

Experiment 01

Aim: Create a Flutter Project using flutter to get Hello World output.

Code:

```
import 'package:flutter/material.dart';
void main() {
  runApp(const MyApp());
}
class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Welcome to Flutter',
      home: Scaffold(
        appBar: AppBar(
          title: const Text('Welcome to Flutter'),
        ),
        body: const Center(
          child: Text('Hello bhavesh Wadhwani'),
        ),
      ),
    );
  }
}
```



Administrator: Command Prompt

```
! Doctor found issues in 1 category.

C:\Users\INF505-22>flutter
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.
  channel          List or switch Flutter channels.

C:\Users\INF505-22>flutter doctor
Doctor summary (to see all details, run flutter doctor -v):
[✓] Flutter (Channel stable, 3.3.10, on Microsoft Windows [Version 10.0.22621.2861], locale en-US)
[✓] 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)
[!] Android Studio (version 2023.1)
    X Unable to find bundled Java version.
[✓] VS Code (version 1.76.2)
[✓] Connected device (3 available)
[✓] HTTP Host Availability

! Doctor found issues in 1 category.

C:\Users\INF505-22>
```

File Edit View Navigate Code Refactor Build Run Tools VCS Window Help bhavesh1 - main.dart [bhavesh1] - Administrator

main.dart

```
import 'package:flutter/material.dart';
void main() {
  runApp(const MyApp());
}

class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Welcome to Flutter',
      home: Scaffold(
        appBar: AppBar(
          title: const Text('Welcome to Flutter'),
        ), // AppBar
        body: const Center(
          child: Text('Hello Bhavesh Wadhvani Roll no:-69'),
        ), // Center
      ), // Scaffold
    ); // MaterialApp
  }
}
```

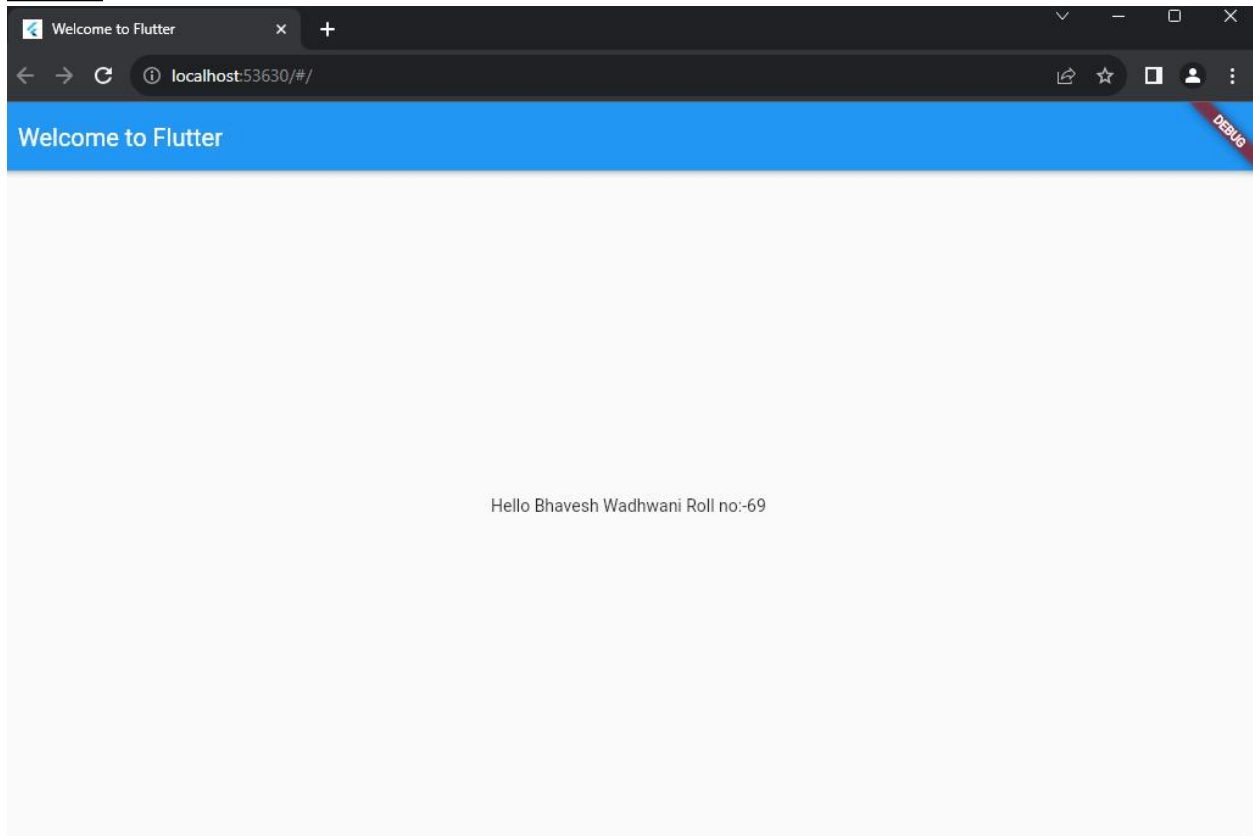
Run: main.dart (Chrome)

Console

Version Control Run TODO Problems Terminal App Quality Insights Services App Inspection Logcat Profiler Dart Analysis Layout Inspector

CRLF UTF-8 2 spaces

Output:



Conclusion: Thus we installed flutter and android studio and created our first flutter app with text field.