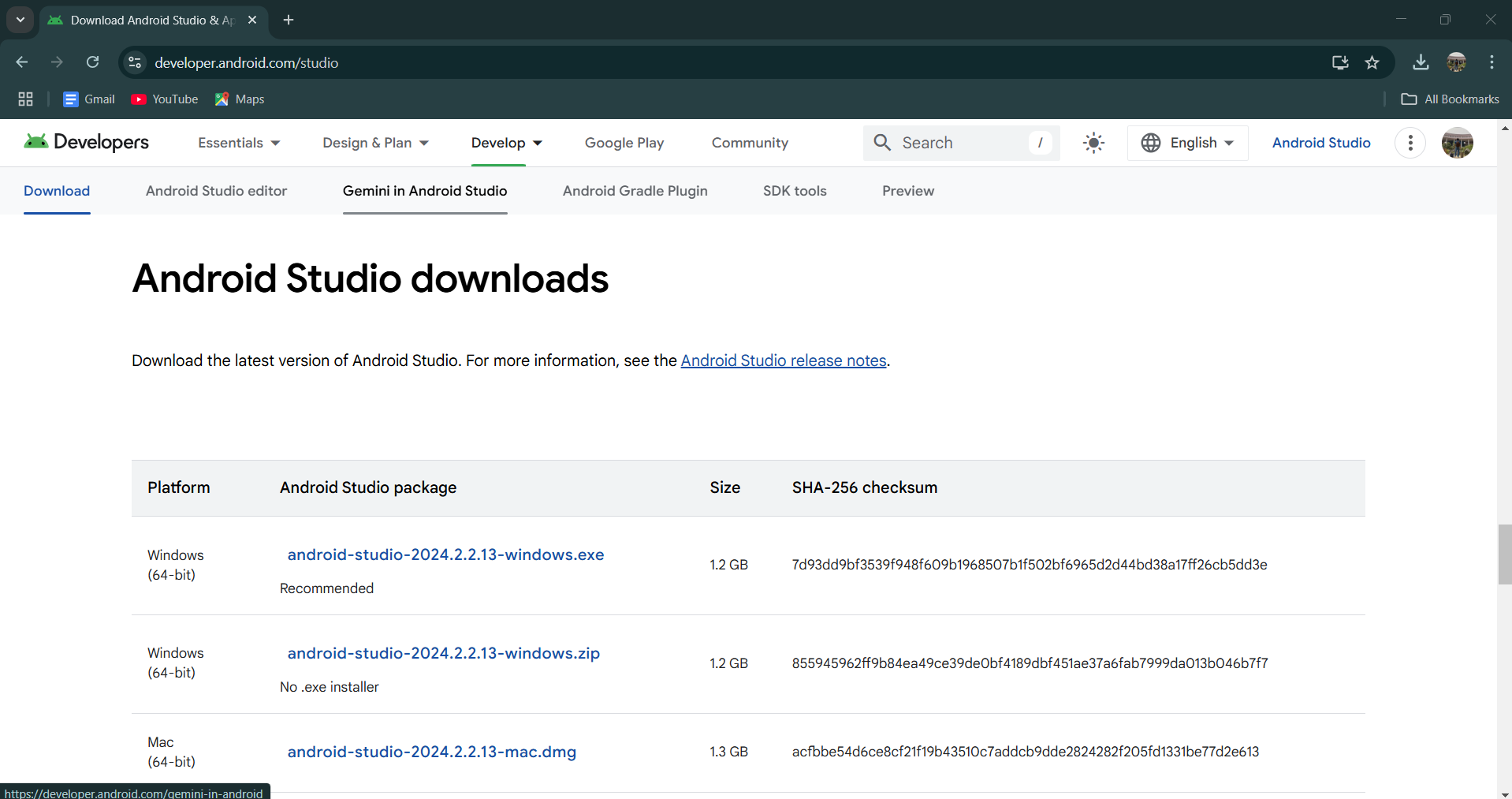
Step 6 : - Now, run the $ flutter command in command prompt.

****

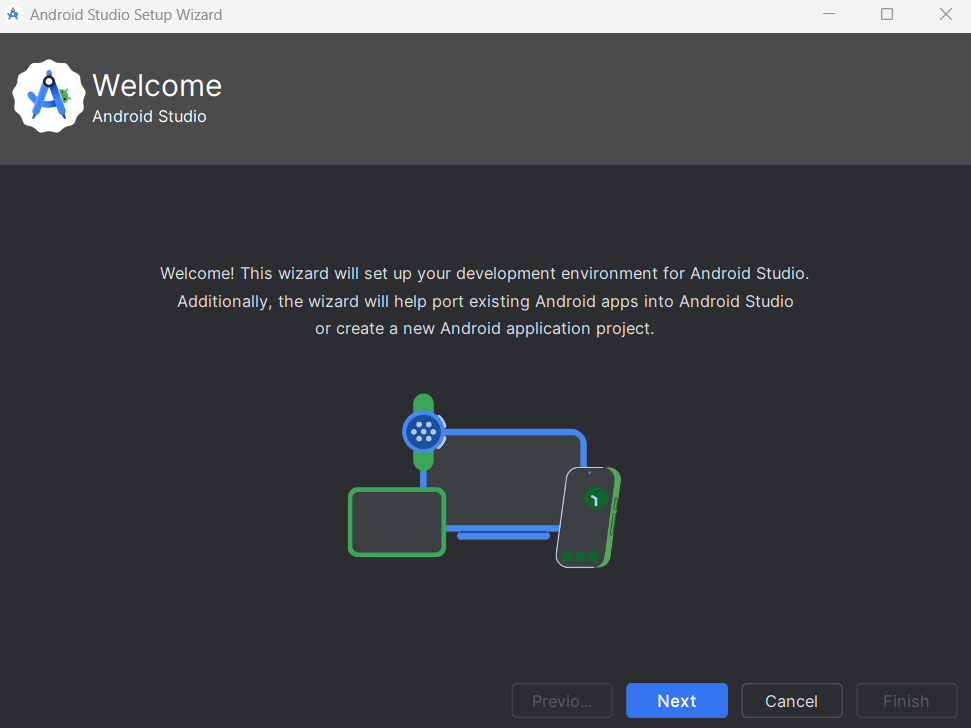
Step 7:- Run the $ flutter doctor command. This command checks for all the requirements of Flutter app development and displays a report of the status of your Flutter installation

****

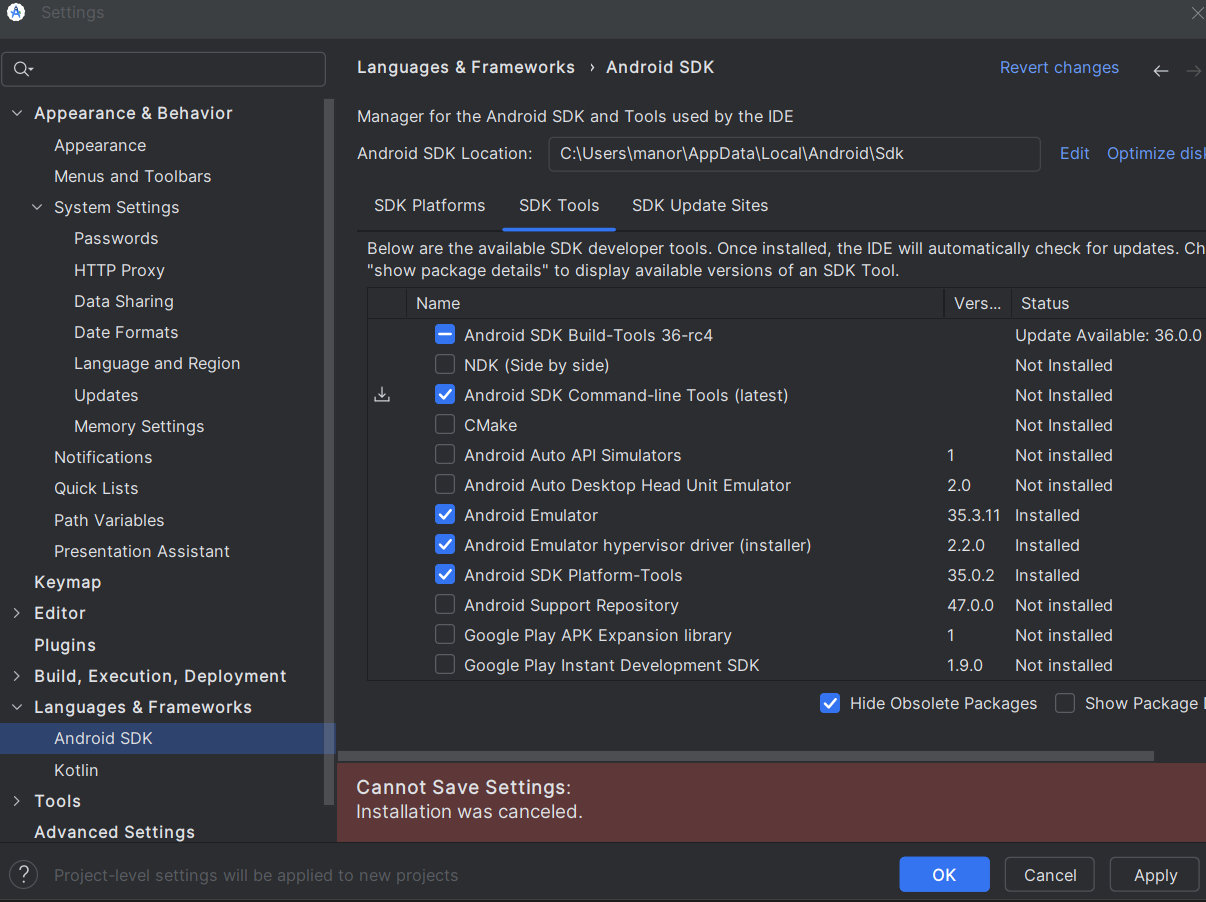
Step 8 : - Go to Android Studio and download the installer.

****

Step 9: - When the download is complete, open the .exe file and run it. Follow the steps of the installation wizard. Once the installation wizard completes, you will get the following screen.

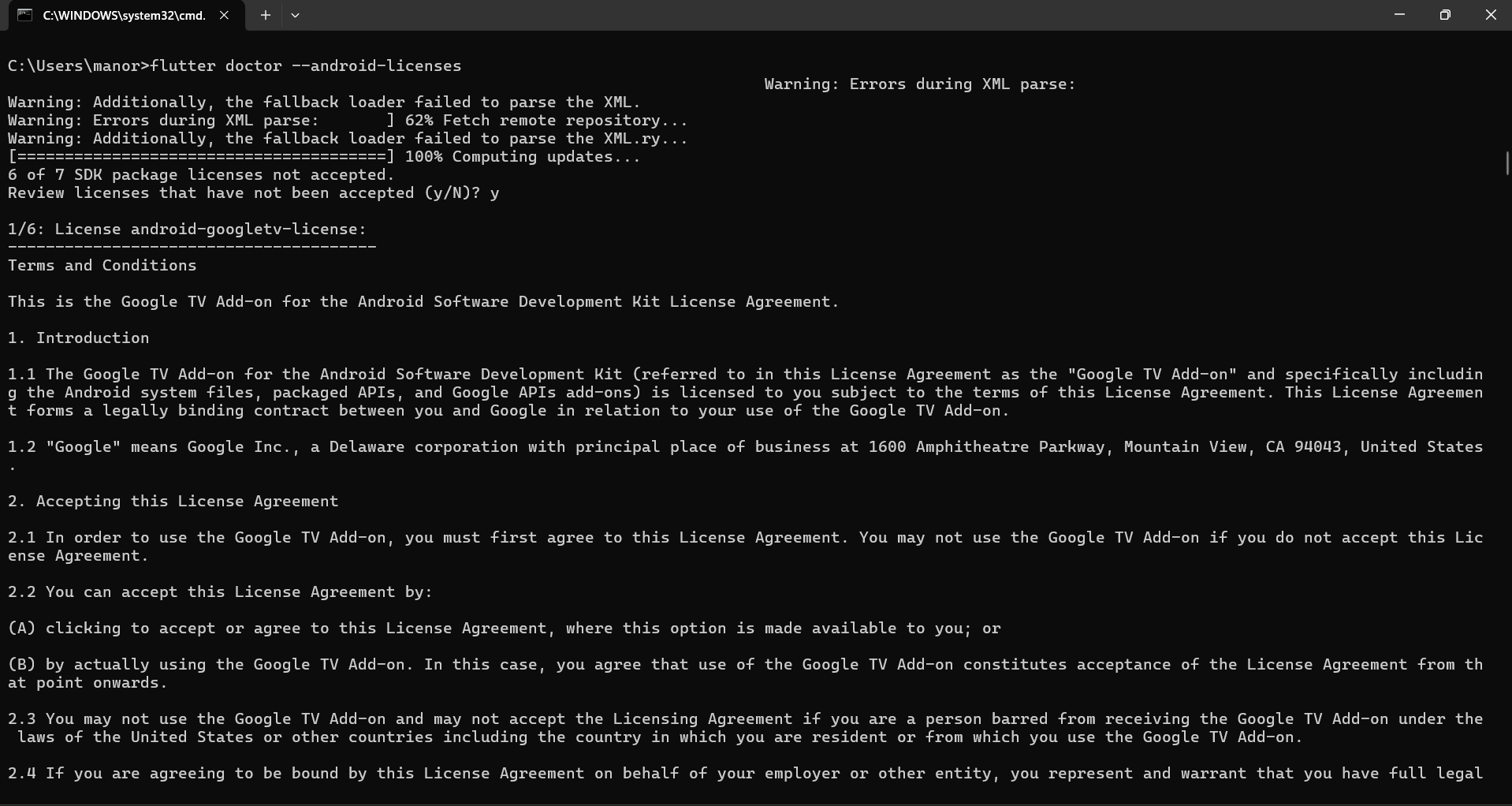
****

Step 10: - Go to Preferences > Appearance & Behavior > System Settings > Android SDK. Select the SDK Tools tab and check Android SDK Command-line Tools and Install it.

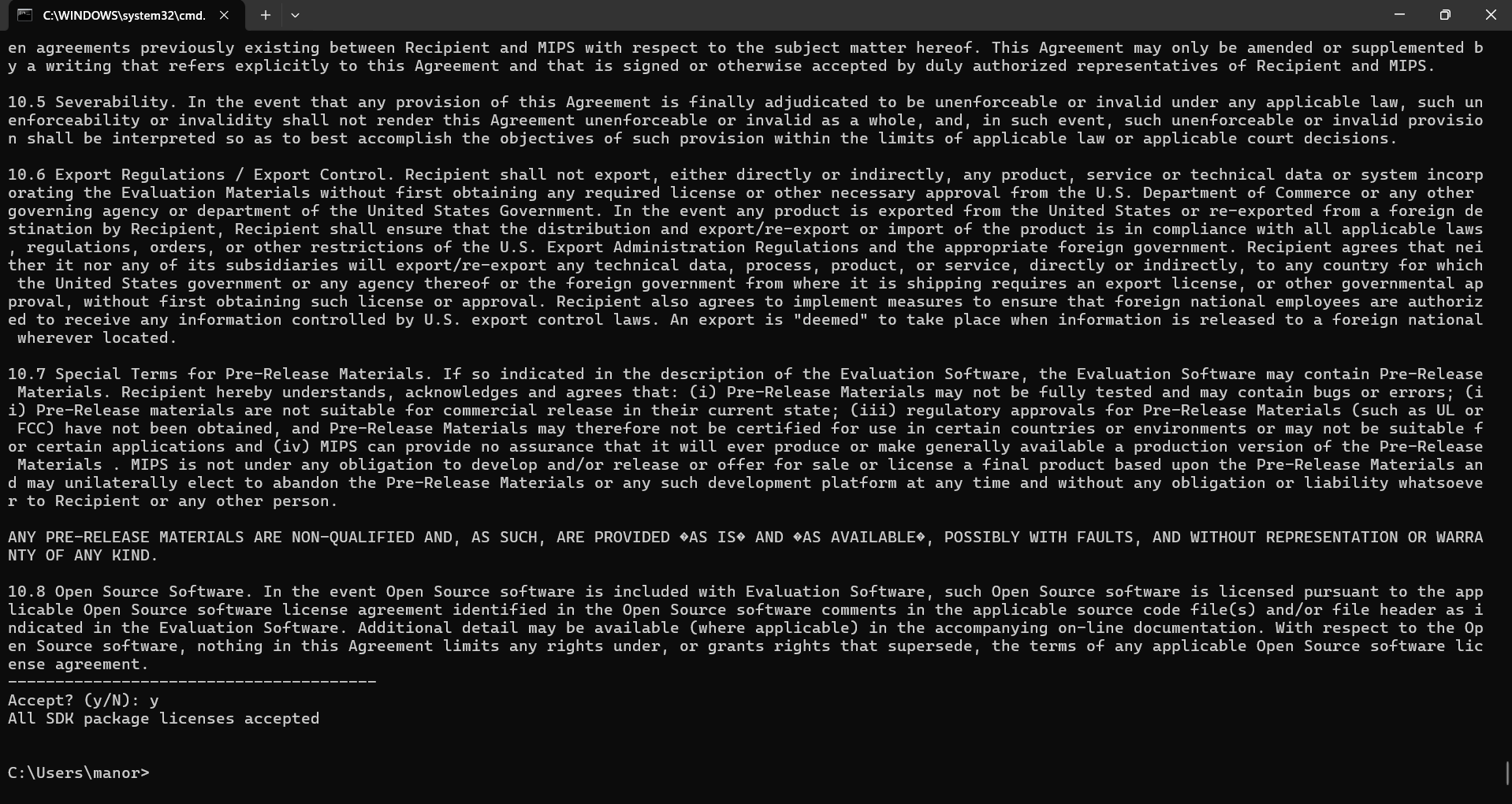
****

Step 9: - Open a terminal and run the following command

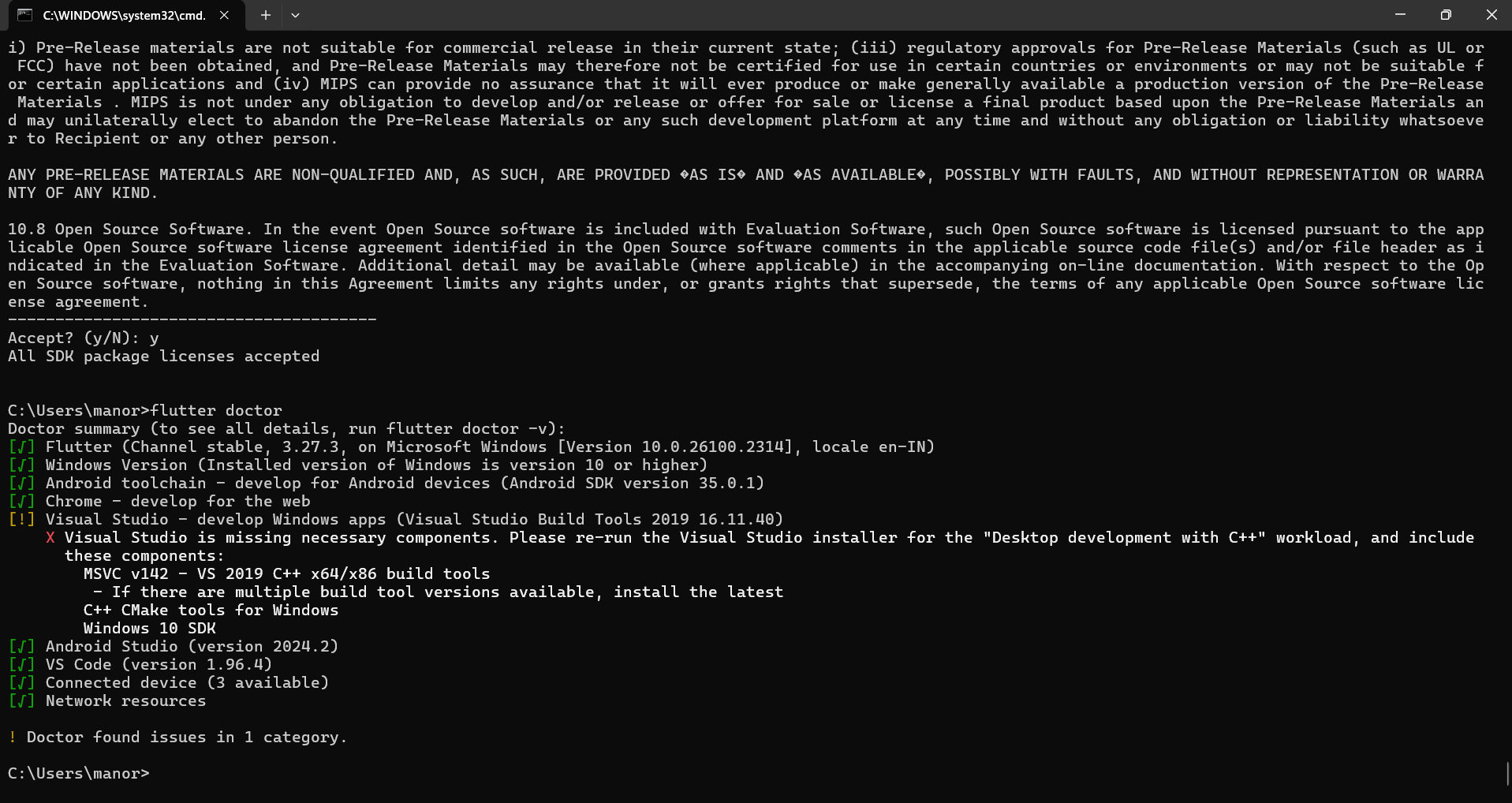
1)flutter doctor --android licenses

****

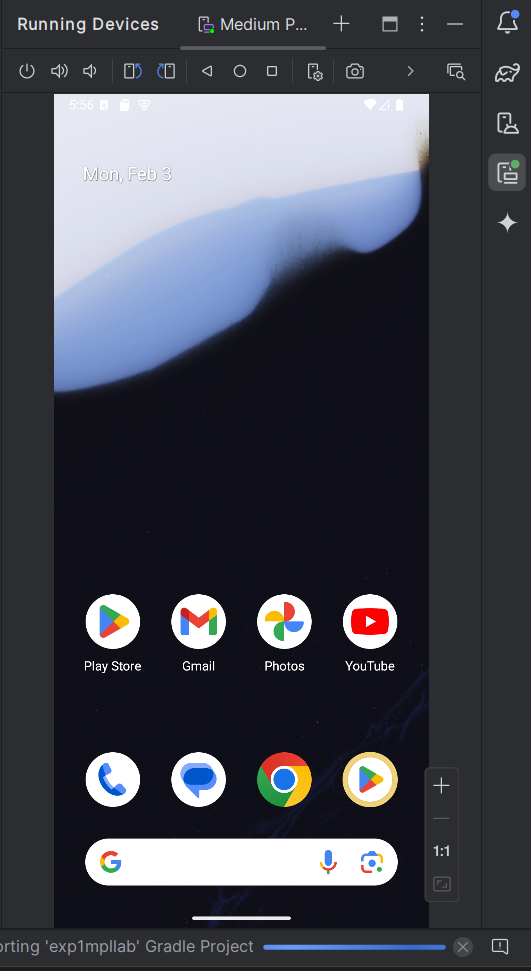
**Accept all the licenses**

****

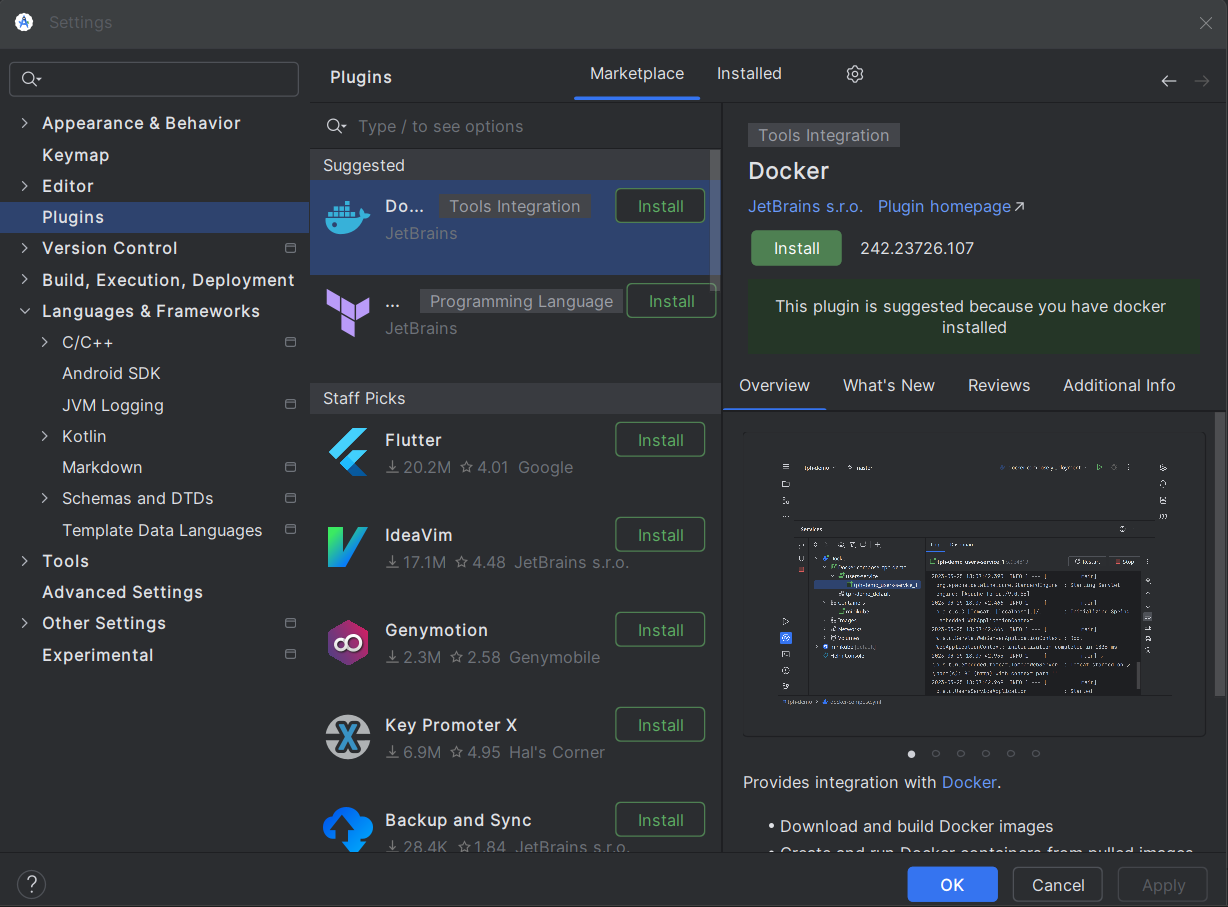
**2)flutter doctor**

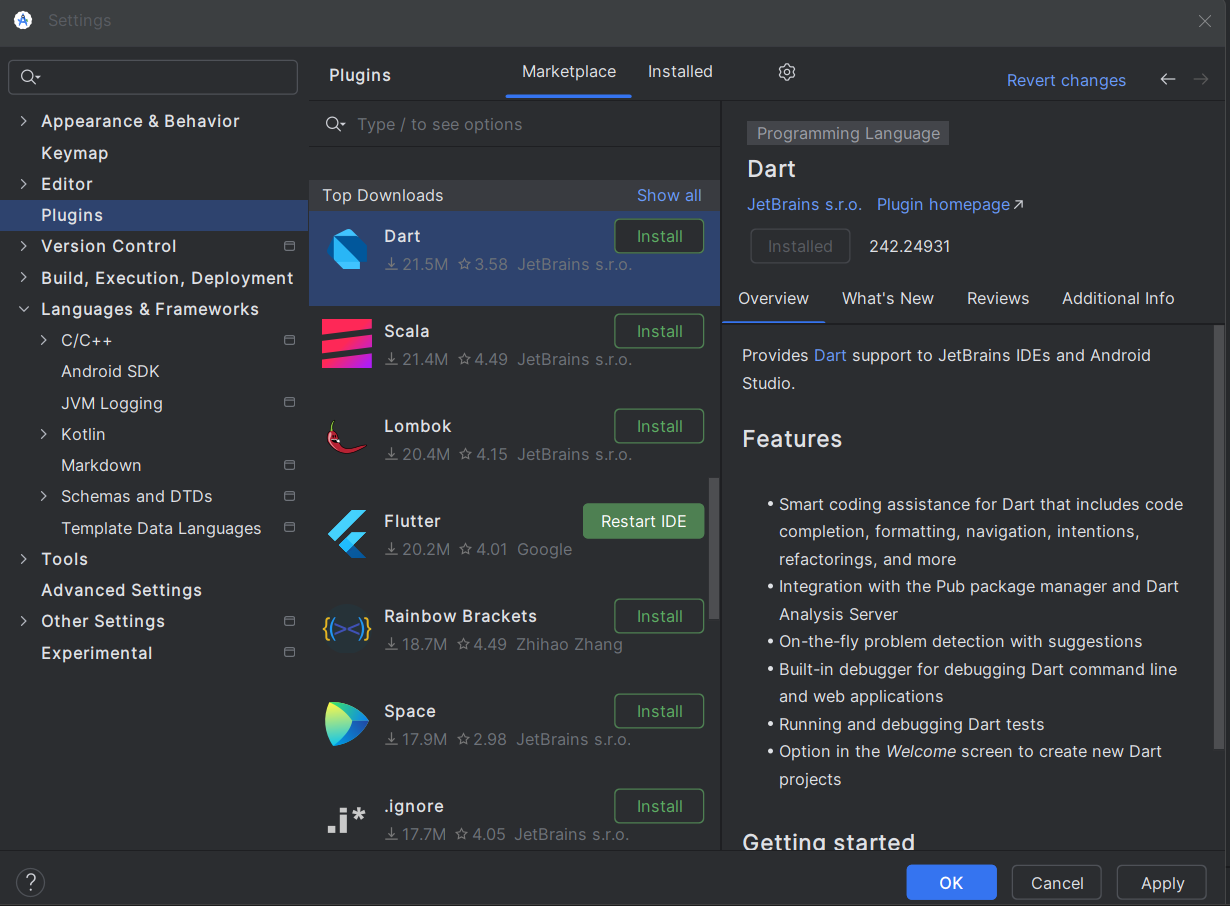
****

Step 10: - Next, you need to set up an Android emulator. It is responsible for running and testing the Flutter application

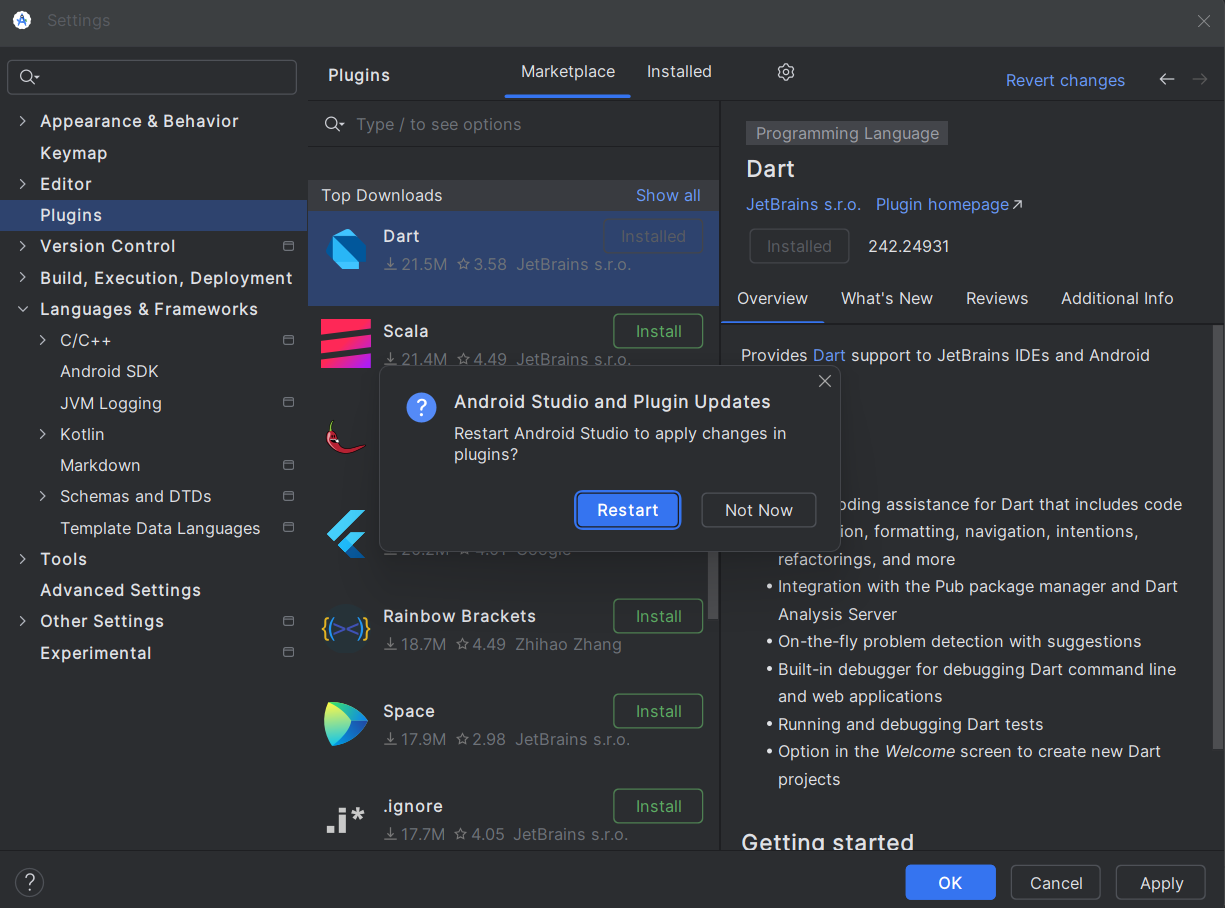
****

Step 11: - Now, install Flutter and Dart plugin for building Flutter application in Android Studio. These plugins provide a template to create a Flutter application, give an option to run and debug Flutter application in the Android Studio itselfOpen the Android Studio and then go to File->Settings->Plugins. Now, search the Flutter plugin. If found, select Flutter plugin and click install

****

****

Step 12: - Restart the Android Studio



Step 13: - Go to File > New Project > Create Flutter Project, then select the project name and location, and click Next to proceed.

