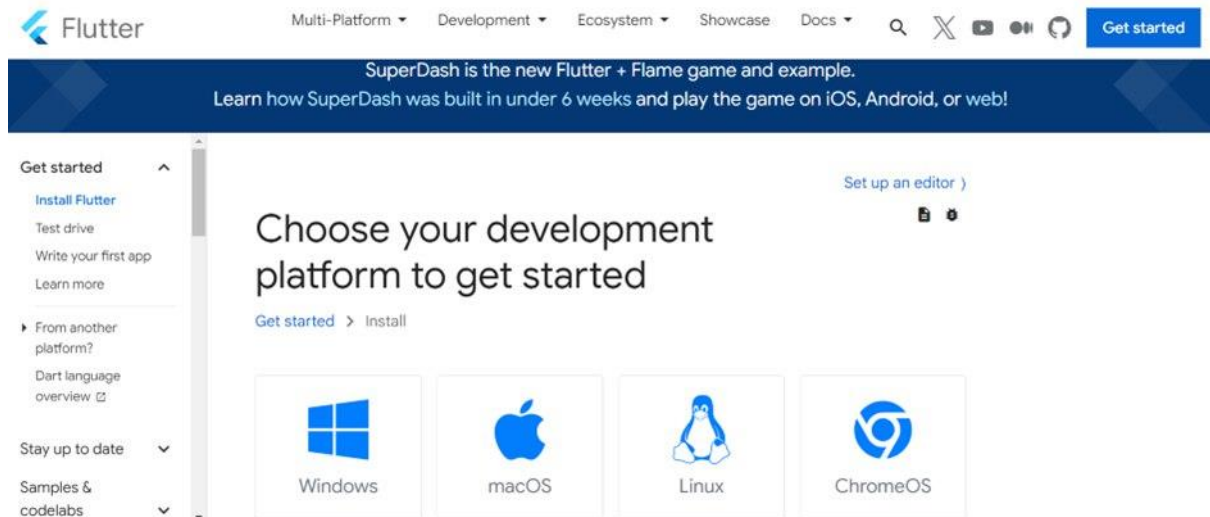


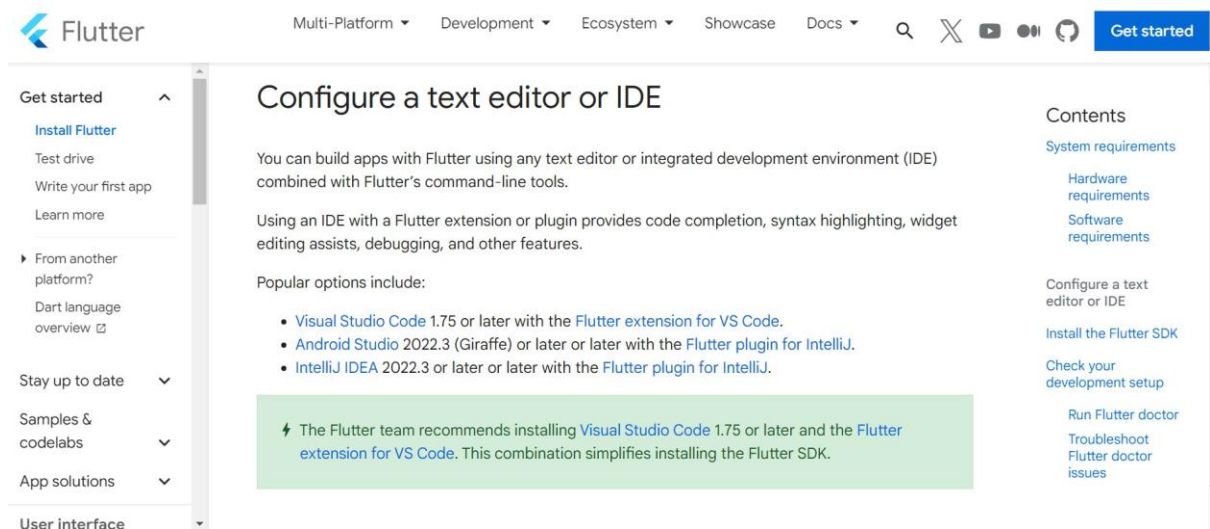
FLUTTER INSTALLATION

Install flutter from this link <https://docs.flutter.dev/get-started/install/windows/desktop?tab=download>

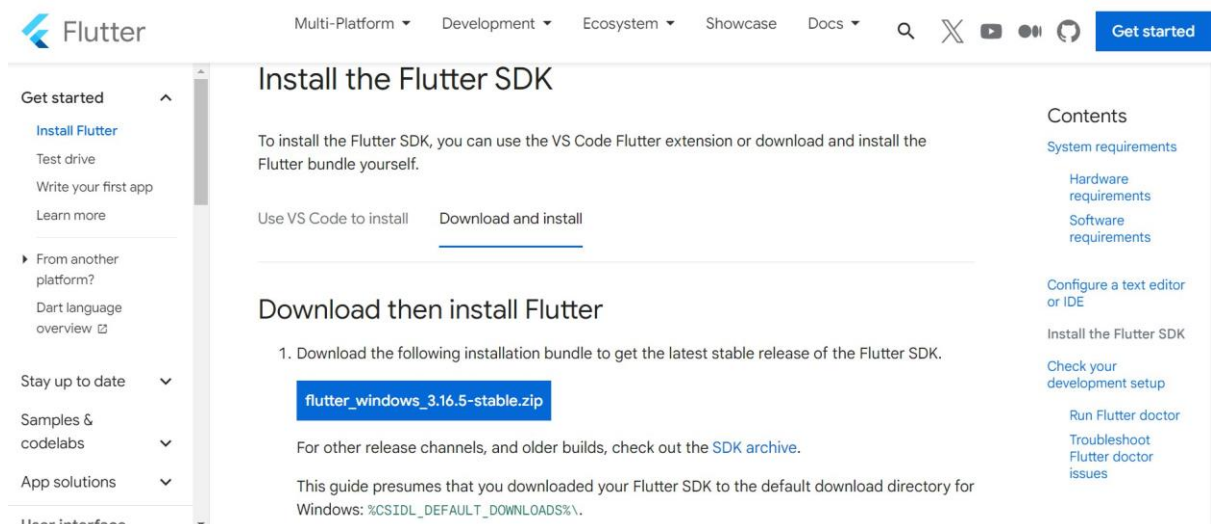
1. Choose the development platform according to your software



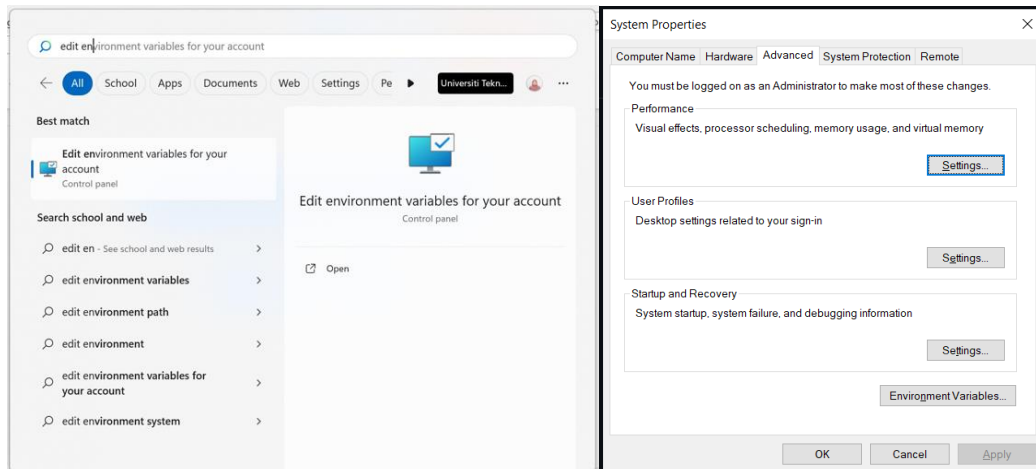
2. Download the latest Visual Studio Code and Android Studio



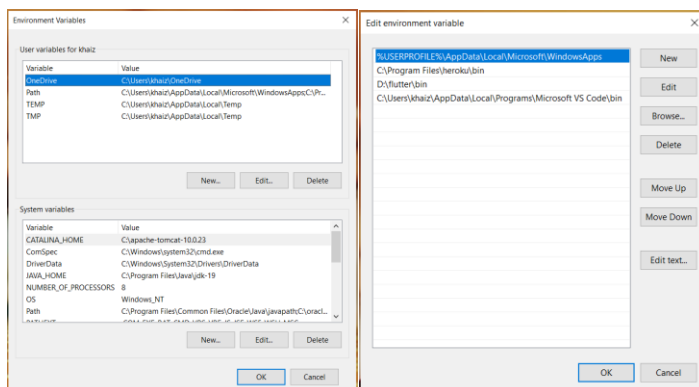
3. Install Flutter SDK by clicking the blue button



4. Search for edit environment variables and click on the 'Environment Variables...'



5. Double click on the 'Path' in 'User variable..' and add the location of the Flutter bin



6. Open Command Prompt and type in 'flutter' to check if Flutter had been installed

```
Command Prompt - flutter - flutter doctor
Microsoft Windows [Version 10.0.22000.2538]
(c) Microsoft Corporation. All rights reserved.

C:\Users\User>flutter

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 for the current CLI invocation.
--disable-telemetry   Disable telemetry reporting each time a flutter or dart command runs, until it is
                      re-enabled.
--enable-telemetry    Enable telemetry reporting each time a flutter or dart command runs.

Available commands:

Flutter SDK
  bash-completion  Output command line shell completion setup scripts.
  channel          List or switch Flutter channels.
  config           Configure Flutter settings.
```

7. Type in 'flutter doctor' to check all details are checked

```
Command Prompt - flutter - flutter doctor

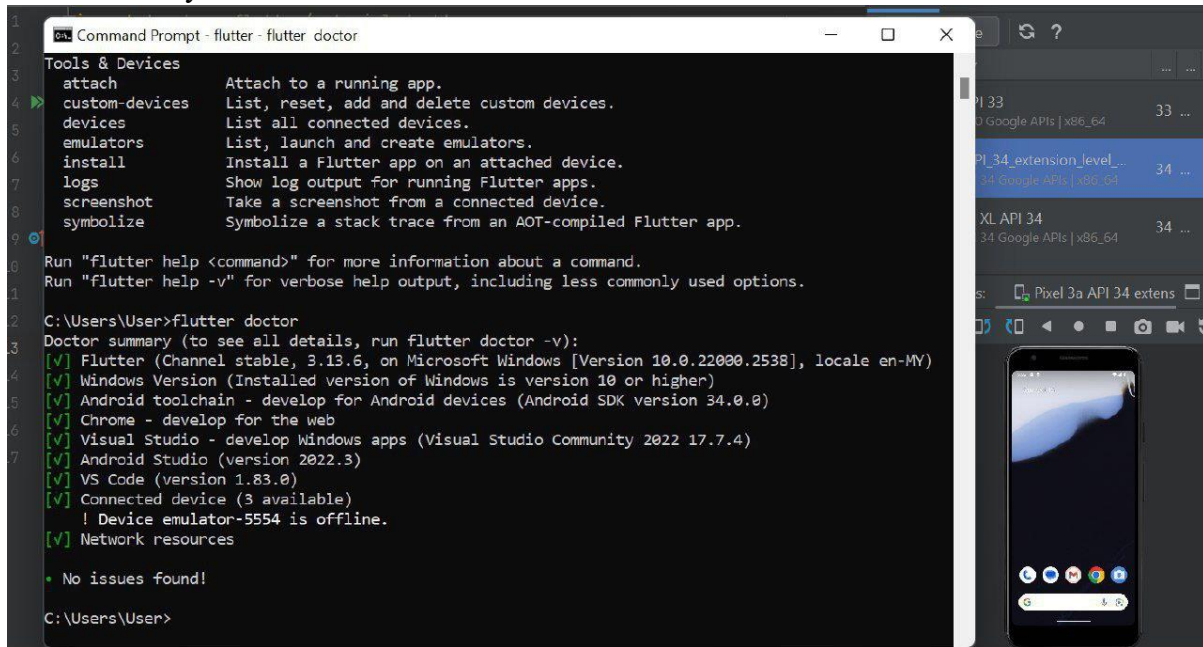
Project
  analyze           Analyze the project's Dart code.
  assemble         Assemble and build Flutter resources.
  build            Build an executable app or install bundle.
  clean           Delete the build/ and .dart_tool/ directories.
  create          Create a new Flutter project.
  drive           Run integration tests for the project on an attached device or emulator.
  gen-l10n        Generate localizations for the current project.
  pub             Commands for managing Flutter packages.
  run             Run your Flutter app on an attached device.
  test            Run Flutter unit tests for the current project.

Tools & Devices
  attach          Attach to a running app.
  custom-devices  List, reset, add and delete custom devices.
  devices         List all connected devices.
  emulators       List, launch and create emulators.
  install         Install a Flutter app on an attached device.
  logs            Show log output for running Flutter apps.
  screenshot      Take a screenshot from a connected device.
  symbolize       Symbolize a stack trace from an AOT-compiled Flutter app.

Run "flutter help <command>" for more information about a command.
Run "flutter help -v" for verbose help output, including less commonly used options.

C:\Users\User>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.13.6, on Microsoft Windows [Version 10.0.22000.2538], locale en-MY)
[✓] Windows Version (Installed version of Windows is version 10 or higher)
[✓] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
[✓] Chrome - develop for the web
[✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.7.4)
[✓] Android Studio (version 2022.3)
[✓] VS Code (version 1.85.1)
[✓] Connected device (3 available)
[✓] Network resources
```

8. Successfully download Flutter and run the emulator



```
1 Command Prompt - flutter - flutter doctor
2
3 Tools & Devices
4 ► attach          Attach to a running app.
5 custom-devices    List, reset, add and delete custom devices.
6 devices           List all connected devices.
7 emulators         List, launch and create emulators.
8 install           Install a Flutter app on an attached device.
9 logs             Show log output for running Flutter apps.
10 screenshot       Take a screenshot from a connected device.
11 symbolize        Symbolize a stack trace from an AOT-compiled Flutter app.
12
13 Run "flutter help <command>" for more information about a command.
14 Run "flutter help -v" for verbose help output, including less commonly used options.
15
16 C:\Users\User>flutter doctor
17 Doctor summary (to see all details, run flutter doctor -v):
18 [✓] Flutter (Channel stable, 3.13.6, on Microsoft Windows [Version 10.0.22000.2538], locale en-MY)
19 [✓] Windows Version (Installed version of Windows is version 10 or higher)
20 [✓] Android toolchain - develop for Android devices (Android SDK version 34.0.0)
21 [✓] Chrome - develop for the web
22 [✓] Visual Studio - develop Windows apps (Visual Studio Community 2022 17.7.4)
23 [✓] Android Studio (version 2022.3)
24 [✓] VS Code (version 1.83.0)
25 [✓] Connected device (3 available)
26     ! Device emulator-5554 is offline.
27 [✓] Network resources
28
29 • No issues found!
30
31 C:\Users\User>
```