ASSIGNMENT 1

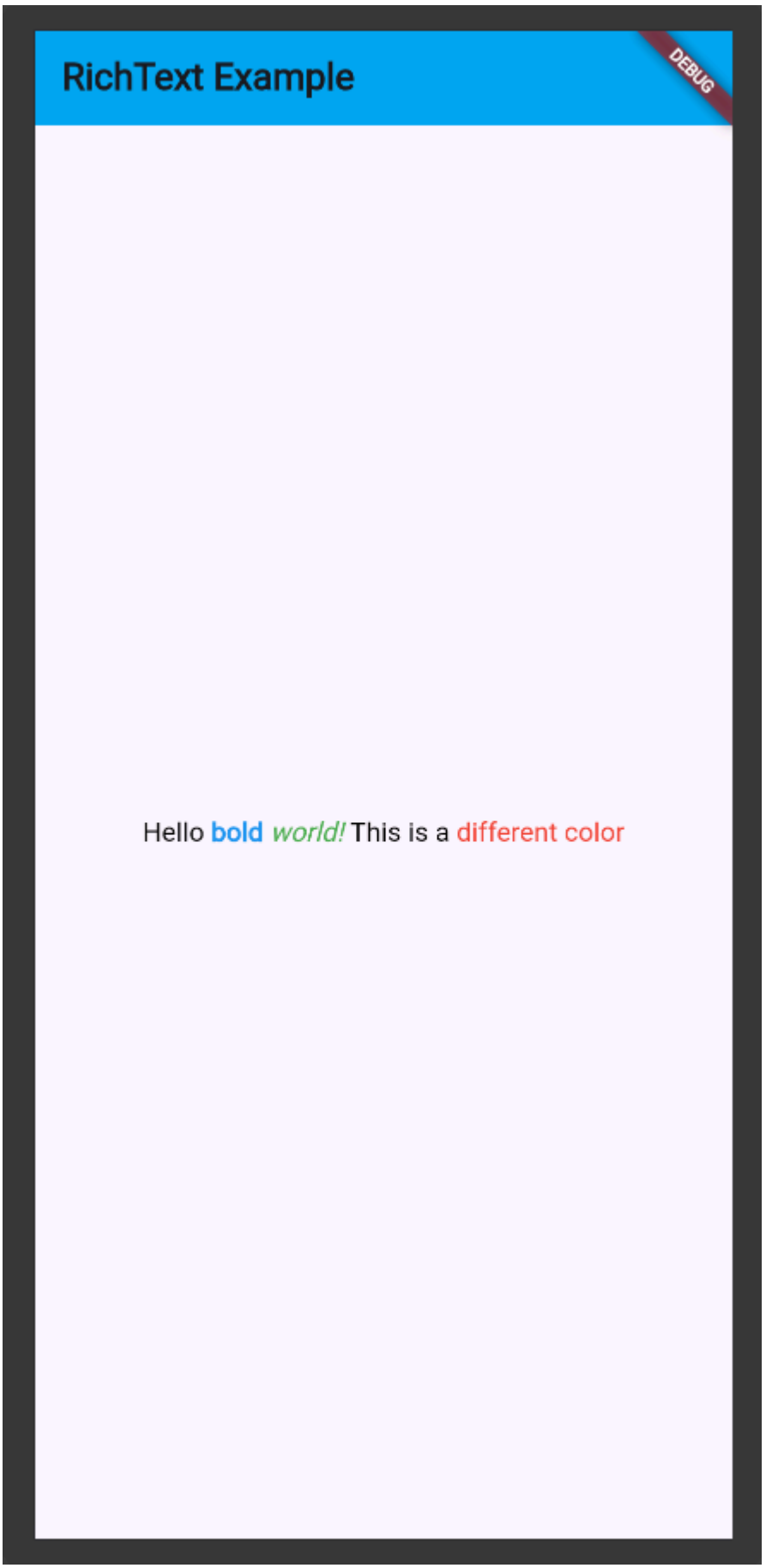
```dart
import 'package:flutter/material.dart';

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

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


uzma
DEBUG
Hello World

ASSIGNMENT 2

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

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     debugShowCheckedModeBanner: true, // Show DEBUG banner as in the
image
     home: Scaffold(
       appBar: AppBar(
         title: Text(
           'RichText Example',
           style: TextStyle(fontWeight: FontWeight.bold),
         ),
         backgroundColor: Colors.lightBlue,
       ),
       body: Center(
         child: RichText(
           text: TextSpan(
             style: TextStyle(fontSize: 16, color: Colors.black),
             children: <TextSpan>[
               TextSpan(text: 'Hello '),
               TextSpan(
                 text: 'bold ',
                 style: TextStyle(fontWeight: FontWeight.bold, color:
Colors.blue),
               ),
               TextSpan(
                 text: 'world! ',
                 style: TextStyle(fontStyle: FontStyle.italic, color:
Colors.green),
               ),
               TextSpan(text: 'This is a '),
               TextSpan(
                 text: 'different color',
                 style: TextStyle(color: Colors.red),
               ),
             ],
           ),
```

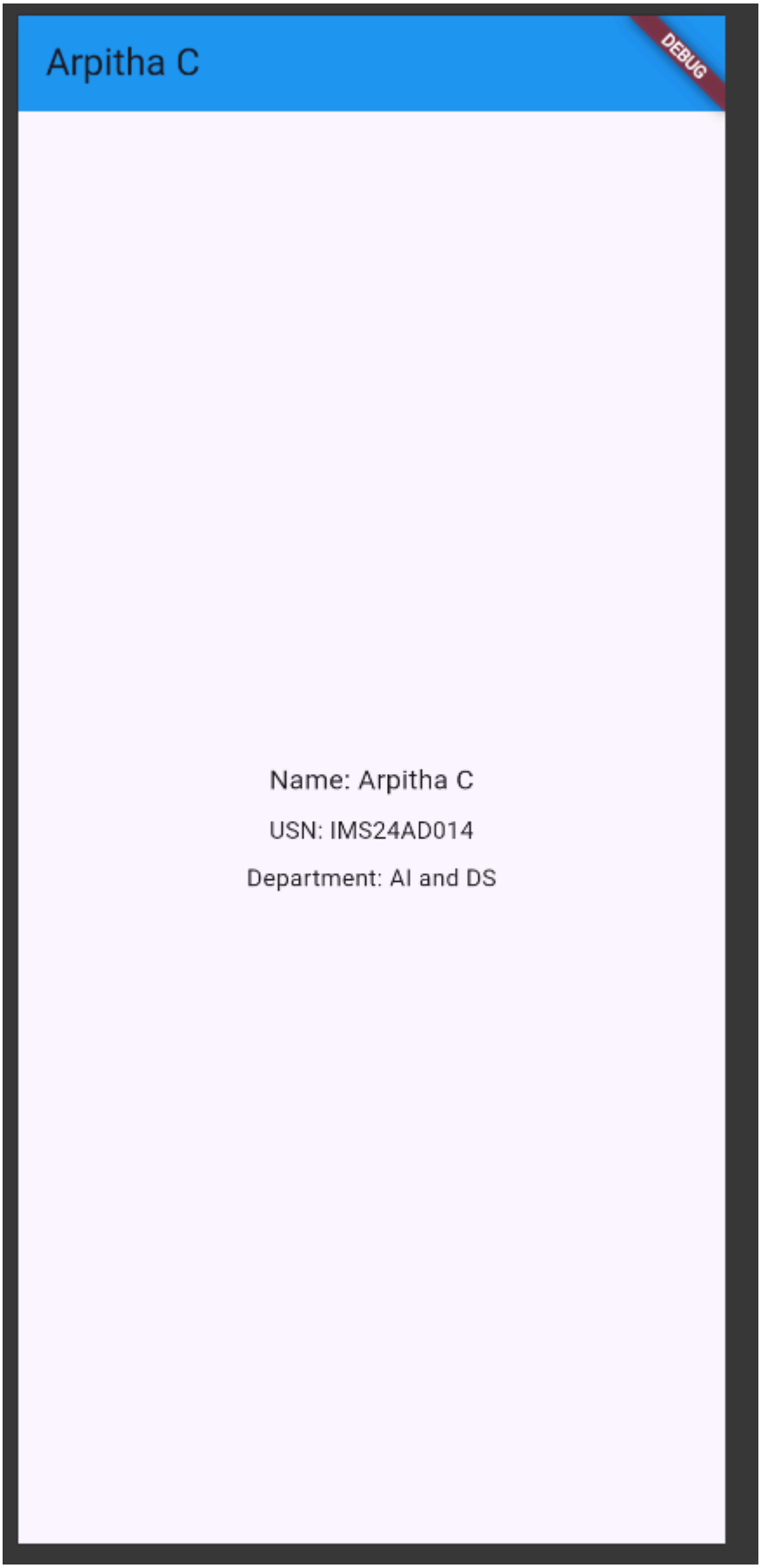
```
            ),
          ),
        ),
      );
  }
}
```


RichText Example
DEBUG
Hello bold world! This is a different color

ASSIGNMENT 3

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

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

class MyApp extends StatelessWidget {
 const MyApp({super.key});

 @override
 Widget build(BuildContext context) {
   return MaterialApp(

     home: Scaffold(
       appBar: AppBar(
         backgroundColor: Colors.blue,
         title: const Text('Arpitha C'),
         automaticallyImplyLeading: false,

       ),
       body: const Center(
         child: InfoCard(),
       ),
     ),
   );
 }
}

class InfoCard extends StatelessWidget {
 const InfoCard({super.key});

 @override
 Widget build(BuildContext context) {
   return Column(
     mainAxisAlignment: MainAxisAlignment.center,
     children: const [
       Text(
         'Name: Arpitha C',
         style: TextStyle(
           fontSize: 16,
           fontWeight: FontWeight.w500,
```

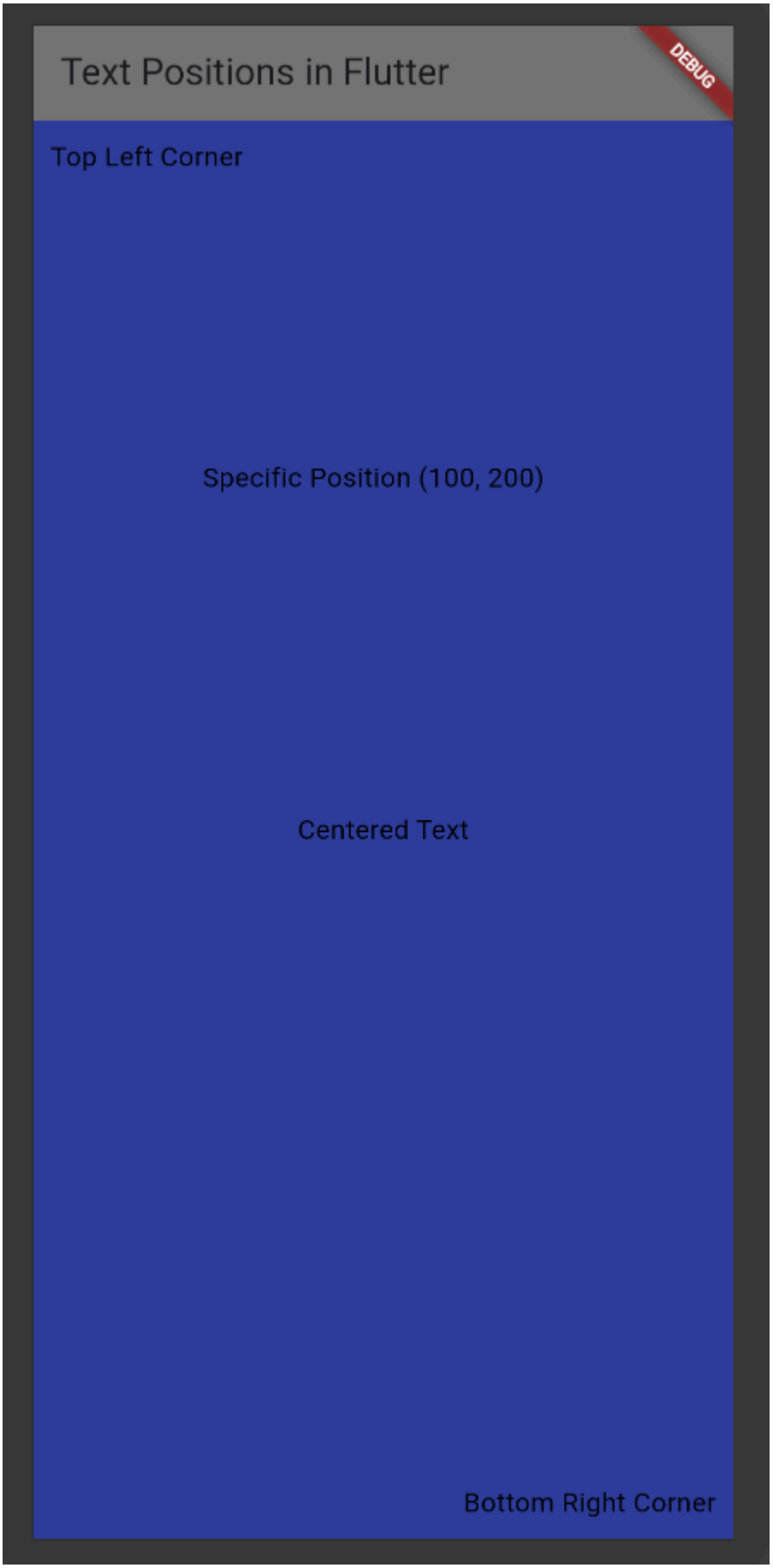
```
          ),
        ),
        SizedBox(height: 8),
        Text(
          'USN: IMS24AD014',
          style: TextStyle(
            fontSize: 14,
          ),
        ),
        SizedBox(height: 8),
        Text(
          'Department: AI and DS',
          style: TextStyle(
            fontSize: 14,
          ),
        ),
      ],
    );
  }
}
```


Arpitha C
DEBUG
Name: Arpitha C
USN: IMS24AD014
Department: AI and DS

ASSIGNMENT 4

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

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

class MyApp extends StatelessWidget {
 const MyApp({super.key});

 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     title: 'Text Positions in Flutter',
     home: Scaffold(
       appBar: AppBar(
         title: const Text('Text Positions in Flutter'),
         backgroundColor: Colors.grey[600],
       ),
       body: Container(
         color: Colors.indigo[700],
         child: Stack(
           children: [
             // Top Left Corner
             const Positioned(
               top: 10,
               left: 10,
               child: Text(
                 'Top Left Corner',
                 style: TextStyle(color: Colors.black, fontSize: 16),
               ),
             ),
             // Specific Position (100, 200)
             const Positioned(
               top: 200,
               left: 100,
               child: Text(
                 'Specific Position (100, 200)',
                 style: TextStyle(color: Colors.black, fontSize: 16),
               ),
             ),
             // Centered Text
```

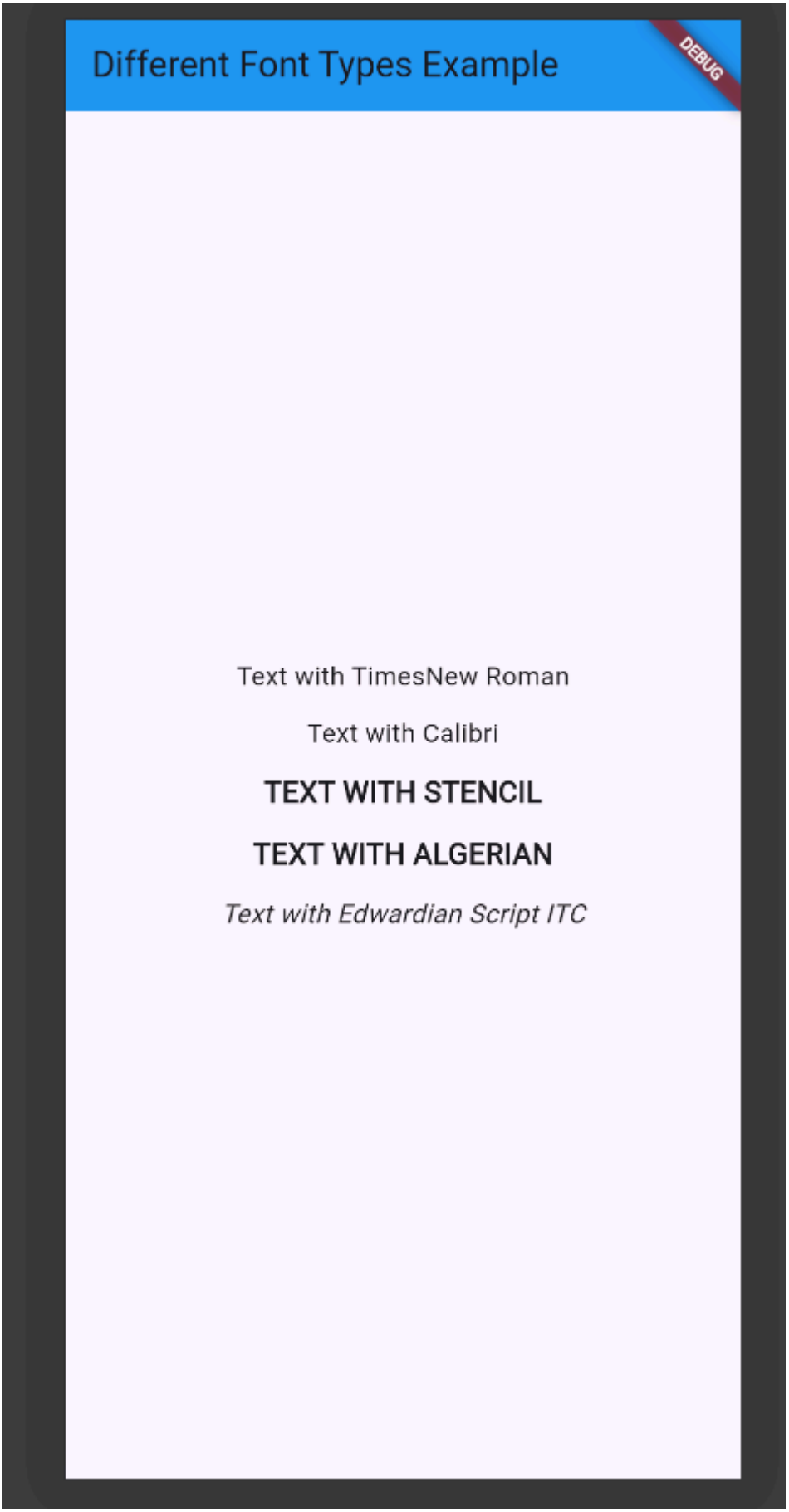
```
            Center(
              child: Text(
                'Centered Text',
                style: TextStyle(color: Colors.black, fontSize: 16),
              ),
            ),
            // Bottom Right Corner
            Positioned(
              bottom: 10,
              right: 10,
              child: Text(
                'Bottom Right Corner',
                style: TextStyle(color: Colors.black, fontSize: 16),
              ),
            ),
          ],
        ),
      ),
    ),
  );
 }
}
```


Text Positions in Flutter
DEBUG
Top Left Corner
Specific Position (100, 200)
Centered Text
Bottom Right Corner

ASSIGNMENT 5

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

void main() {
 runApp(const FontExampleApp());
}

class FontExampleApp extends StatelessWidget {
 const FontExampleApp({Key? key}) : super(key: key);

 @override
 Widget build(BuildContext context) {
   return MaterialApp(
     home: Scaffold(
       appBar: AppBar(
         title: const Text('Different Font Types Example'),
         backgroundColor: Colors.blue,

       ),
       body: const FontTextDemo(),
     ),
   );
 }
}

class FontTextDemo extends StatelessWidget {
 const FontTextDemo({Key? key}) : super(key: key);

 @override
 Widget build(BuildContext context) {
   return Center(
     child: Column(
       mainAxisAlignment: MainAxisAlignment.center,
       children: const [
         Text(
           'Text with TimesNew Roman',
           style: TextStyle(
             fontFamily: 'Times New Roman',
             fontSize: 16,
           ),
         ),
         SizedBox(height: 12),
```

```
          Text(
            'Text with Calibri',
            style: TextStyle(
              fontFamily: 'Calibri',
              fontSize: 16,
            ),
          ),
          SizedBox(height: 12),
          Text(
            'TEXT WITH STENCIL',
            style: TextStyle(
              fontFamily: 'Stencil',
              fontWeight: FontWeight.bold,
              fontSize: 18,
            ),
          ),
          SizedBox(height: 12),
          Text(
            'TEXT WITH ALGERIAN',
            style: TextStyle(
              fontFamily: 'Algerian',
              fontWeight: FontWeight.bold,
              fontSize: 18,
            ),
          ),
          SizedBox(height: 12),
          Text(
            'Text with Edwardian Script ITC',
            style: TextStyle(
              fontFamily: 'Edwardian Script ITC',
              fontStyle: FontStyle.italic,
              fontSize: 16,
            ),
          ),
        ],
      ),
    );
  }
}
```


Different Font Types Example
DEBUG
Text with TimesNew Roman
Text with Calibri
TEXT WITH STENCIL
TEXT WITH ALGERIAN
Text with Edwardian Script ITC