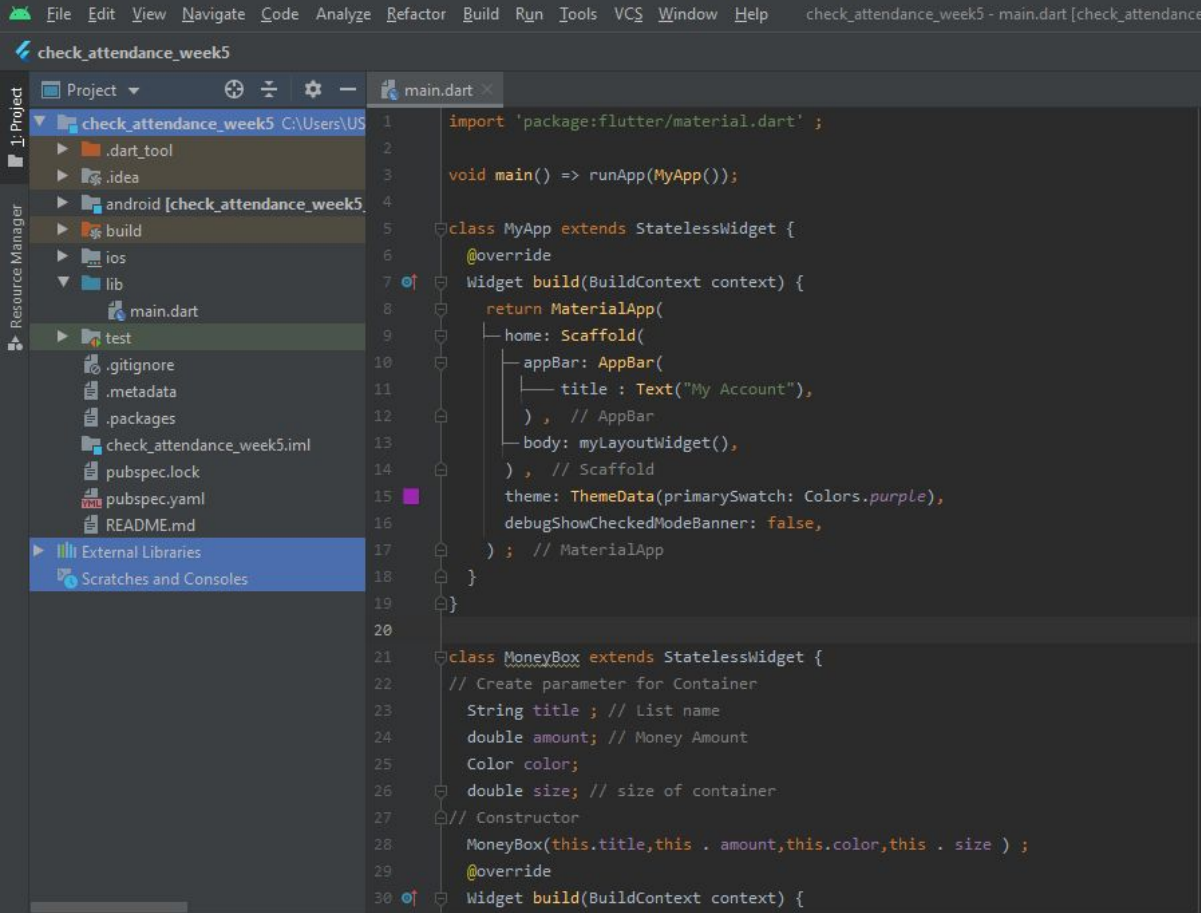


ANDROID PROGRAMMING WITH FLUTTER

Flutter Exercise page 33

Exploring widget

Source code



The screenshot shows an IDE window titled 'check_attendance_week5 - main.dart [check_attendance...]' with the following Dart code:

```
1 import 'package:flutter/material.dart';
2
3 void main() => runApp(MyApp());
4
5 class MyApp extends StatelessWidget {
6   @override
7   Widget build(BuildContext context) {
8     return MaterialApp(
9       home: Scaffold(
10        appBar: AppBar(
11          title: Text("My Account"),
12        ), // AppBar
13        body: myLayoutWidget(),
14      ), // Scaffold
15      theme: ThemeData(primarySwatch: Colors.purple),
16      debugShowCheckedModeBanner: false,
17    ); // MaterialApp
18  }
19 }
20
21 class MoneyBox extends StatelessWidget {
22   // Create parameter for Container
23   String title; // List name
24   double amount; // Money Amount
25   Color color;
26   double size; // size of container
27   // Constructor
28   MoneyBox(this.title, this . amount, this.color, this . size );
29   @override
30   Widget build(BuildContext context) {
```

```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help check_attendance_week5 - main.dart [check_attendance_week5]

check_attendance_week5
Project
  check_attendance_week5 C:\Users\US...
    .dart_tool
    .idea
    android [check_attendance_week5]
    build
    ios
    lib
      main.dart
    test
      .gitignore
      .metadata
      .packages
      check_attendance_week5.iml
      pubspec.lock
      pubspec.yaml
      README.md
  External Libraries
  Scratches and Consoles

main.dart
28 MoneyBox(this.title,this . amount,this.color,this . size ) ;
29 @override
30 Widget build(BuildContext context) {
31   return Container(
32     padding: const EdgeInsets.all (10.0) ,
33     decoration: BoxDecoration(
34       color: color, borderRadius: BorderRadius.circular(10)), // BoxDecoration
35     height: size ,
36     child: Row(
37       children: [
38         Text(
39           title ,
40           style : TextStyle(fontSize: 30, color: Colors.white),
41         ) , // Text
42         Expanded(
43           child: Text(
44             amount.toString(),
45             style : TextStyle(fontSize: 30, color: Colors.white),
46             textAlign: TextAlign.right,
47           ) , // Text
48         ) , // Expanded
49       ],
50     ) , // Row
51   ) ; // Container
52 }
53 }
54 // replace this method with code in the examples below
55 Widget myLayoutWidget() {
56   return Padding(
57     padding: const EdgeInsets.all (10.0) ,
```

```
File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help check_attendance_week5 - main.dart [check_attendance_week5] - Android Studio

check_attendance_week5
Project
  check_attendance_week5 C:\Users\US...
    .dart_tool
    .idea
    android [check_attendance_week5]
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      .metadata
      .packages
      check_attendance_week5.iml
      pubspec.lock
      pubspec.yaml
      README.md
  External Libraries
  Scratches and Consoles

main.dart
48   ) , // Expanded
49   ],
50   ) , // Row
51   ) ; // Container
52 }
53 }
54 // replace this method with code in the examples below
55 Widget myLayoutWidget() {
56   return Padding(
57     padding: const EdgeInsets.all (10.0) ,
58     child: Column(
59       children: [
60         MoneyBox('Balance',100000,Colors.lightBlue,120 ),
61         SizedBox(height: 10,) ,
62         MoneyBox('Income',50000,Colors.green,100 ),
63         SizedBox(height: 10,) ,
64         MoneyBox('Expense',40000,Colors.red,100 ),
65         SizedBox(height: 10,) ,
66         MoneyBox('Overdue',3600,Colors.orange,100 ),
67         SizedBox(height: 10,) ,
68       ],
69     ) , // Column
70   ) ; // Padding
71 }
72 }
```

Emulator mode

