

## Assignment

```
main.dart | FirstApp | Dart
import 'package:flutter/material.dart';

Run | Debug | Profile
void main() {
  runApp(FirstApp());
}

class FirstApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    // Material App
    return MaterialApp(
      home: Scaffold(
        backgroundColor: Colors.lightBlue[50], // ★ Background color added
        appBar: AppBar(
          title: const Text('Flutter Class'),
          backgroundColor: Colors.blue, // AppBar color
        ), // AppBar
        body: const Center(
          child: Text(
            'Hello World',
            style: TextStyle(fontSize: 20), // Optional text styling
          ), // Text
        ), // Center
      ), // Scaffold
    ); // MaterialApp
  }
}
```

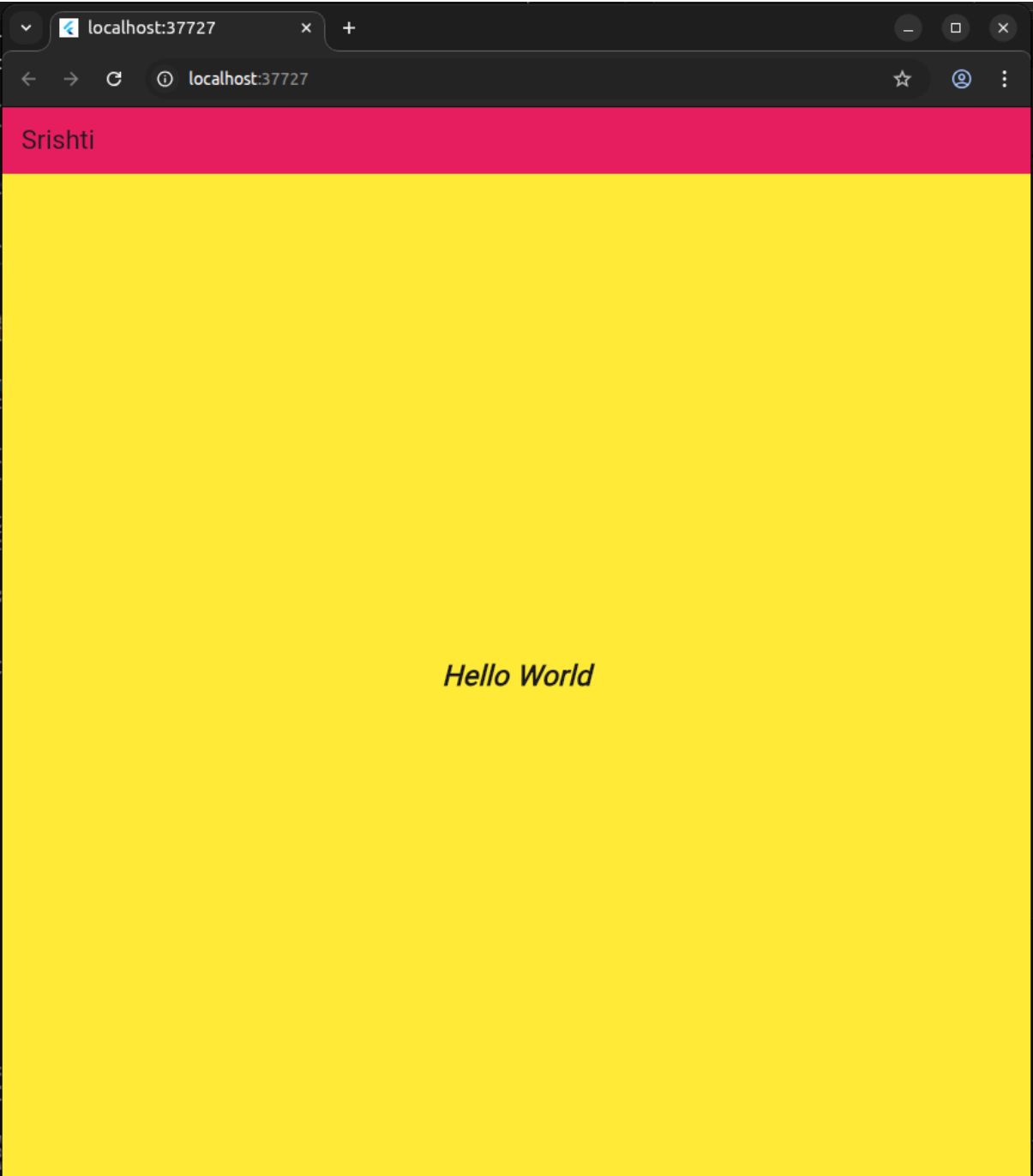
Hello World

## Assignment 1

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false, // Removes the debug banner
      home: Scaffold(
        appBar: AppBar(
          title: Text('Srishti'),
          backgroundColor: Colors.pink,
        ),
        body: Container(
          color: Colors.yellow,
          child: Center(
            child: Text(
              'Hello World',
              style: TextStyle(
                fontStyle: FontStyle.italic,
                fontWeight: FontWeight.bold,
                fontSize: 24,
              ),
            ),
          ),
        ),
      ),
    );
  }
}
```



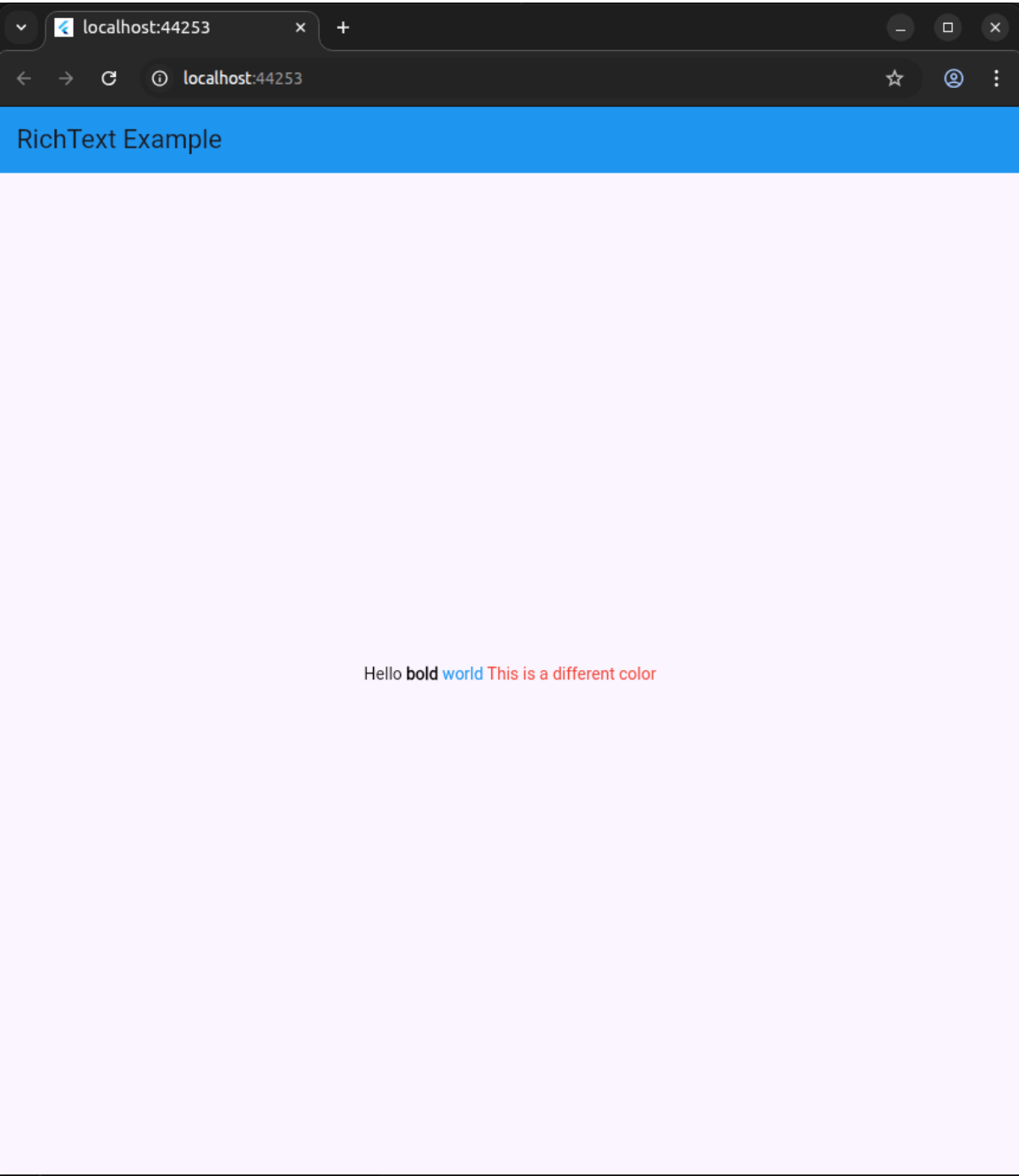
## Assignment 2

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false, // Remove the debug banner
      home: Scaffold(
        appBar: AppBar(
          title: Text('RichText Example'),
          backgroundColor: Colors.blue,
        ),
        body: Center(
          child: RichText(
            text: TextSpan(
              text: 'Hello ',
              style: TextStyle(color: Colors.black),
              children: <TextSpan>[
                TextSpan(
                  text: 'bold',
                  style: TextStyle(fontWeight: FontWeight.bold, color:
Colors.black),
                ),
                TextSpan(
                  text: ' world',
                  style: TextStyle(color: Colors.blue),
                ),
                TextSpan(
                  text: ' This is a different color',
                  style: TextStyle(color: Colors.red),
                ),
              ],
            ),
          ),
        ),
      ),
    );
  }
}
```

```
}
```

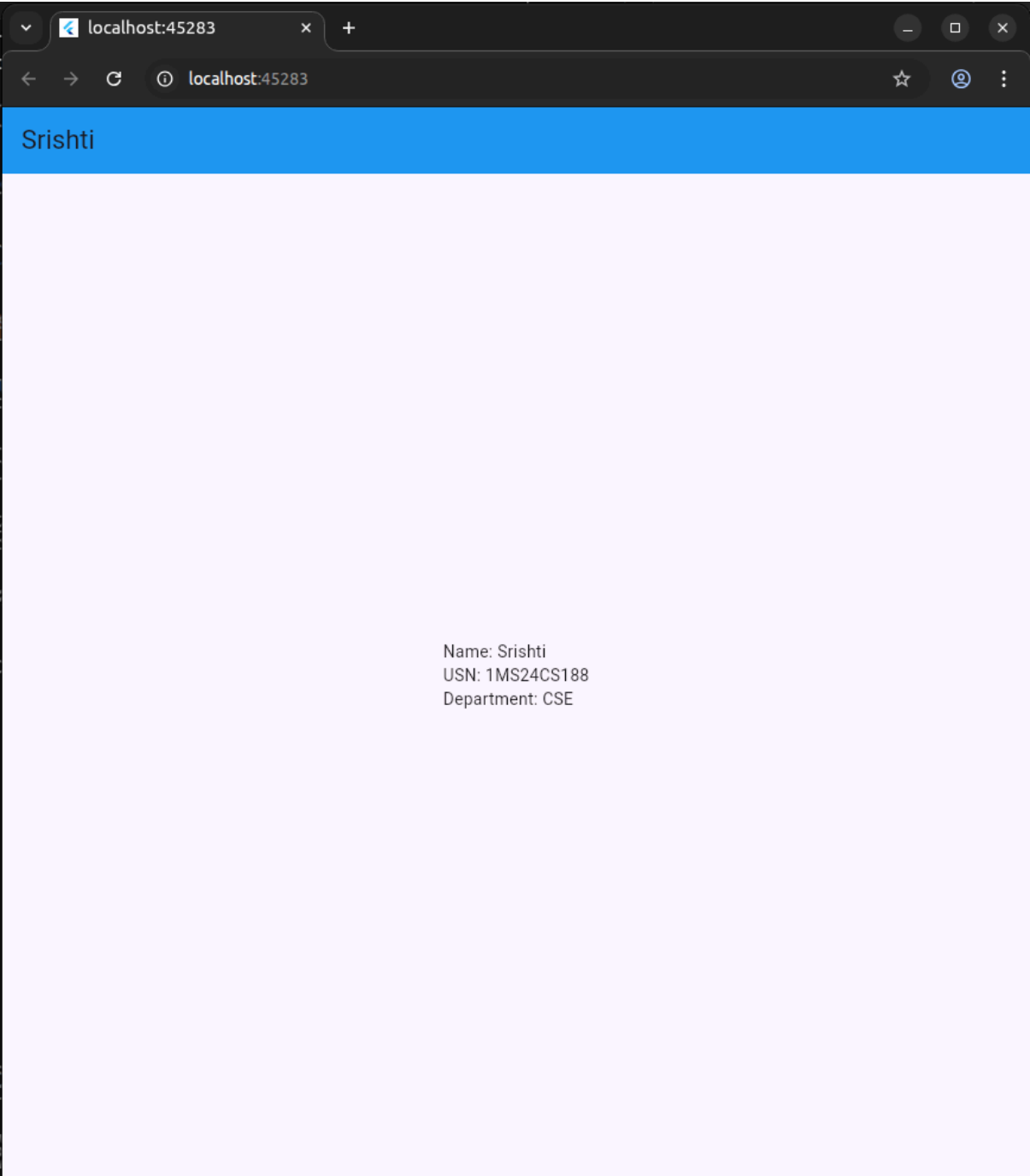


## Assignment 3

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false, // Removes the debug banner
      home: Scaffold(
        appBar: AppBar(
          title: Text('Srishti'),
          backgroundColor: Colors.blue,
        ),
        body: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            crossAxisAlignment: CrossAxisAlignment.start,
            children: <Widget>[
              Text('Name: Srishti'),
              Text('USN: 1MS24CS188'),
              Text('Department: CSE'),
            ],
          ),
        ),
      ),
    );
  }
}
```





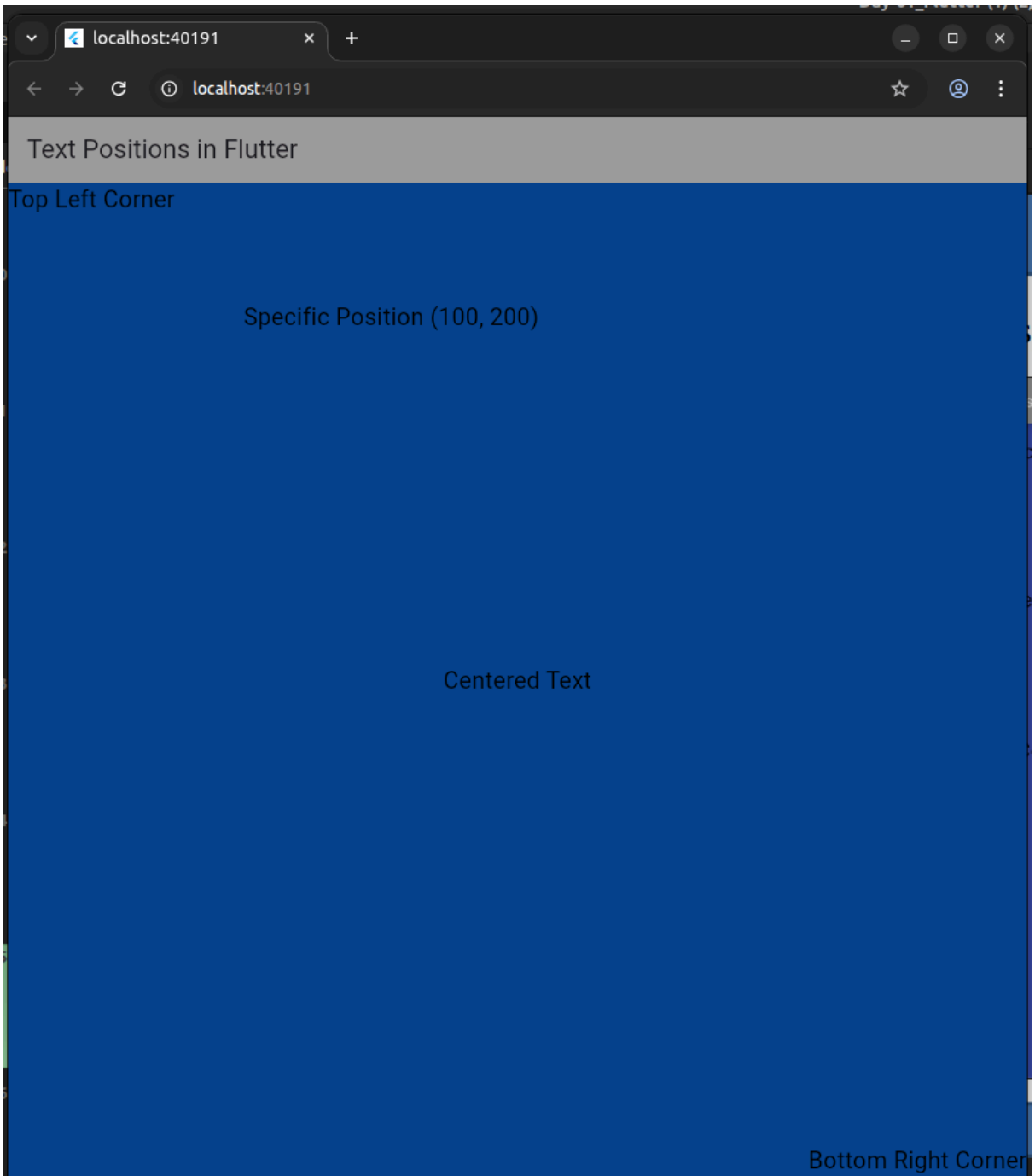
## Assignment 4

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false, // Removes the debug banner
      home: Scaffold(
        appBar: AppBar(
          title: Text('Text Positions in Flutter'),
          backgroundColor: Colors.grey,
        ),
        body: Container(
          color: const Color.fromARGB(255, 5, 69, 143), // Dark blue background
          child: Stack(
            children: <Widget>[
              // Top Left Corner
              Positioned(
                top: 0,
                left: 0,
                child: Text(
                  'Top Left Corner',
                  style: TextStyle(fontSize: 20, color: Colors.black),
                ),
              ),
              // Specific Position (100, 200)
              Positioned(
                top: 100,
                left: 200,
                child: Text(
                  'Specific Position (100, 200)',
                  style: TextStyle(fontSize: 20, color: Colors.black),
                ),
              ),
              // Centered Text
              Center(
                child: Text(
```

```
        'Centered Text',
        style: TextStyle(fontSize: 20, color: Colors.black),
    ),
),
// Bottom Right Corner
Positioned(
    bottom: 0,
    right: 0,
    child: Text(
        'Bottom Right Corner',
        style: TextStyle(fontSize: 20, color: Colors.black),
    ),
),
],
),
),
),
),
);
}
}
```



## Assignment 5

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false, // Removes the debug banner
      home: Scaffold(
        appBar: AppBar(
          title: Text('Different Font Types Example'),
          backgroundColor: Colors.blue,
        ),
        body: Center(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: <Widget>[
              Text(
                'Text with TimesNew Roman',
                style: TextStyle(fontFamily: 'Times New Roman',
fontSize: 20),
              ),
              SizedBox(height: 20),
              Text(
                'Text with Calibri',
                style: TextStyle(fontFamily: 'Calibri', fontSize: 20),
              ),
              SizedBox(height: 20),
              Text(
                'TEXT WITH STENCIL',
                style: TextStyle(
                  fontFamily: 'Stencil', fontSize: 20, fontWeight:
FontWeight.bold),
              ),
              SizedBox(height: 20),
              Text(
                'TEXT WITH ALGERIAN',
                style: TextStyle(
```

```
        fontFamily: 'Algerian', fontSize: 20, fontWeight:
FontWeight.bold),
    ),
    SizedBox(height: 20),
    Text(
        'Text with Edwardian Script ITC',
        style: TextStyle(
            fontFamily: 'Edwardian Script ITC', fontSize: 20,
fontStyle: FontStyle.italic),
    ),
  ],
),
),
),
),
);
}
}
```

