

DAY 3 07/08/2025

EXERCISE 1 :

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Row Widget Example',
      home: Scaffold(
        appBar: AppBar(title: Text('Row Widget Example')),
        body: Center(child: MyRowWidget()),
      ),
    );
  }
}

class MyRowWidget extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Row(
      mainAxisAlignment: MainAxisAlignment.spaceEvenly,
      children: <Widget>[
        Container(width: 80, height: 80, color: Colors.red),
        Container(width: 80, height: 80, color: Colors.green),
        Container(width: 80, height: 80, color: Colors.blue),
      ],
    );
  }
}
```

Row Widget Example

DEBUG



EXERCISE 2:

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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Column Example',
      home: Scaffold(
        appBar: AppBar(title: const Text('Ramaiah Chairman Profile')),
        body: const Center(child: UserProfile()),
      ),
    );
  }
}

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

  @override
  Widget build(BuildContext context) {
    return const Column(
      mainAxisAlignment: MainAxisAlignment.center,
      children: <Widget>[
        CircleAvatar(
          radius: 50,
          backgroundImage: NetworkImage(
            'https://tse4.mm.bing.net/th?id=OIP.Qg7TYqt7lUzqcou6WlYYIwAAAA&pid=Api&P=0&h=220',
          ), // Replace with your image URL
        ),
        SizedBox(height: 20),
        Text(
          'Dr. M.S.Ramaiah',
          style: TextStyle(fontSize: 24, fontWeight: FontWeight.bold),
        ),
      ],
    );
  }
}
```

```
    ),  
    SizedBox(height: 10),  
    Text(  
      'Founder Chairman',  
      style: TextStyle(fontSize: 18, color: Colors.grey),  
    ),  
    SizedBox(height: 20),  
    Padding(  
      padding: EdgeInsets.symmetric(horizontal: 20),  
      child: Text(  
        'Mathikere Sampangi Ramaiah was born on 20 April 1922, in  
Madhugiri to Sampangappa and Narasamma.',  
        textAlign: TextAlign.center,  
        style: TextStyle(fontSize: 16),  
      ),  
    ),  
  ],  
);  
}  
}
```

Ramaiah Chairman Profile

DEBUG



Dr. M.S.Ramaiah

Founder Chairman

Mathikere Sampangi Ramaiah was born on 20 April 1922, in Madhugiri to Sampangappa and Narasamma.

EXERCISE 3 :

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

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

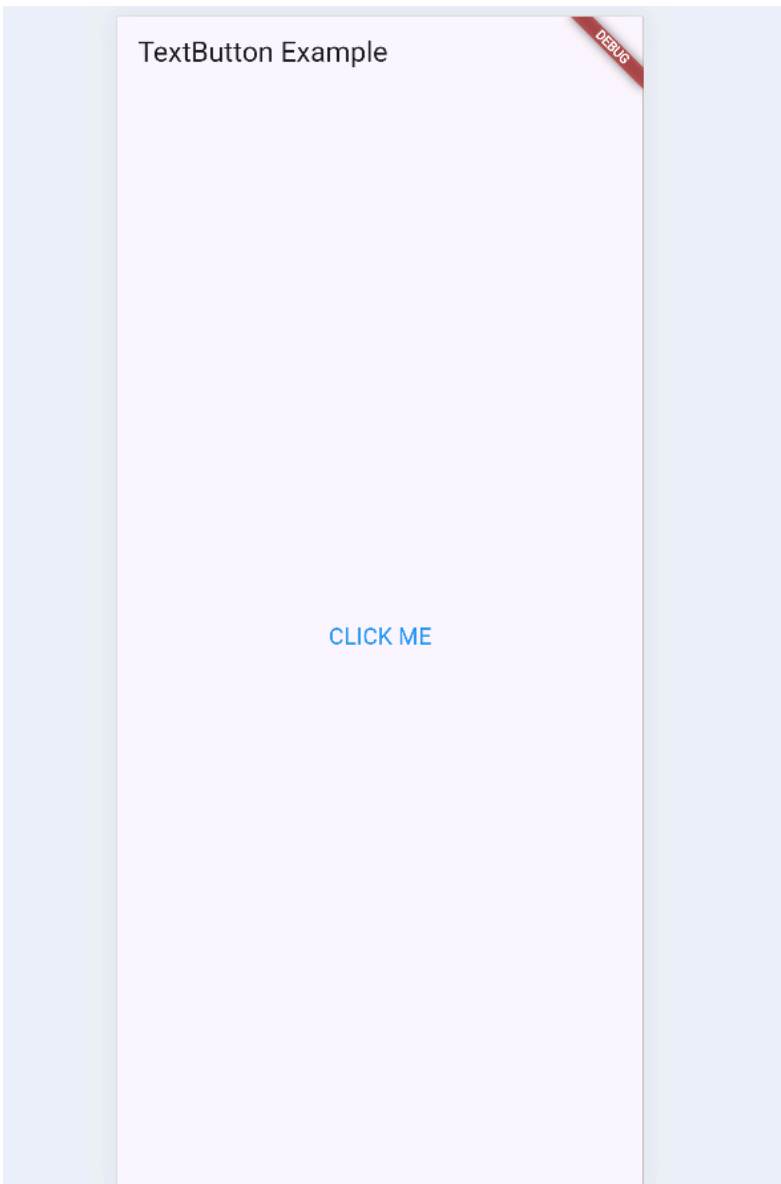
class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter TextButton Example',
      home: Scaffold(
        appBar: AppBar(title: const Text('TextButton Example')),
        body: Center(child: MyTextButton()),
      ),
    );
  }
}

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

  @override
  Widget build(BuildContext context) {
    return TextButton(
      onPressed: () {
        print('Button Pressed!');
      },
      child: const Text('CLICK ME', style: TextStyle(fontSize: 18)),
      style: ButtonStyle(
        foregroundColor: MaterialStateProperty.all<Color>(
          Colors.blue,
        ), // Text color
        overlayColor: MaterialStateProperty.all<Color>(
          Colors.blueAccent.withOpacity(0.2),
        ), // Color when pressed
      ),
    );
  }
}
```

```
}
```



```
A Dart VM Service on Chrome is available at: http://127.0.0.1:37427/PKGkeIbvsVk=
The Flutter DevTools debugger and profiler on Chrome is available at: http://127.0.0.1:9102?uri=http://127.0.0.1:37427/PKGkeIbvsVk=
Button Pressed!
```

EXERCISE 4 :

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

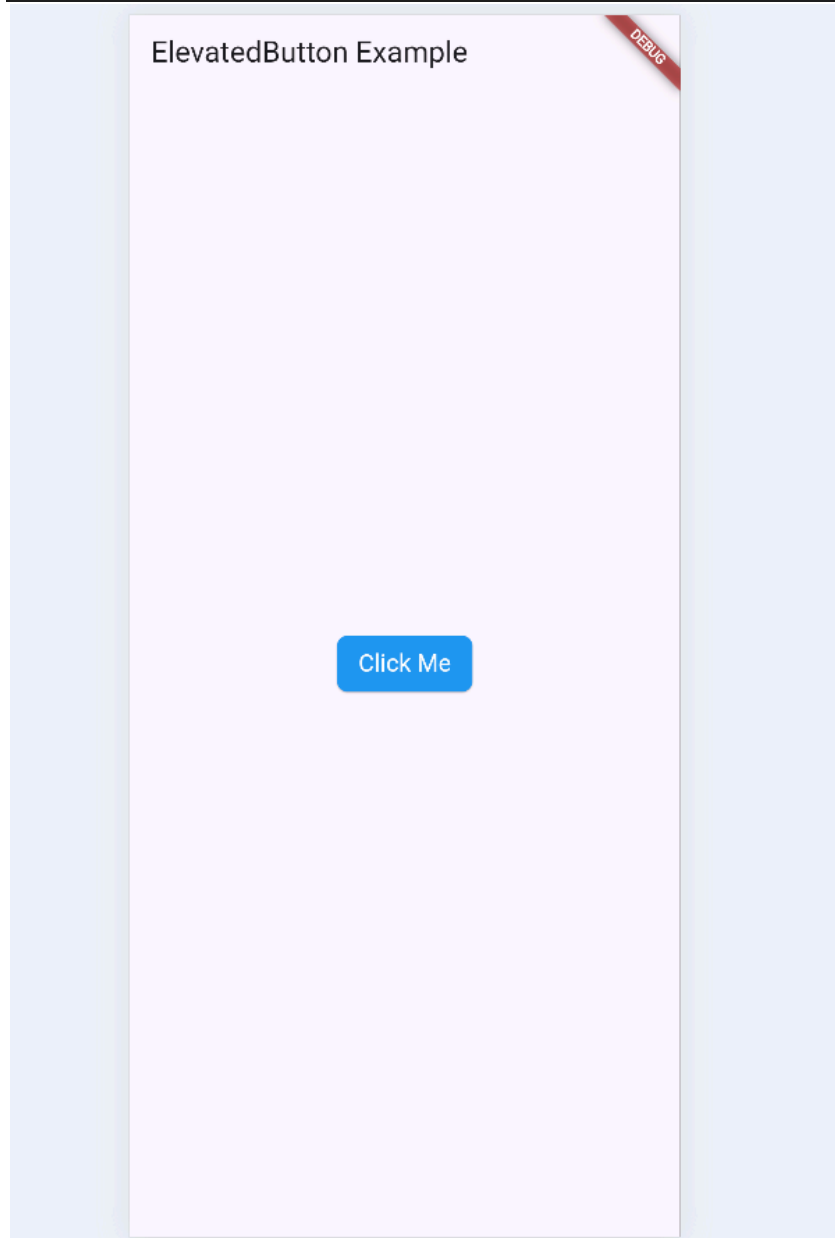
void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter ElevatedButton Example',
      home: Scaffold(
        appBar: AppBar(title: const Text('ElevatedButton Example')),
        body: Center(child: MyElevatedButton()),
      ),
    );
  }
}

class MyElevatedButton extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return ElevatedButton(
      onPressed: () {
        print('Button Clicked!');
      },
      child: const Text('Click Me', style: TextStyle(fontSize: 18)),
      style: ElevatedButton.styleFrom(
        backgroundColor: Colors.blue, // replaces 'primary'
        foregroundColor: Colors.white, // replaces 'onPrimary'
        padding: const EdgeInsets.all(16),
        shape: RoundedRectangleBorder(borderRadius:
BorderRadius.circular(8)),
      ),
    );
  }
}
```



```
}  
}
```



```
A Dart VM Service on Chrome is available at: http://127.0.0.1:45637/s-HqalW5fQEY=  
The Flutter DevTools debugger and profiler on Chrome is available at: http://127.0.0.1:9102?uri=http://127.0.0.1:45637/  
Button Clicked!
```

EXERCISE 5:

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

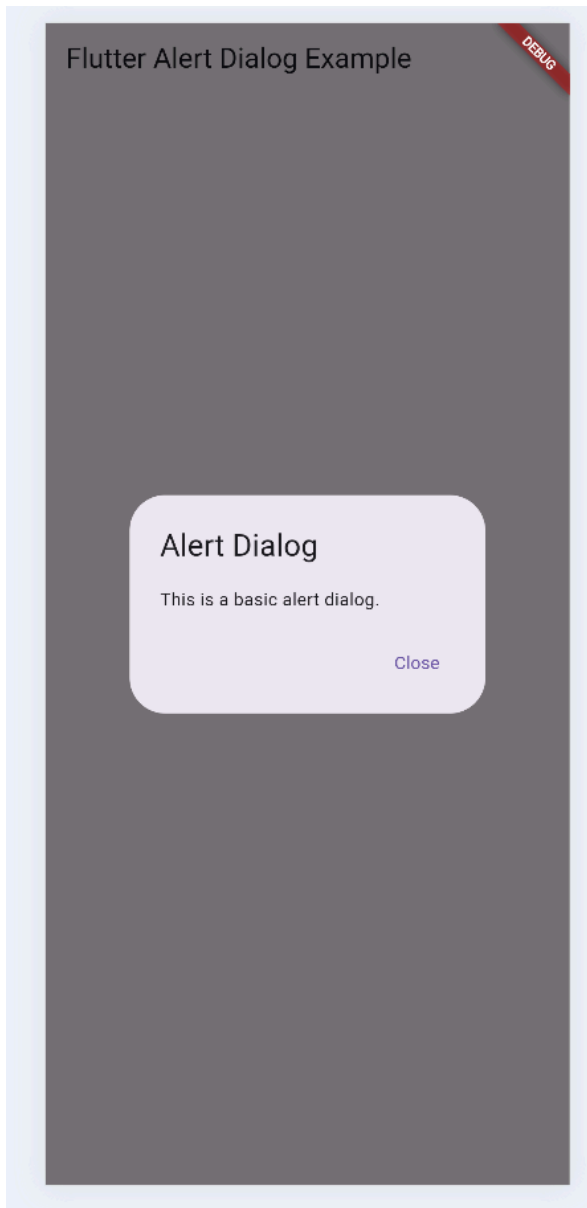
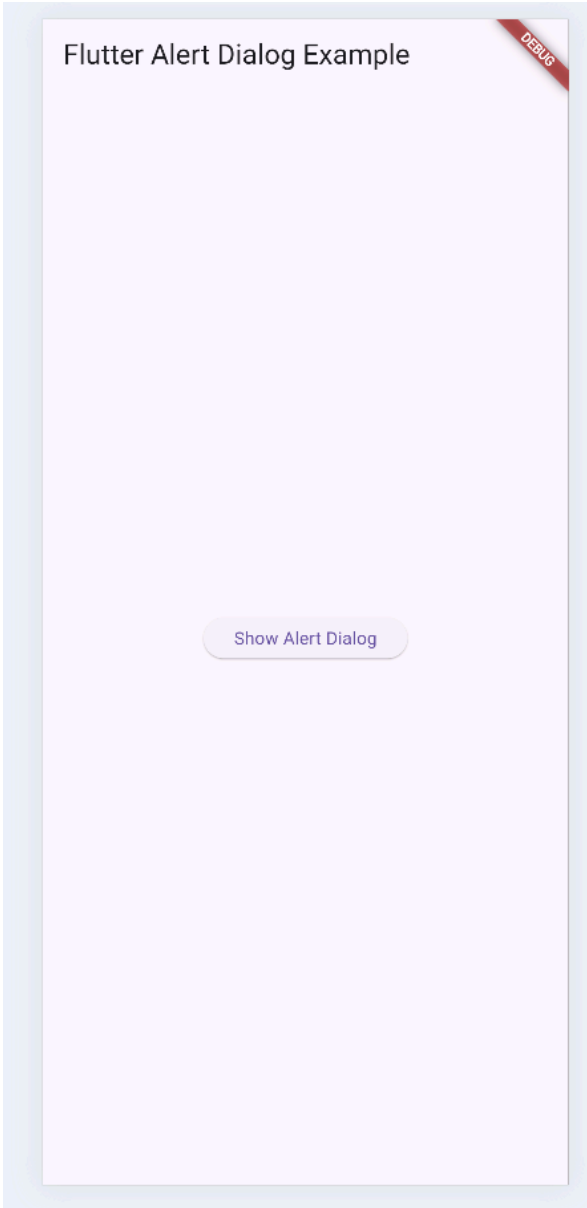
void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(home: MyHomePage());
  }
}

class MyHomePage extends StatelessWidget {
  void _showAlertDialog(BuildContext context) {
    showDialog(
      context: context,
      builder: (BuildContext context) {
        return AlertDialog(
          title: Text("Alert Dialog"),
          content: Text("This is a basic alert dialog."),
          actions: <Widget>[
            TextButton(
              child: Text("Close"),
              onPressed: () {
                Navigator.of(context).pop();
              },
            ),
          ],
        );
      },
    );
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: Text("Flutter Alert Dialog Example")),
    );
  }
}
```

```
body: Center(  
  child: ElevatedButton(  
    onPressed: () {  
      _showAlertDialog(context);  
    },  
    child: Text("Show Alert Dialog"),  
  ),  
,  
);  
}
```



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

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: MyHomePage(),
    );
  }
}

class MyHomePage extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Flutter Icons Example"),
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: <Widget>[
            Icon(
              Icons.star,
              size: 100.0,
              color: Colors.yellow,
            ),
            Text("Star Icon", style: TextStyle(fontSize: 20.0)),
            SizedBox(height: 20.0),
            Icon(
              Icons.favorite,
              size: 100.0,
              color: Colors.red,
            ),
            Text("Favorite Icon", style: TextStyle(fontSize: 20.0)),
            SizedBox(height: 20.0),
            Icon(
```

```
Icons.local_florist,  
size: 100.0,  
color: Colors.green,  
),  
Text("Florist Icon", style: TextStyle(fontSize: 20.0)),  
],  
),  
),  
);  
}  
}
```

