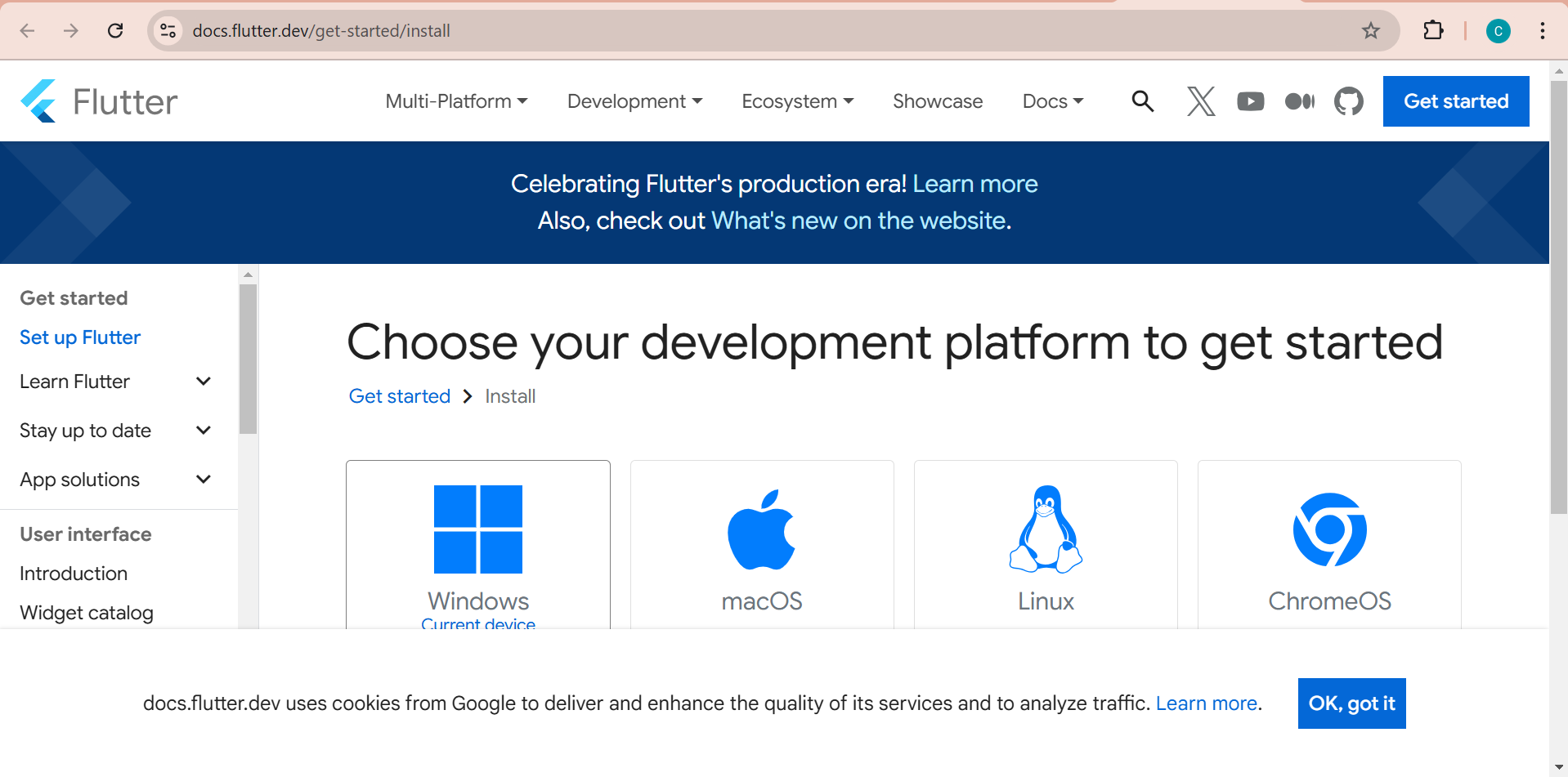
**AIM: - Installation and Configuration of Flutter Environment.**

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

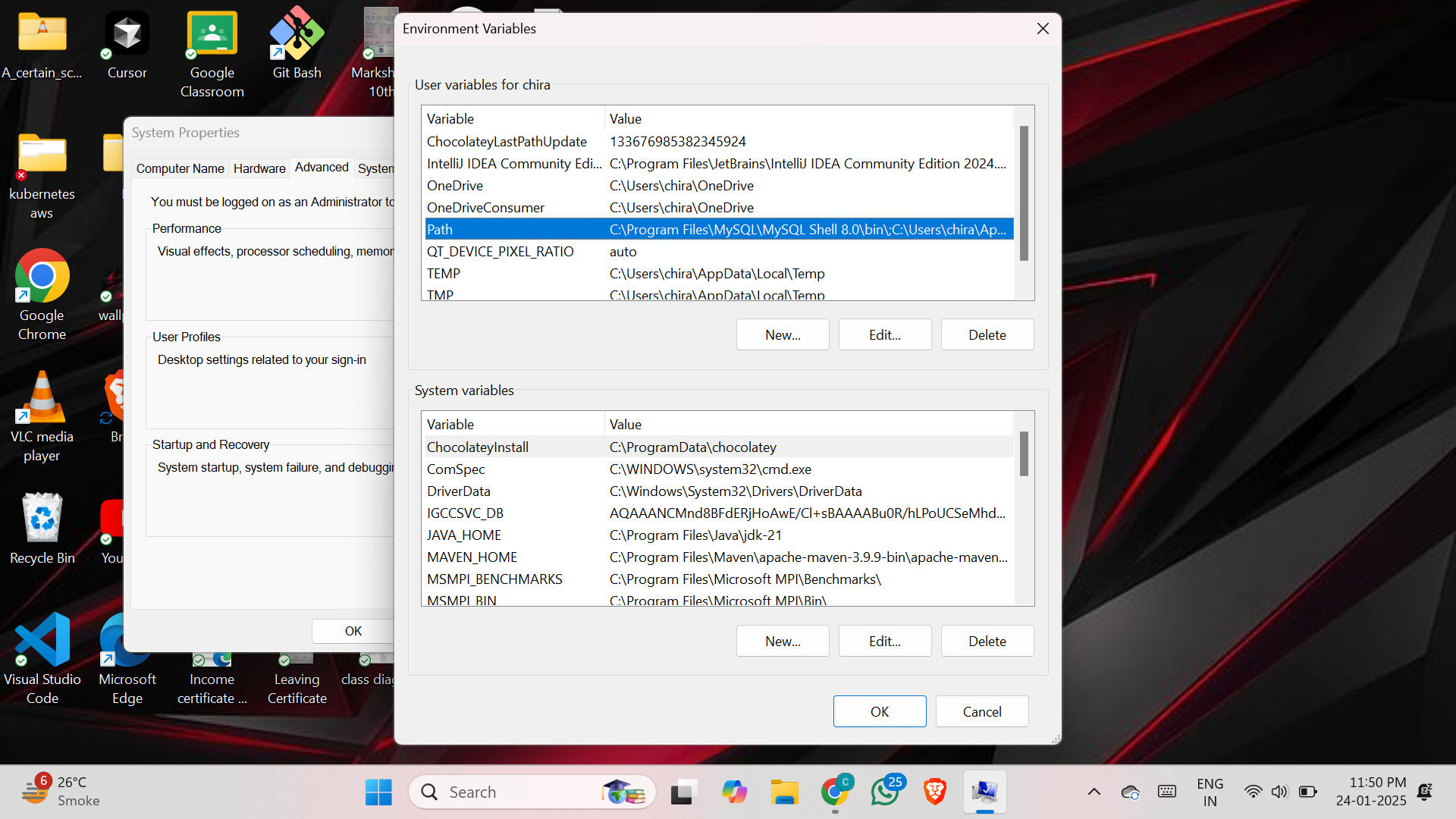
Step 2: To download the latest Flutter SDK, click on the Windows icon > Android

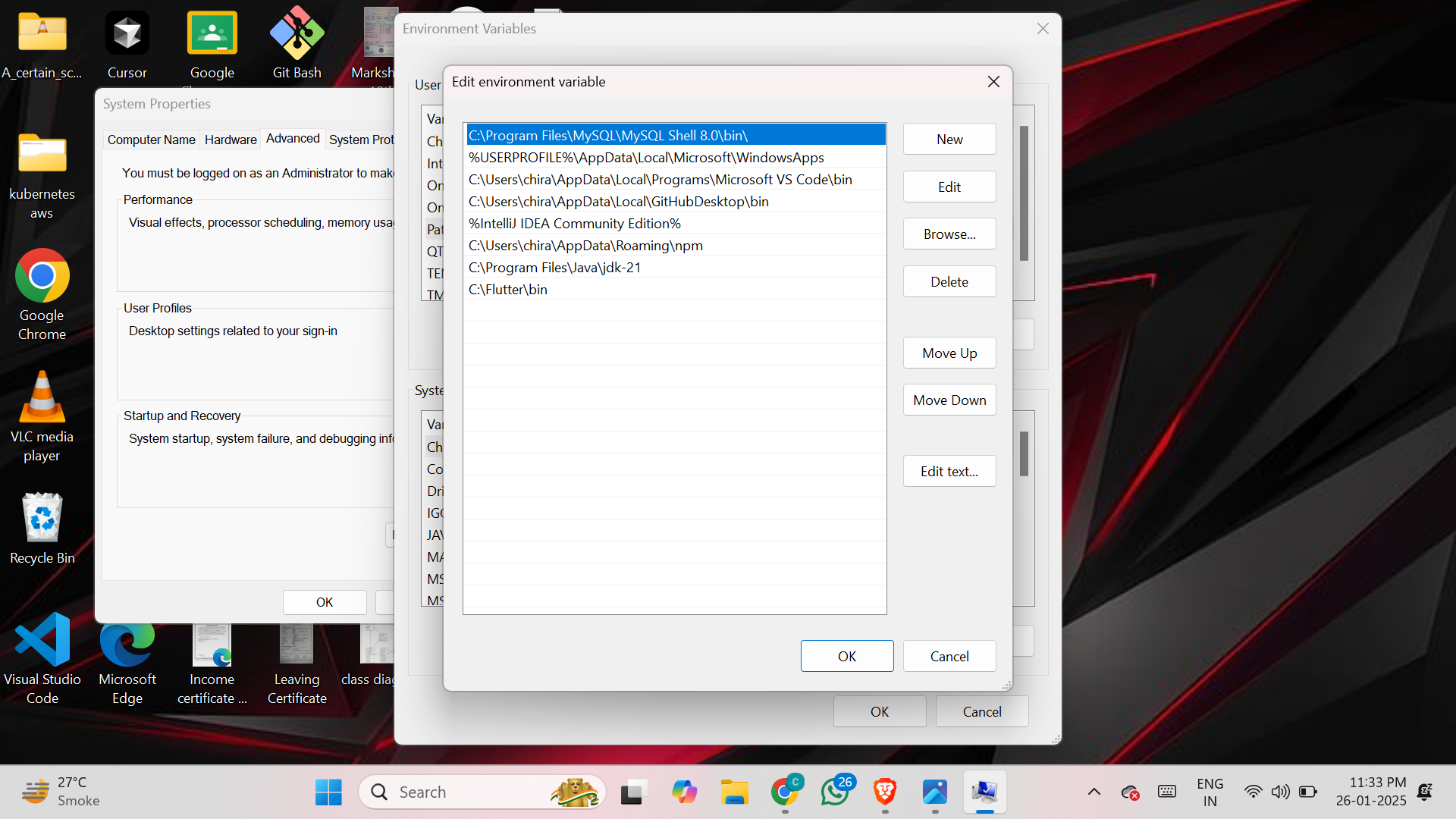
Step 3: For Windows, download the stable release (a .zip file).

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

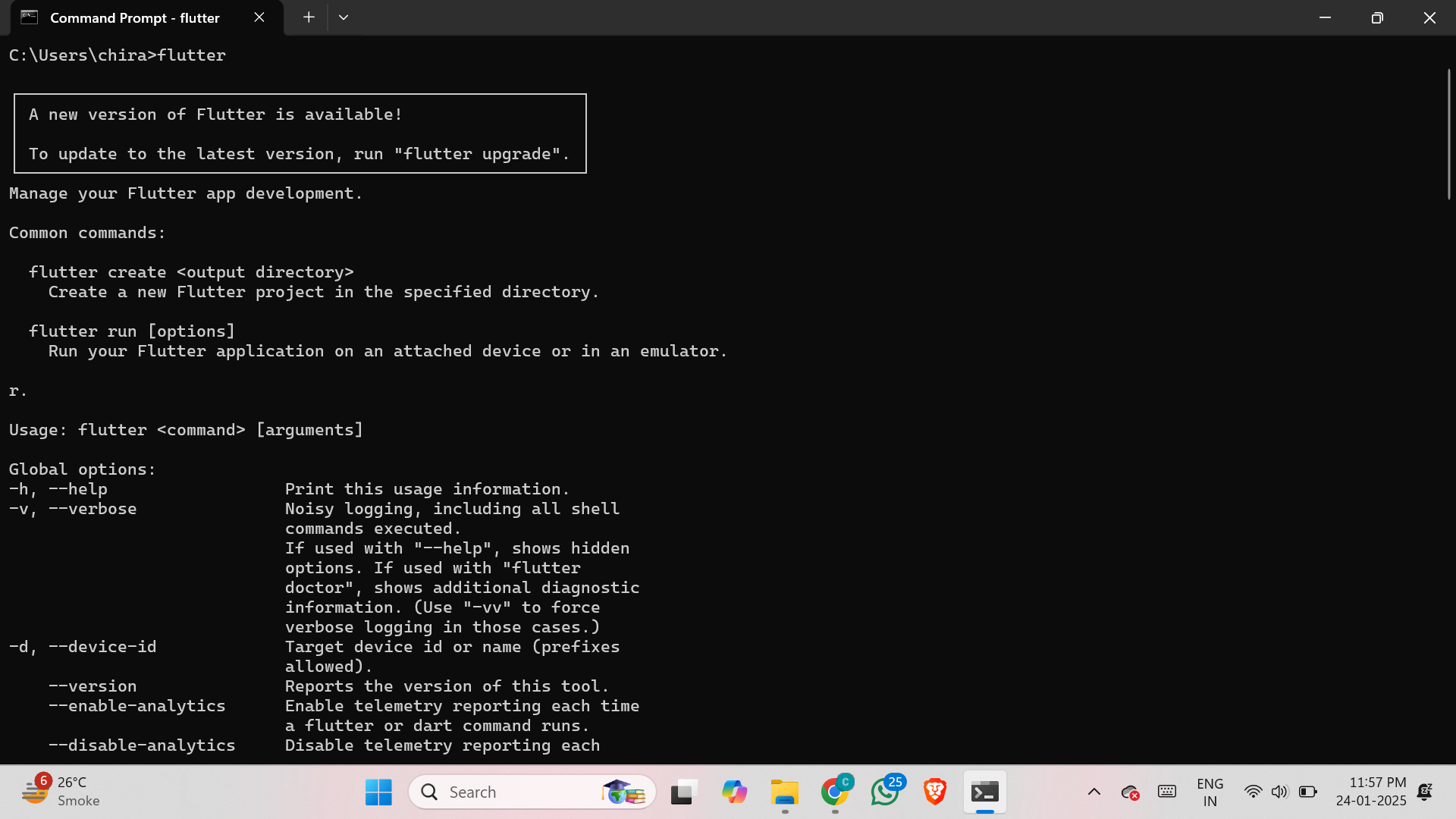


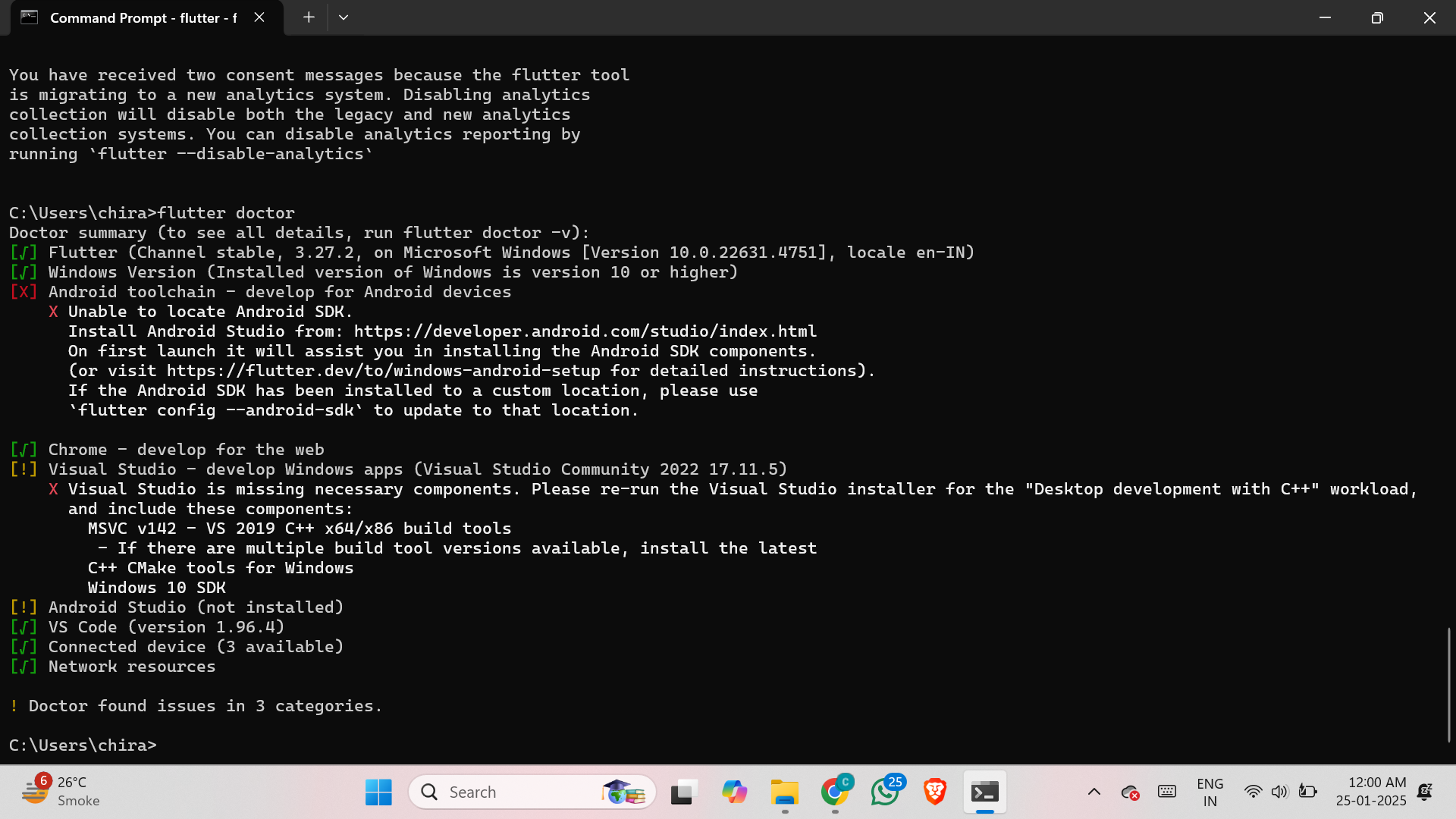
Step 5 :- Add Flutter to System PATH Right-click on the Start Menu > System > Advanced system settings > Environment Variables. Under System Variables, find Path and click Edit. Add the full path to the flutter/bin directory (e.g., C:\flutter\bin).





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



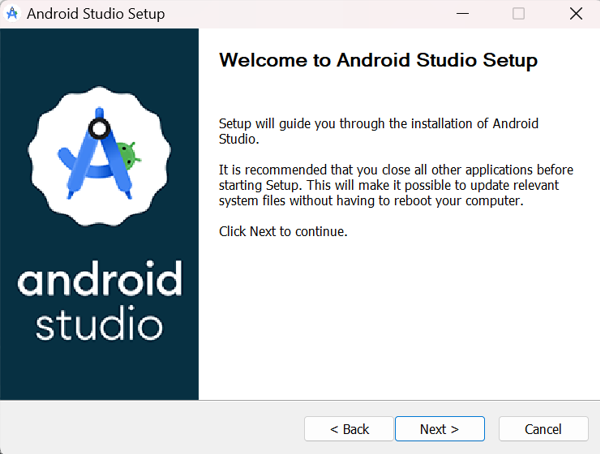


Step 7:- Run the $ flutter doctor command. This command checks for all the requirements of Flutter app development and displays a report of the status of your Flutter installation

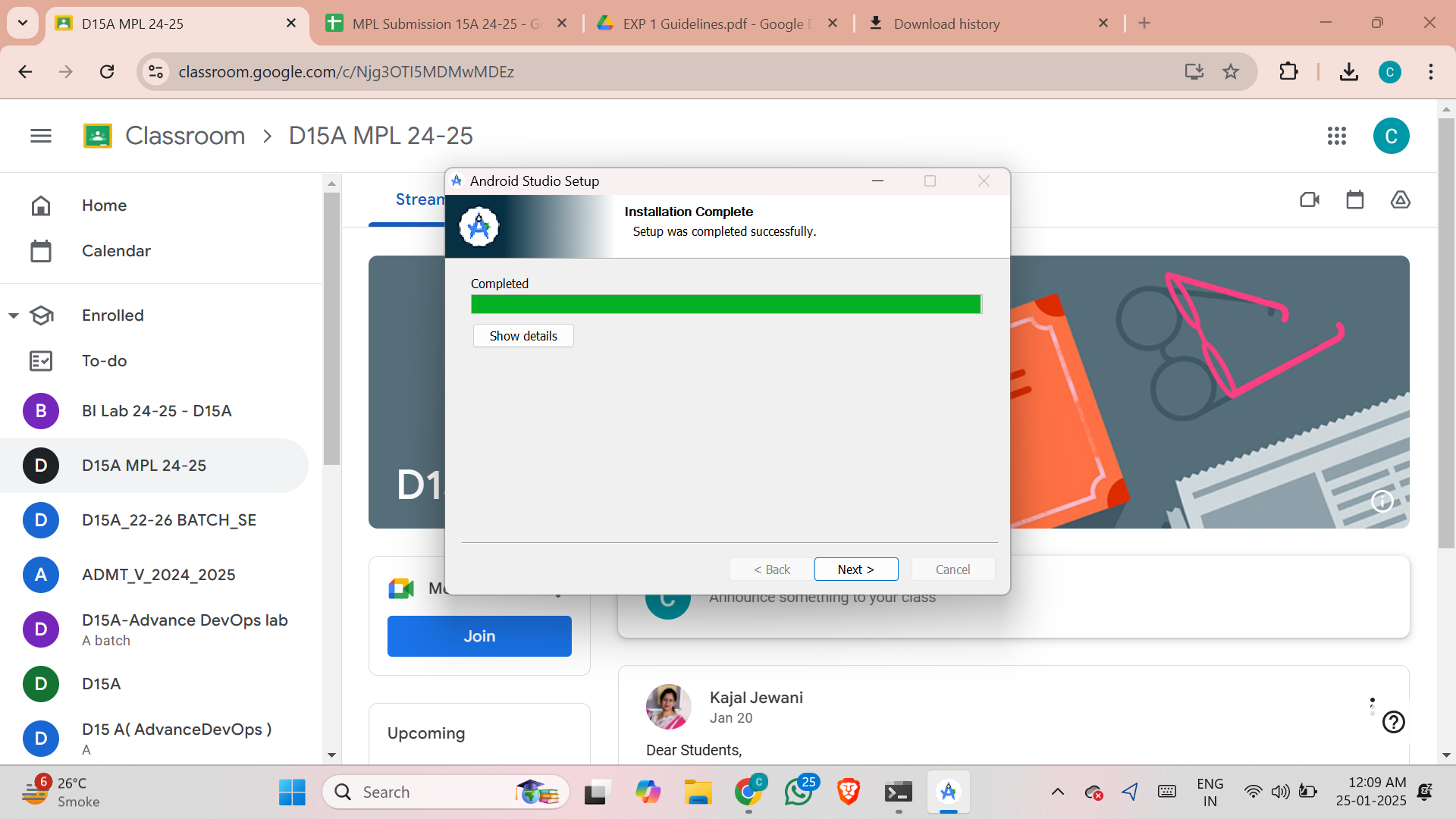
Step 8 : - Go to Android Studio and download the installer

Step 8.1: - When the download is complete, open the .exe file and run it. You will get the following dialog box

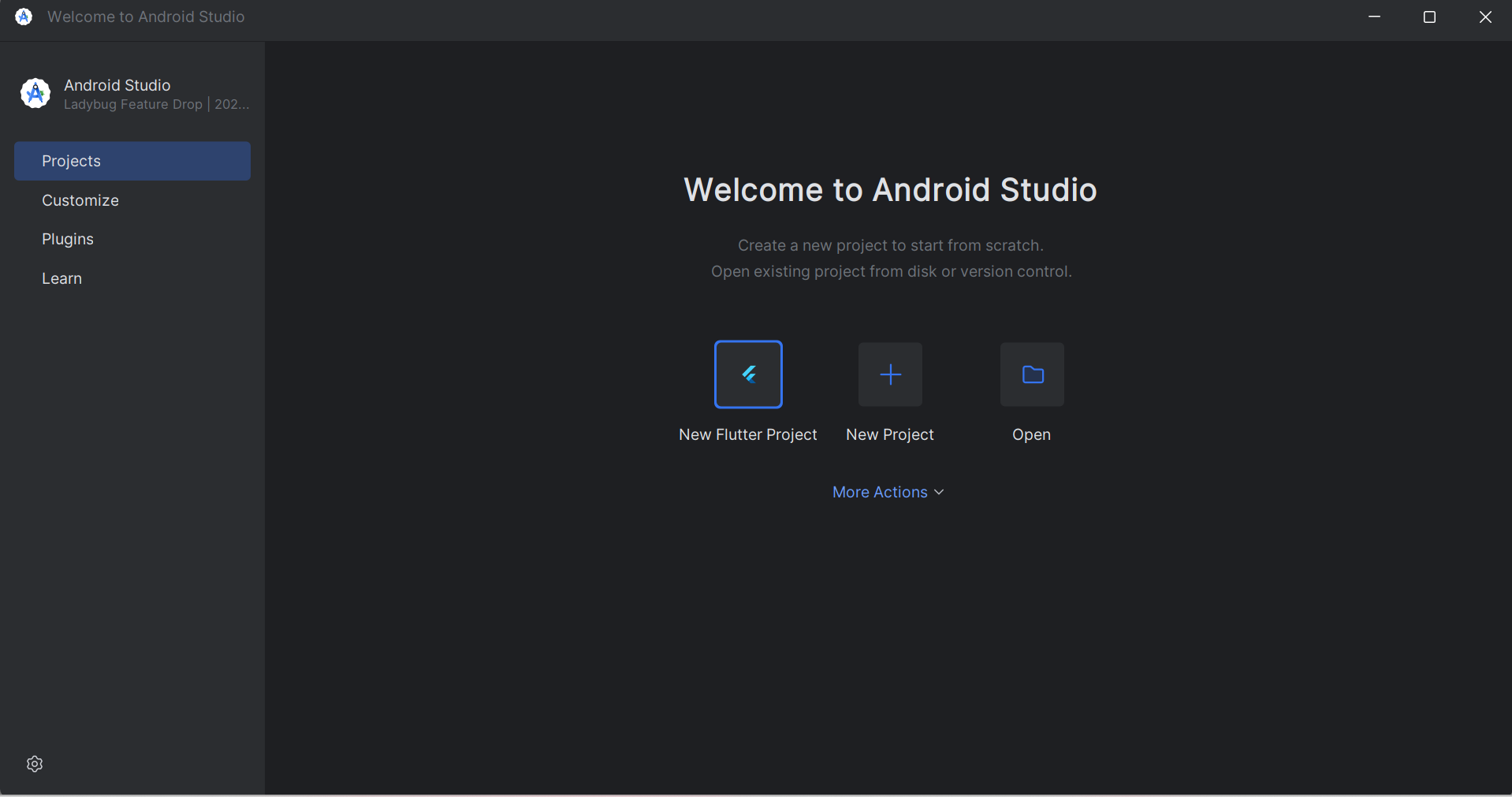
Step 8.2: - Select all the Checkboxes and Click on ‘Next’ Button.



Step 8.3: - Change the destination as per your convenience and click on ‘Next’ Button.

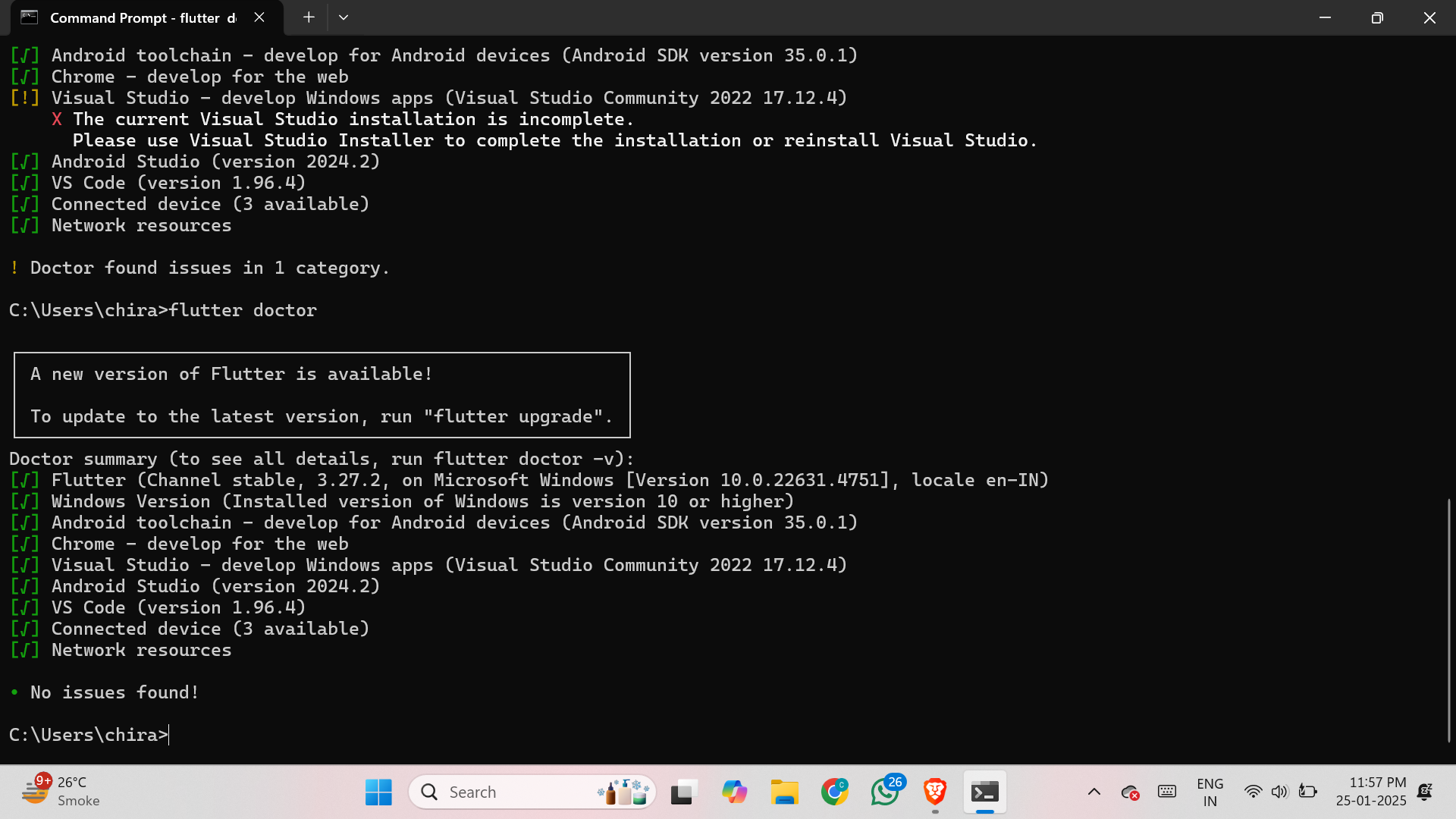


Step 8.4: - Follow the steps of the installation wizard. Once the installation wizard completes, you will get the following screen.



Step 8.5: - Go to Preferences > Appearance & Behavior > System Settings > Android SDK. Select the SDK Tools tab and check Android SDK Command-line Tools and Install it.

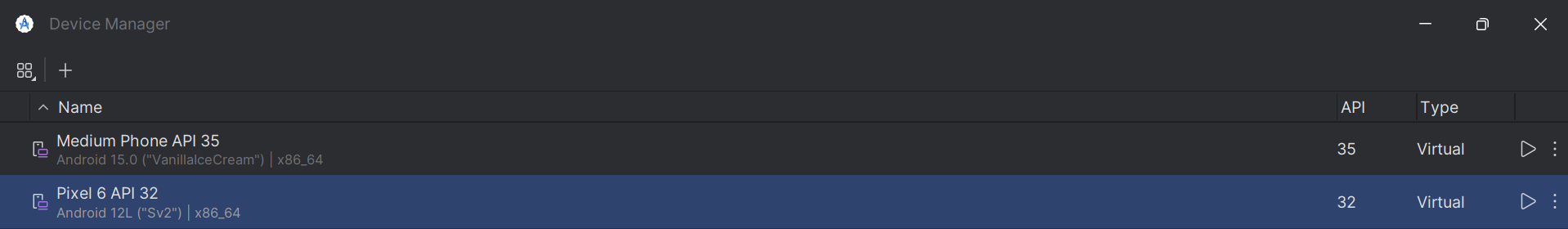
Step 9: - Open a terminal and run the following command

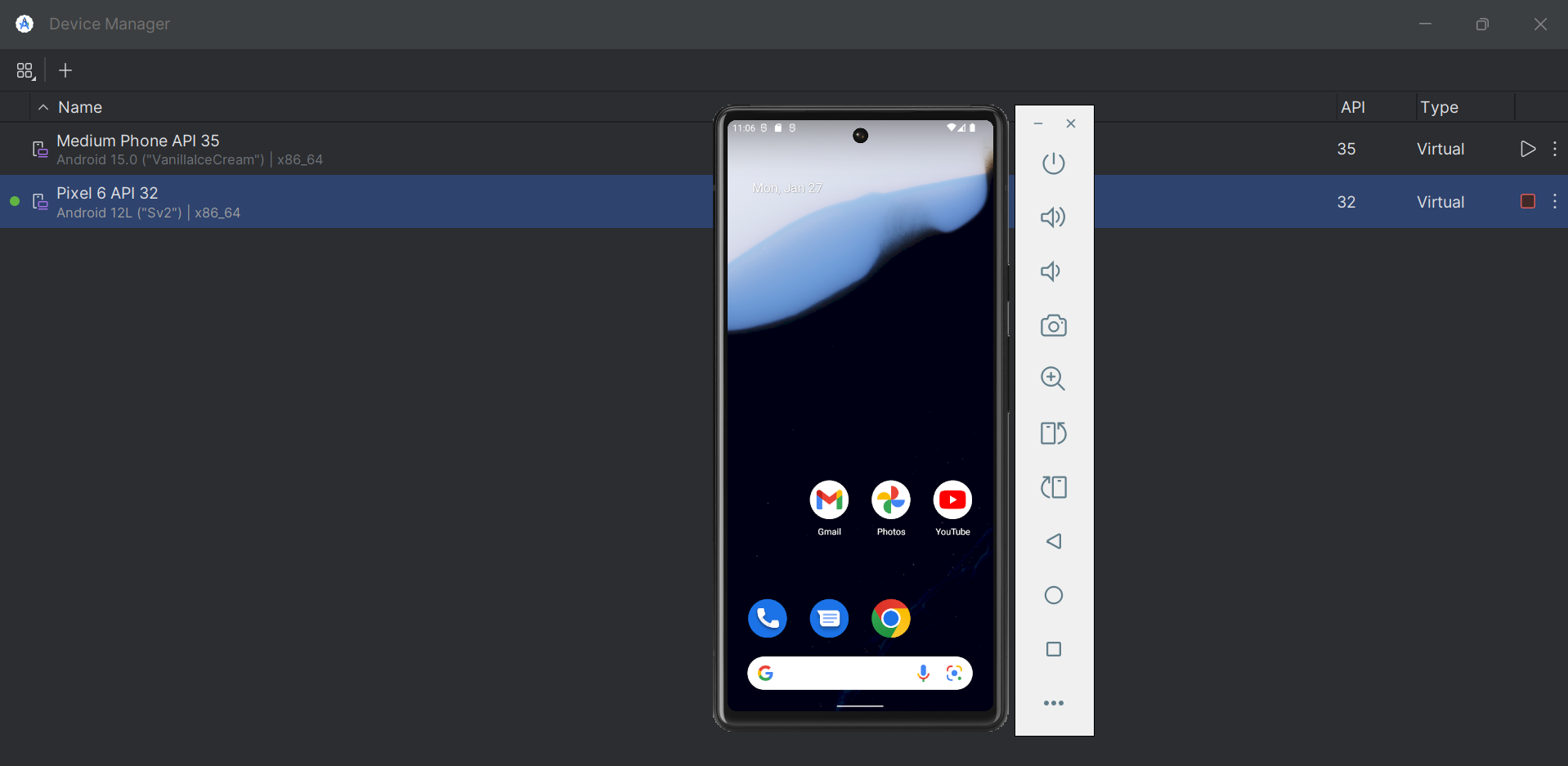


Step 10: - Next, you need to set up an Android emulator. It is responsible for running and testing the Flutter application

Step 10.1: - Open Android Studio and go to Tools > AVD Manager. Create a new virtual device.

Step 10.2: - Click on the icon pointed into the red color rectangle. The Android emulator displayed as below screen





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 itself

