

1 // PRACTICAL-7: Develop a flutter app to display images of images of at least 10 products using GridView.

2

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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       home: GridViewExample(),

20       debugShowCheckedModeBanner: false, // To remove the debug banner

21     );

22   }

23 }

24

25 class GridViewExample extends StatelessWidget {

26   final List<String> productImages = [

27     'lib/assets/photo1.jpeg',

28     'lib/assets/photo2.jpeg',

29     'lib/assets/photo3.jpeg',

30     'lib/assets/photo4.jpeg',

31     'lib/assets/photo5.jpeg',

32     'lib/assets/photo6.jpeg',

33     'lib/assets/photo7.jpeg',

34     'lib/assets/photo8.JPG',

35     'lib/assets/photo9.JPG',

36     'lib/assets/photo10.JPG',

37   ];

38

39   @override

40   Widget build(BuildContext context) {

41     return Scaffold(

42       appBar: AppBar(

43          title: const Text('PRACTICAL 7'),

44       ),

45       body: Column(

46          children: [

47           Expanded(

48             child: GridView.builder(

49               gridDelegate: const SliverGridDelegateWithFixedCrossAxisCount(

50                  crossAxisCount: 2,

51                  crossAxisSpacing: 5,

52                  mainAxisSpacing: 2,

53             ),

54             itemCount: productImages.length,

55             itemBuilder: (context, index) {

56               return Card(

57                  child: Image.asset(

58                   productImages[index],

```

59         fit: BoxFit.fitHeight,
60     ),
61 );
62 },
63 ),
64 ),
65 Footer(), // Custom footer widget
66 ],
67 ),
68 );
69 }
70 }
71
72 class Footer extends StatelessWidget {
73   @override
74   Widget build(BuildContext context) {
75     return Padding(
76       padding: const EdgeInsets.all(16.0),
77       child: Text(
78         '202203103510097',
79         style: TextStyle(
80           fontSize: 14,
81           color: Colors.grey,
82         ),
83         textAlign: TextAlign.center,
84       ),
85     );
86   }
87 }

```