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1 // PRACTICAL-4: Create a flutter app having a Slider and a Text widget. Display updated value in Text widget
  whenever user changes Slider value.
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6
7 // CODE:
8
9 import 'package:flutter/material.dart';
10
11 void main() {
12   runApp(MyApp());
13 }
14
15 class MyApp extends StatelessWidget {
16   @override
17   Widget build(BuildContext context) {
18     return MaterialApp(
19       title: 'PRACTICAL 4',
20       theme: ThemeData(
21         primarySwatch: Colors.blue,
22         visualDensity: VisualDensity.adaptivePlatformDensity,
23       ),
24       debugShowCheckedModeBanner: false,
25       home: SliderPage(),
26     );
27   }
28 }
29
30 class SliderPage extends StatefulWidget {
31   @override
32   _SliderPageState createState() => _SliderPageState();
33 }
34
35 class _SliderPageState extends State<SliderPage> {
36   double _sliderValue = 0.0;
37
38   void _updateSliderValue(double newValue) {
39     setState(() {
40       _sliderValue = newValue;
41     });
42   }
43
44   @override
45   Widget build(BuildContext context) {
46     return Scaffold(
47       appBar: AppBar(
48         title: Text('PRACTICAL 4'),
49       ),
50       body: Padding(
51         padding: const EdgeInsets.all(16.0),
52         child: Column(
53           mainAxisAlignment: MainAxisAlignment.center,
54           children: <Widget>[
55             Text(
56               'Value --> ${_sliderValue.toStringAsFixed(1)}',
57               style: TextStyle(fontSize: 32, fontWeight: FontWeight.bold),
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58 ),
59 SizedBox(height: 24),
60 Slider(
61   value: _sliderValue,
62   min: 0,
63   max: 100,
64   divisions: 100,
65   label: _sliderValue.toStringAsFixed(1),
66   onChanged: _updateSliderValue,
67   activeColor: Colors.teal,
68   inactiveColor: Colors.grey,
69 ),
70 Spacer(),
71 Text(
72   '202203103510097',
73   style: TextStyle(fontSize: 14, color: Colors.grey),
74 ),
75 ],
76 ),
77 ),
78 );
79 }
80 }
81 }
```