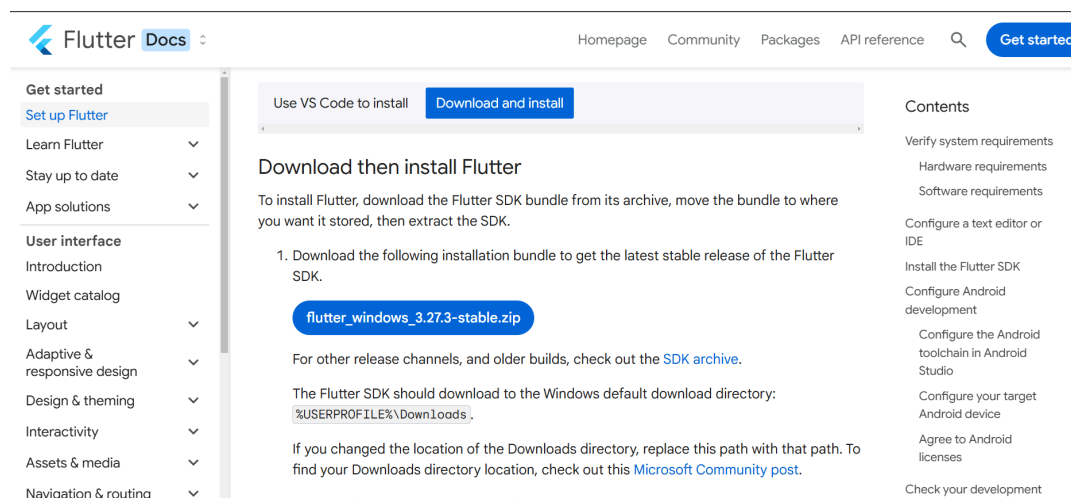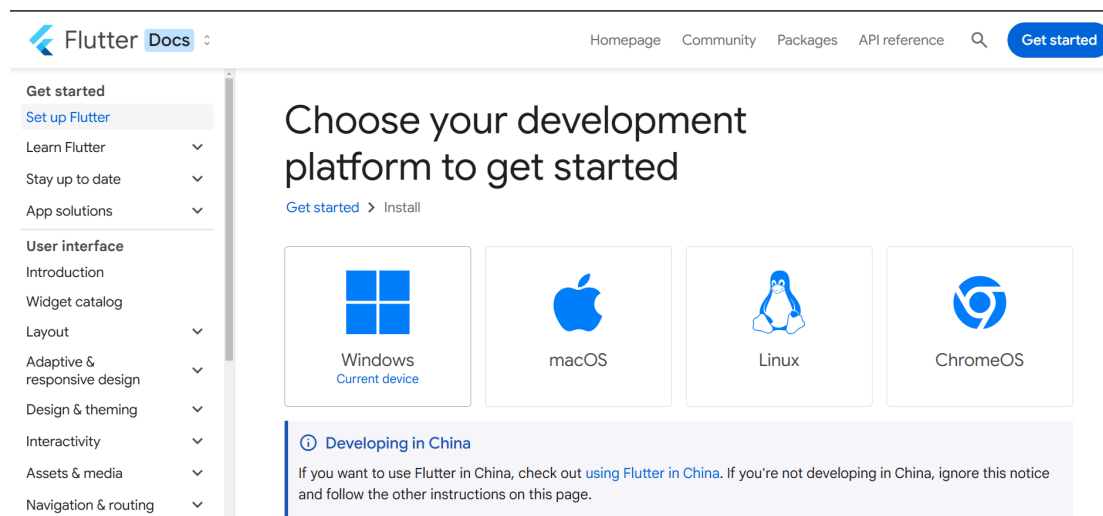# MPL EXPERIMENT 1

Prajjwal Pandey
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Aim: Installation and Configuration of Flutter Environment.

Step 1: Install Flutter
● Download Flutter SDK from the official Flutter website (https://flutter.dev/).
● Download the Flutter SDK for your operating system (Windows, macOS, or Linux).

Extract the downloaded zip file to a preferred location on your computer (e.g., C:\src\flutter for Windows).
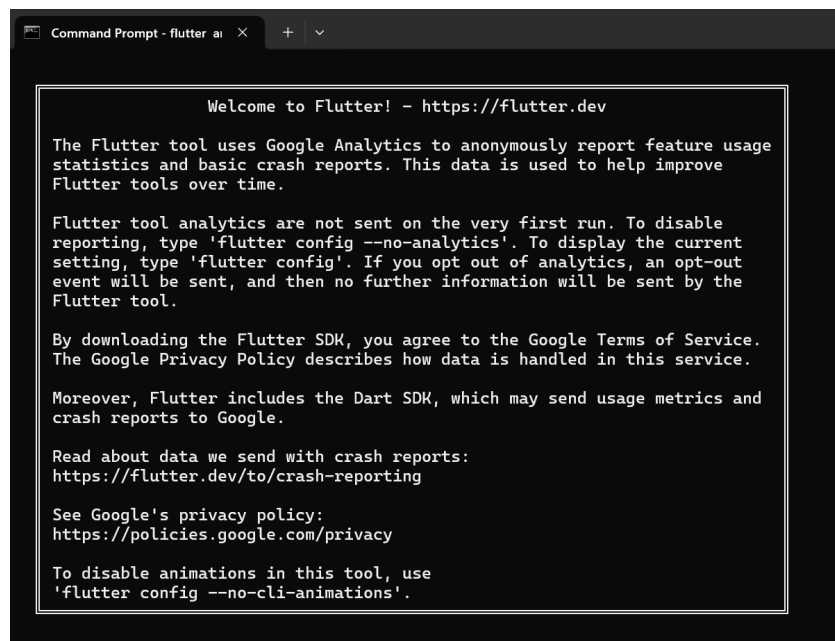● Add Flutter to the PATH
● Locate the flutter\bin directory in the extracted Flutter folder.

● Add this directory to your system's PATH environment variable.
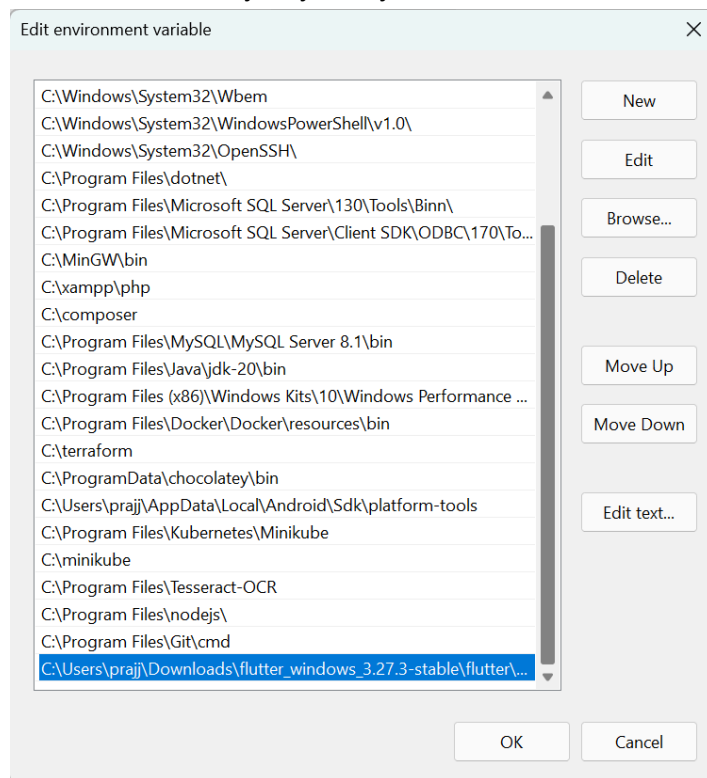
Verify the Installation
● Open a terminal or command prompt.
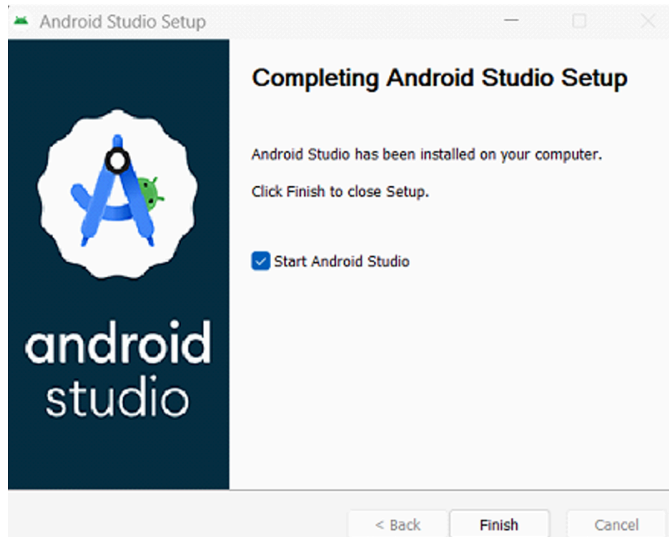● Run the command: **flutter** and **flutter doctor**.
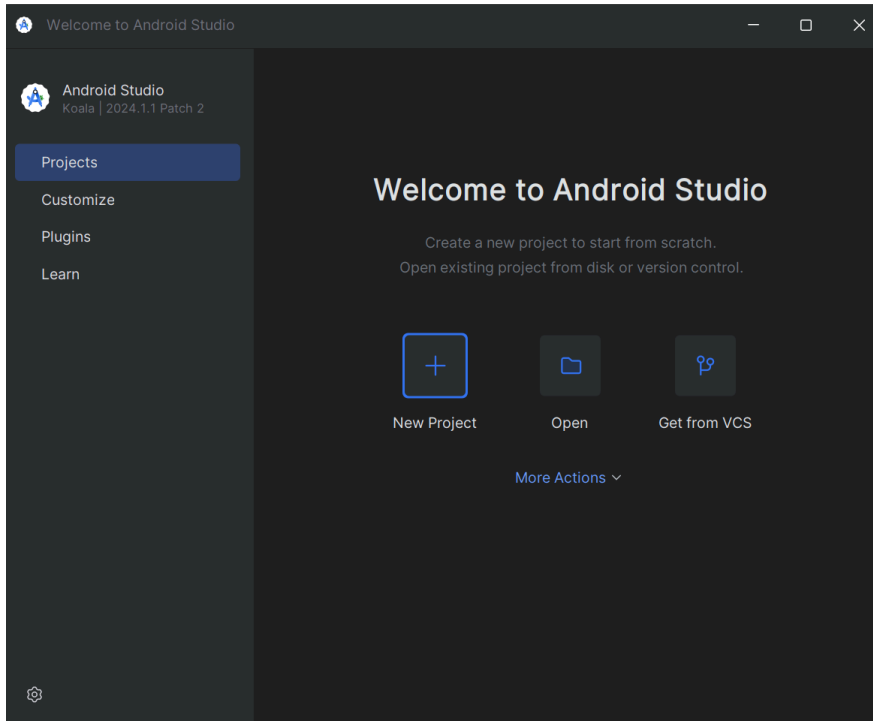
Step 2: Install Android Studio
● Download Android Studio
● Go to the Android Studio website. (https://developer.android.com/studio)
● Download the installer for your operating system ((Windows, macOS, or Linux)).
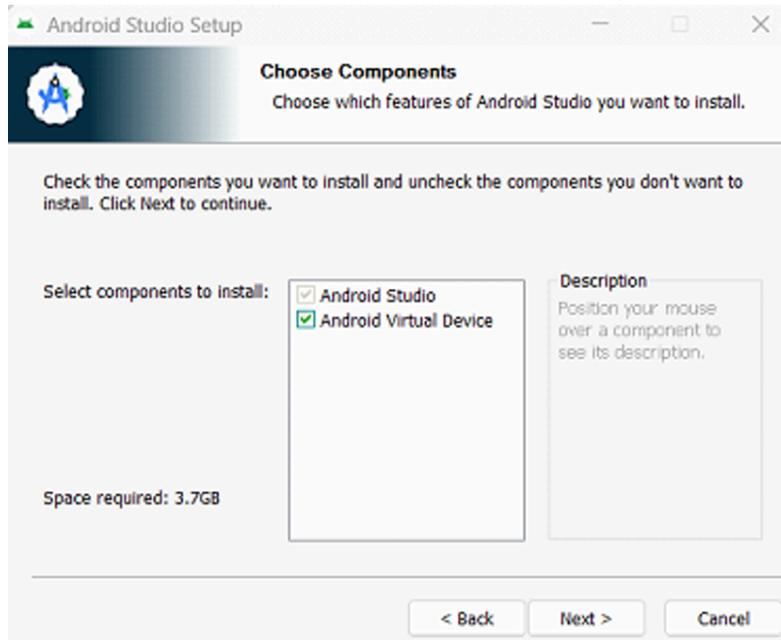
● Run the installer and follow the setup wizard.
● Choose the standard installation option.


● Install Android SDK Tools
● Open Android Studio.

● Go to Settings/Preferences > Language & Framework > Android SDK.
● Select the latest Android API level.
● Ensure "Android SDK Platform" and "Android Virtual Device (AVD)" are selected.
Click "Apply" and wait for the components to install.
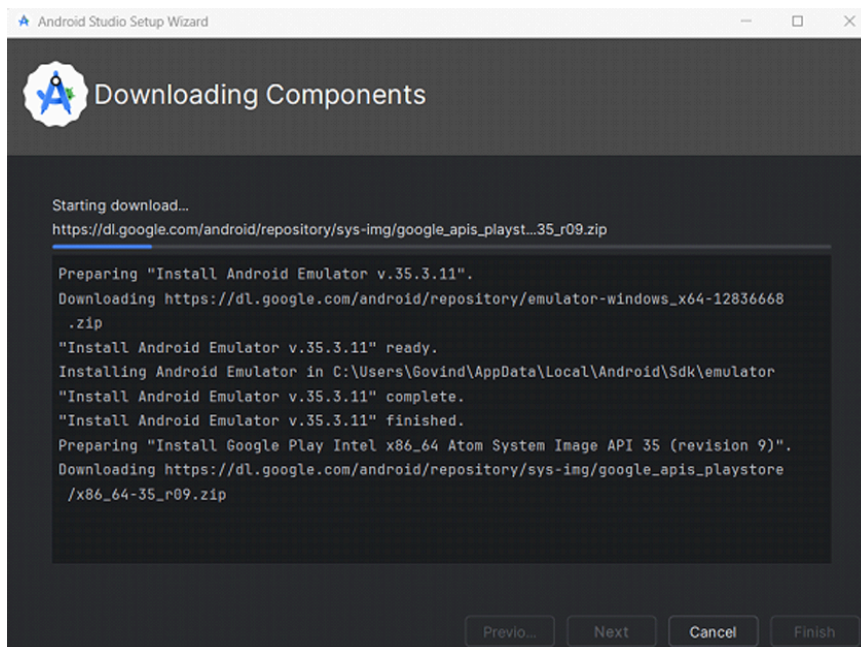
Step 3: Connect Flutter with Android Studio
● Install Flutter and Dart Plugins
● Open Android Studio. Go to File > Settings (Windows/Linux) > Plugins.
● Search for "Flutter" and click "Install." Dart will be installed automatically.
● Restart Android Studio.
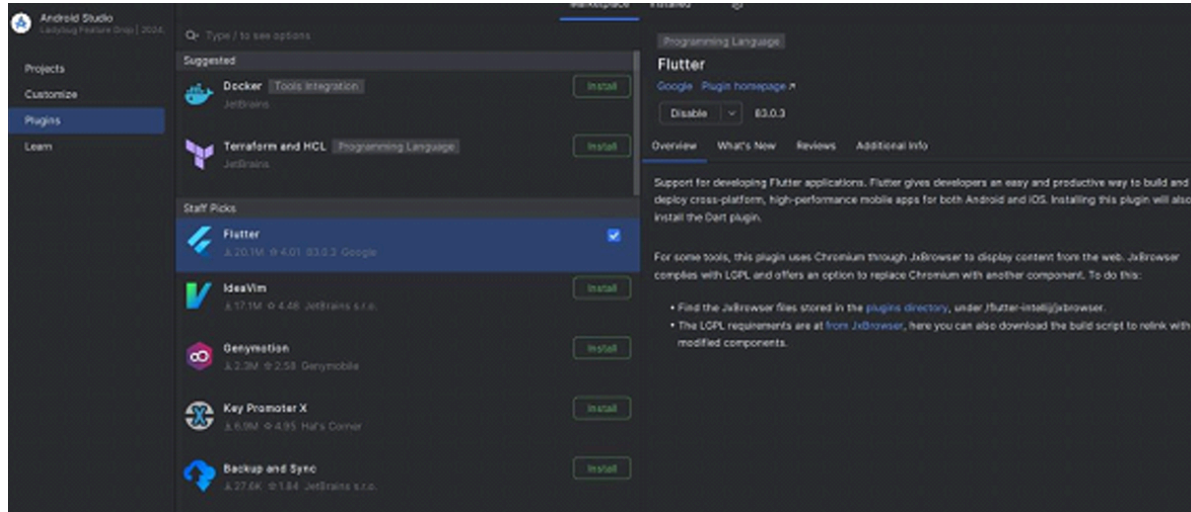
Step 4: Create a New Flutter Project
● Click on New Flutter Project.
● Enter project details and select the Flutter SDK path.
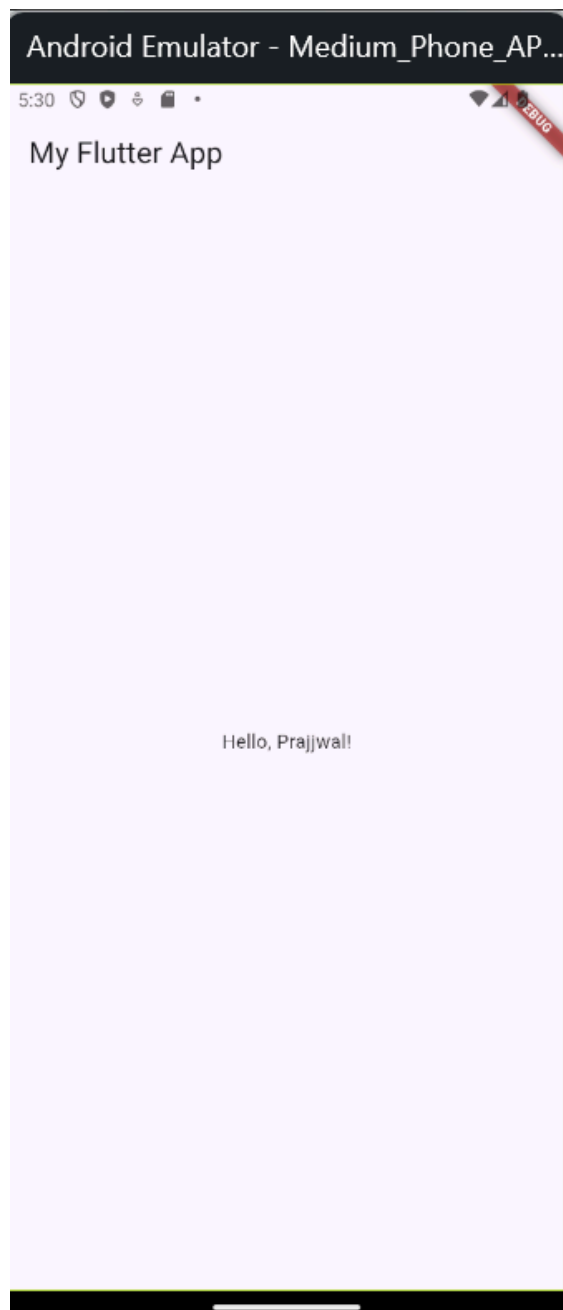● Click "Finish" to create the project.

Code :

```dart
import 'package:flutter/material.dart';

void main() {
  runApp(MyApp());
}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: Scaffold(
        appBar: AppBar(title: Text("My Flutter App")),
        body: Center(child: Text("Hello, Prajjwal!")),
      ),
    );
  }
}
```

Screenshot:

Conclusion: Hello World, is successfully run on the flutter app.