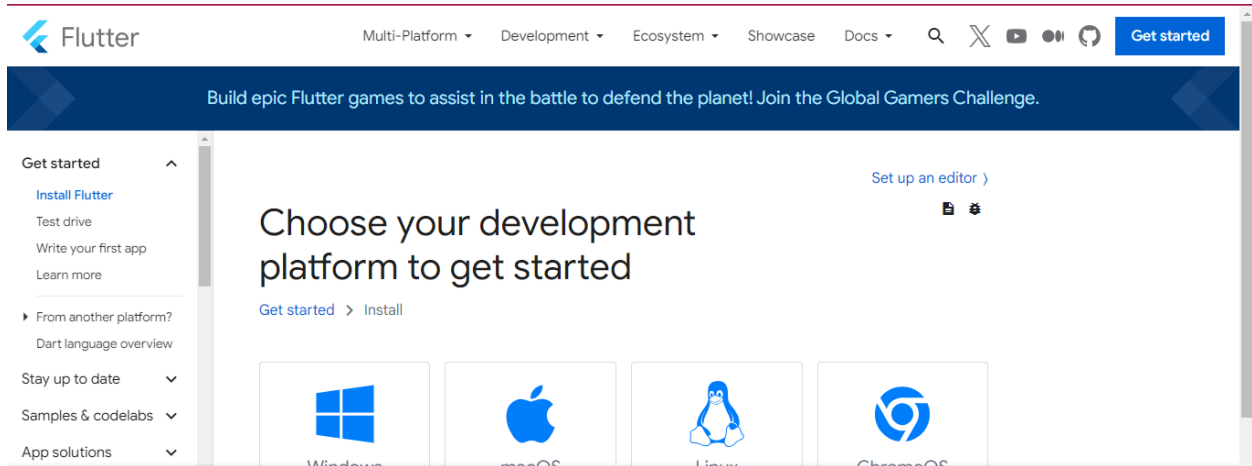


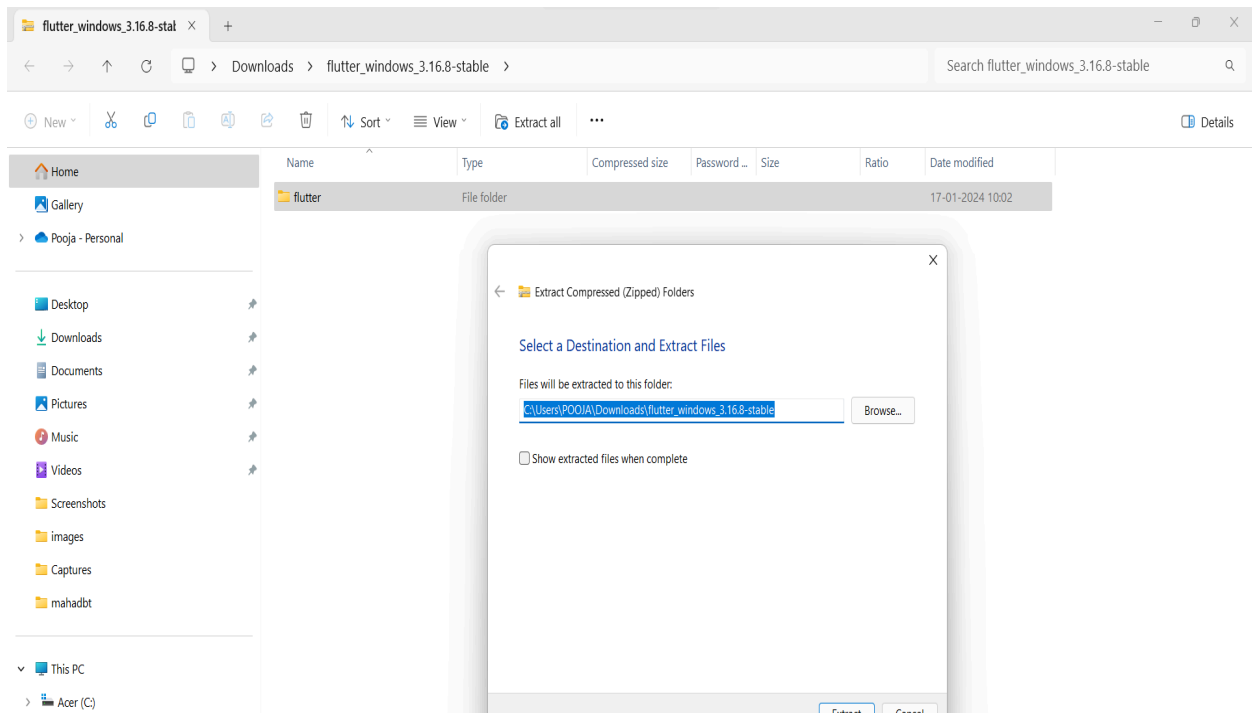
**Aim:** Installation and configuration of flutter.

## STEP 1: Install the Flutter SDK

Download the Flutter Software Development Kit from the official website for Windows.

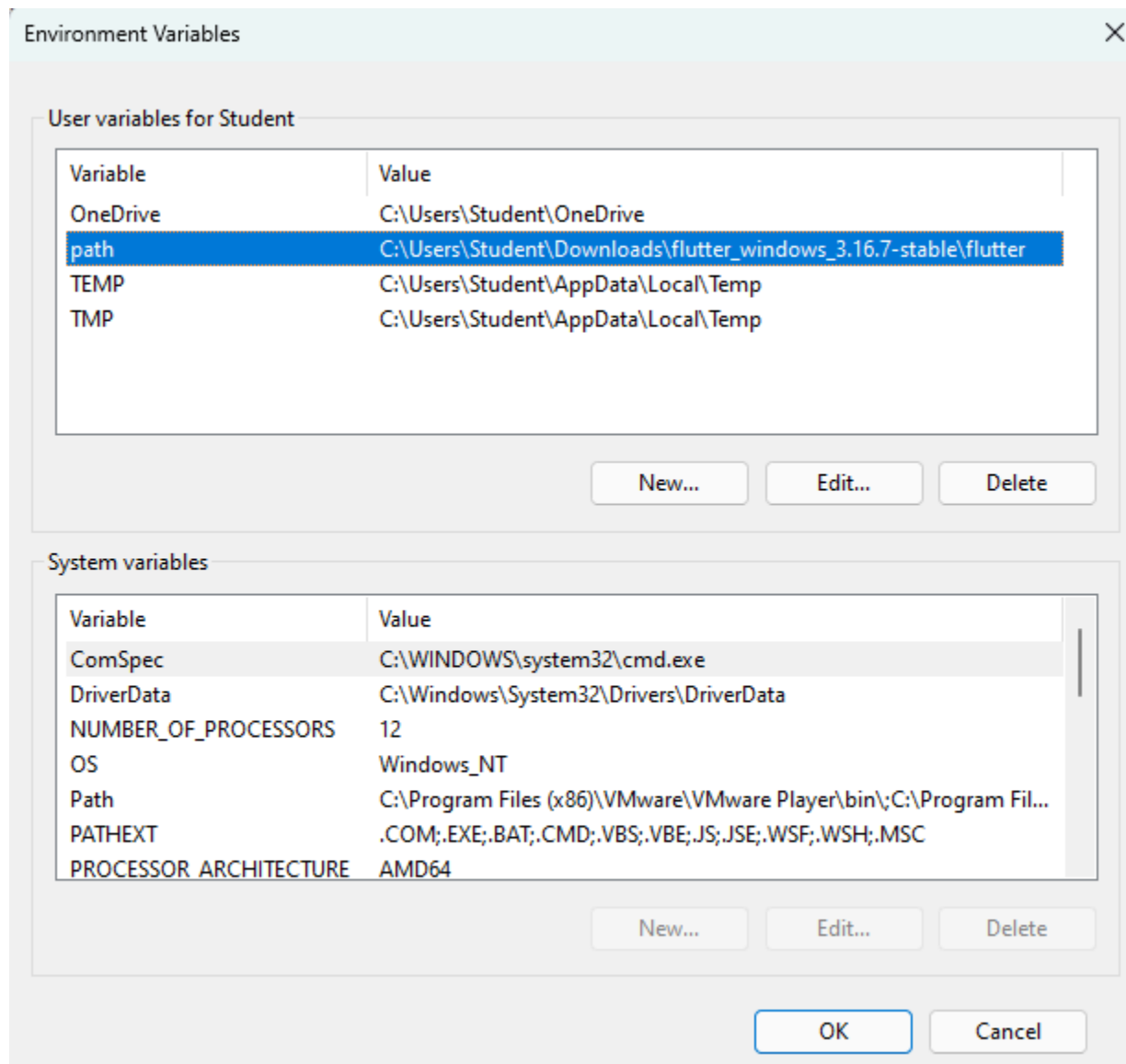


**STEP 2:** Once the download is complete extract the zip file and place it in the desired folder.



**STEP 3:** To run the Flutter command in the regular windows console, you need to update the system path to include the flutter bin directory. The following steps are required to do this:

Go to THIS PC -> Properties -> Advanced system settings -> Environment variables.



**STEP 4:** Run the flutter command in the Command Prompt.

```
C:\Users\Student>flutter -h

A new version of Flutter is available!
To update to the latest version, run "flutter upgrade".

Manage your Flutter app development.

Common commands:

  flutter create <output directory>
    Create a new Flutter project in the specified directory.

  flutter run [options]
    Run your Flutter application on an attached device or in an emulator.

Usage: flutter <command> [arguments]

Global options:
-h, --help                Print this usage information.
-v, --verbose              Noisy logging, including all shell commands executed.
                           If used with "--help", shows hidden options. If used with "flutter doctor", shows additional
                           diagnostic information. (Use "-vv" to force verbose logging in those cases.)
-d, --device-id            Target device id or name (prefixes allowed).
--version                 Reports the version of this tool.
--suppress-analytics       Suppress analytics reporting when this command runs.

Available commands:

Flutter SDK
  bash-completion  Output command line shell completion setup scripts.
```

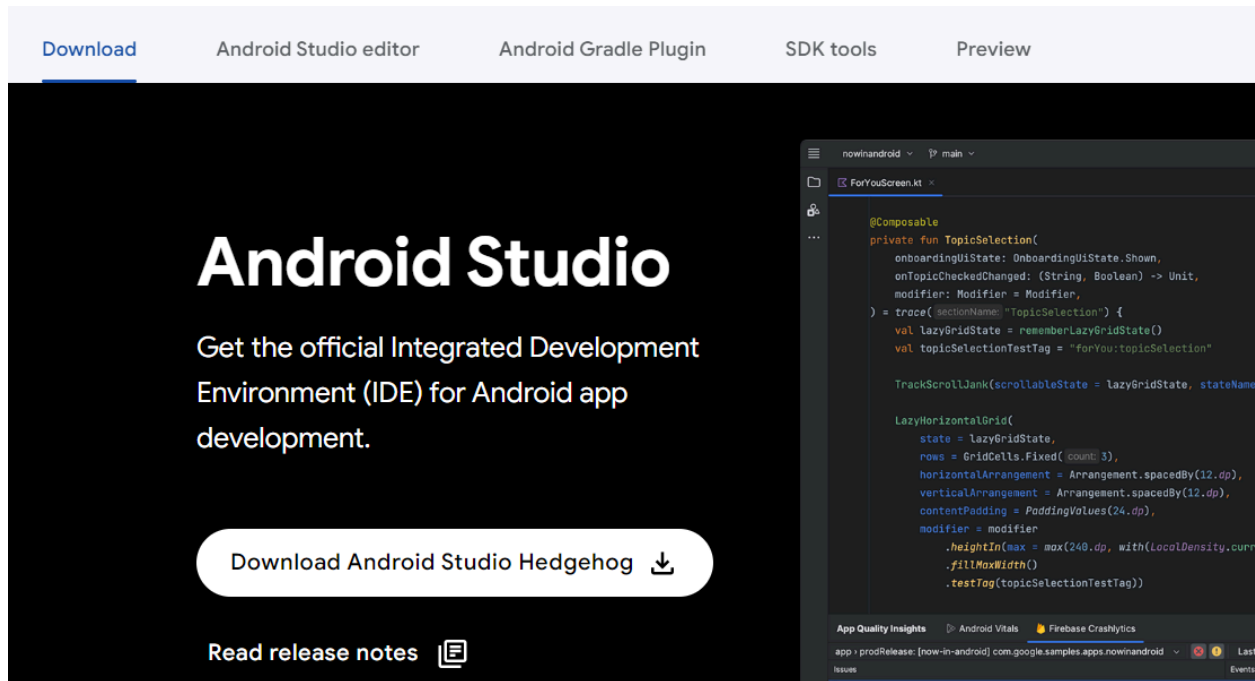
```
C:\Users\Student>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.3.10, on Microsoft Windows [Version 10.0.22621.3007], locale en-IN)
[✓] Android toolchain - develop for Android devices (Android SDK version 33.0.1)
[✓] Chrome - develop for the web
[!] Visual Studio - develop for Windows (Visual Studio Community 2022 17.4.3)
    X The current Visual Studio installation is incomplete. Please reinstall Visual Studio.
[✓] Android Studio (version 2021.3)
[✓] VS Code
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 1 category.

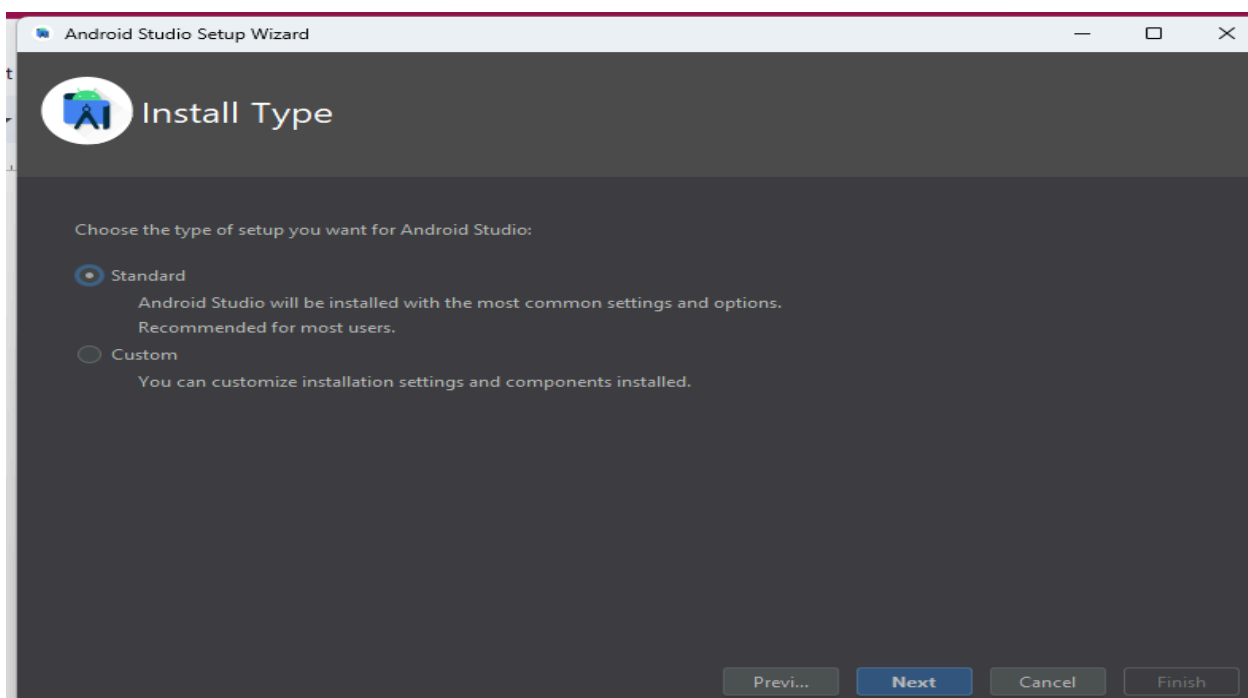
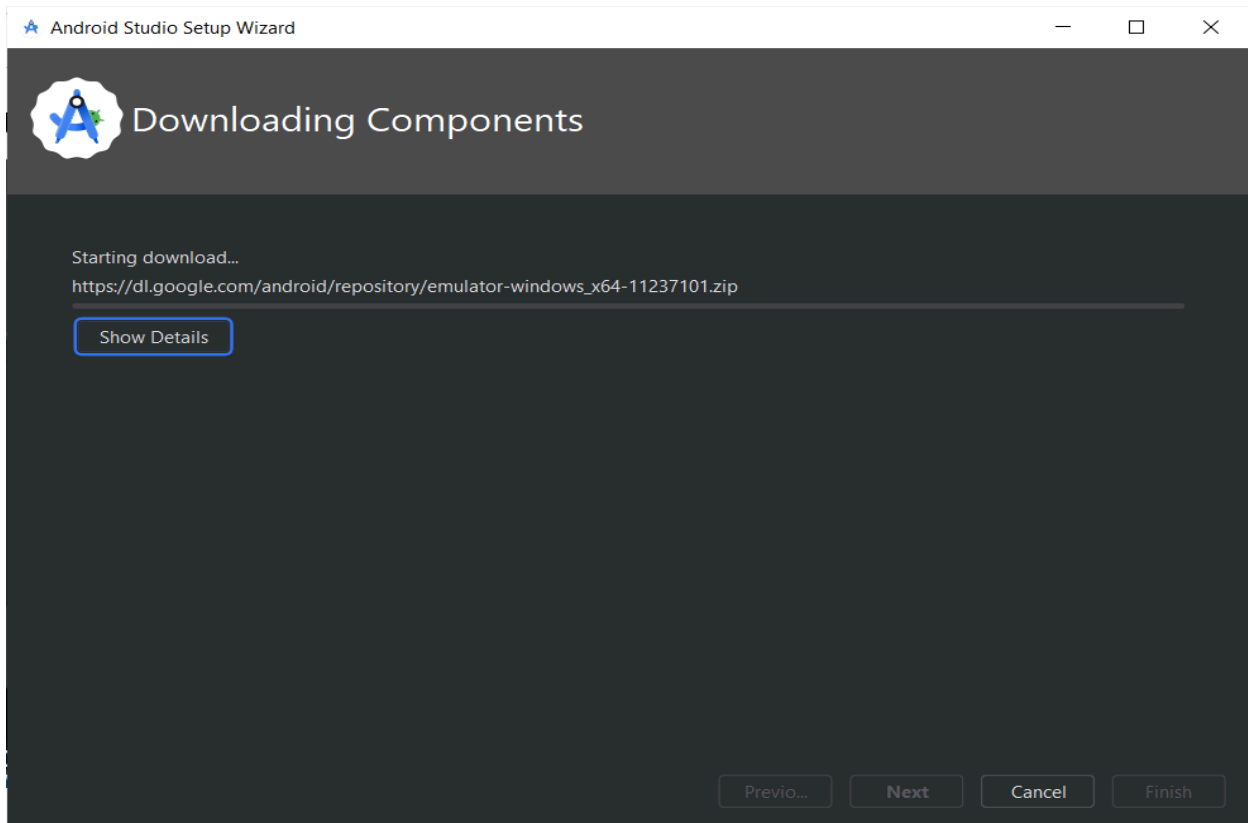
C:\Users\Student>
```

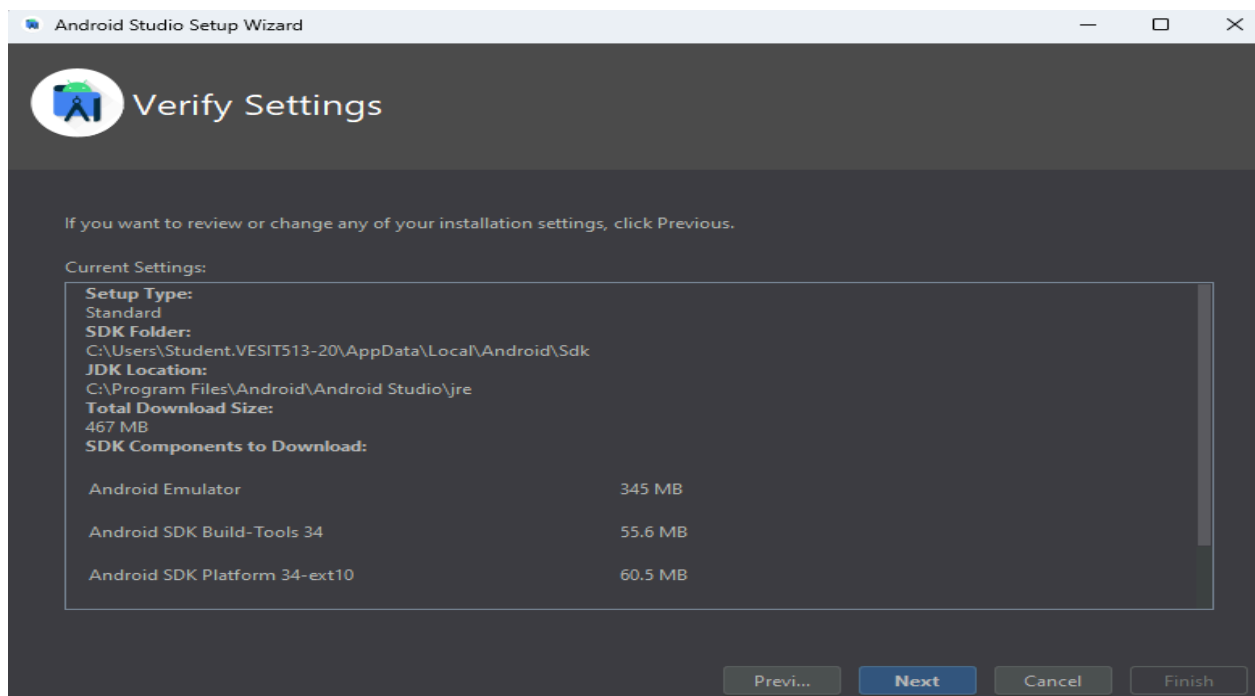
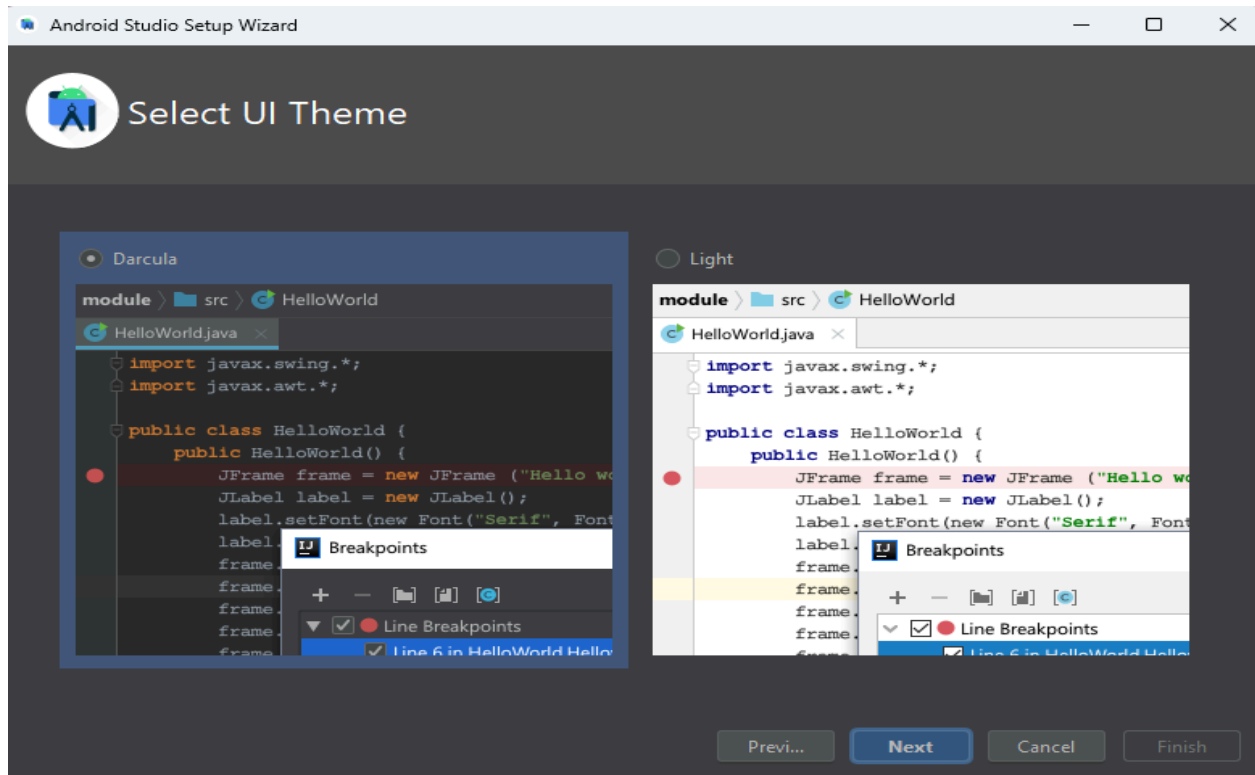
**STEP 5: Install the Android SDK.**

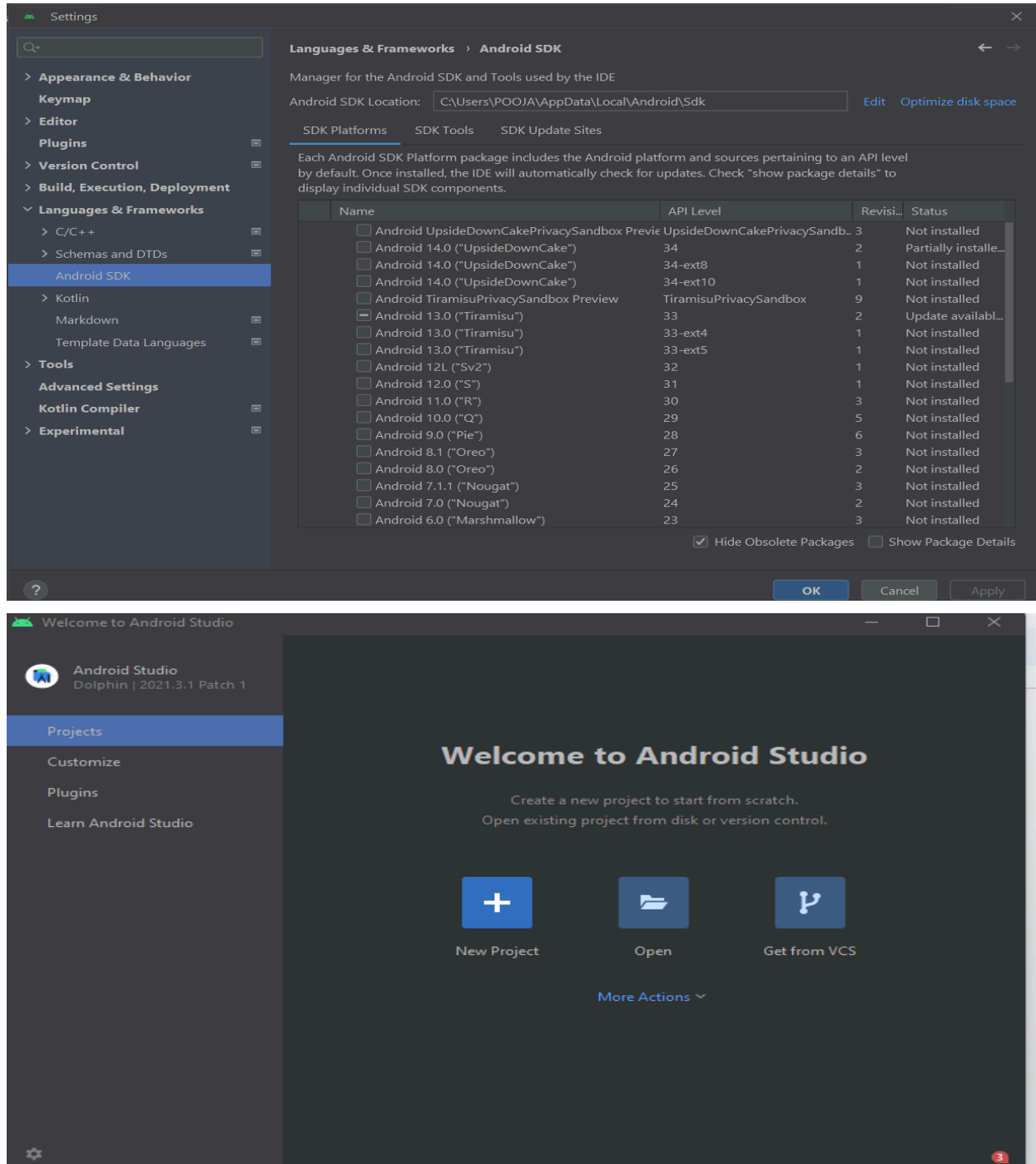
If the flutter doctor command does not find the Android SDK tool in your system, then you need first to install the Android Studio IDE.



Once the android Studio is installed, Download the Android SDK Command-Line Tools present in the Android SDK section in Android Studio.







**Conclusion:** We successfully installed Flutter and Android Studio, although we encountered minor issues with setting up Android Studio licenses. We quickly fixed the issues, enabling us to create a working development setup.