

## lib\main.dart

```
1 // Practical 3
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5
6 import 'package:flutter/material.dart';
7
8 void main() ⇒ runApp(MyApp());
9
10 class MyApp extends StatelessWidget {
11   @override
12   Widget build(BuildContext context) {
13     return MaterialApp(
14       title: 'Sum Calculator',
15       theme: ThemeData(
16         primarySwatch: Colors.blue,
17       ),
18       home: SumCalculator(),
19     );
20   }
21 }
22
23 class SumCalculator extends StatefulWidget {
24   @override
25   _SumCalculatorState createState() ⇒ _SumCalculatorState();
26 }
27
28 class _SumCalculatorState extends State<SumCalculator> {
29   final TextEditingController _controller1 = TextEditingController();
30   final TextEditingController _controller2 = TextEditingController();
31   String _result = '';
32
33   void _calculateSum() {
34     final int value1 = int.tryParse(_controller1.text) ?? 0;
35     final int value2 = int.tryParse(_controller2.text) ?? 0;
36     final int sum = value1 + value2;
37     setState(() {
38       _result = 'Sum: $sum';
39     });
40   }
41
42   @override
43   Widget build(BuildContext context) {
44     return Scaffold(
45       appBar: AppBar(
46         title: const Text('Sum Calculator'),
47       ),
48       body: Padding(
```

```

49 padding: const EdgeInsets.all(16.0),
50 child: Column(
51   mainAxisAlignment: MainAxisAlignment.center,
52   children: <Widget>[
53     TextField(
54       controller: _controller1,
55       keyboardType: TextInputType.number,
56       decoration: const InputDecoration(
57         labelText: 'Enter first number',
58       ),
59     ),
60     const SizedBox(height: 16),
61     TextField(
62       controller: _controller2,
63       keyboardType: TextInputType.number,
64       decoration: const InputDecoration(
65         labelText: 'Enter second number',
66       ),
67     ),
68     const SizedBox(height: 16),
69     ElevatedButton(
70       onPressed: _calculateSum,
71       child: const Text('Calculate Sum'),
72     ),
73     const SizedBox(height: 16),
74     Text(
75       _result,
76       style: const TextStyle(fontSize: 24),
77     ),
78   ],
79 ),
80 ),
81 );
82 }
83 }
84

```