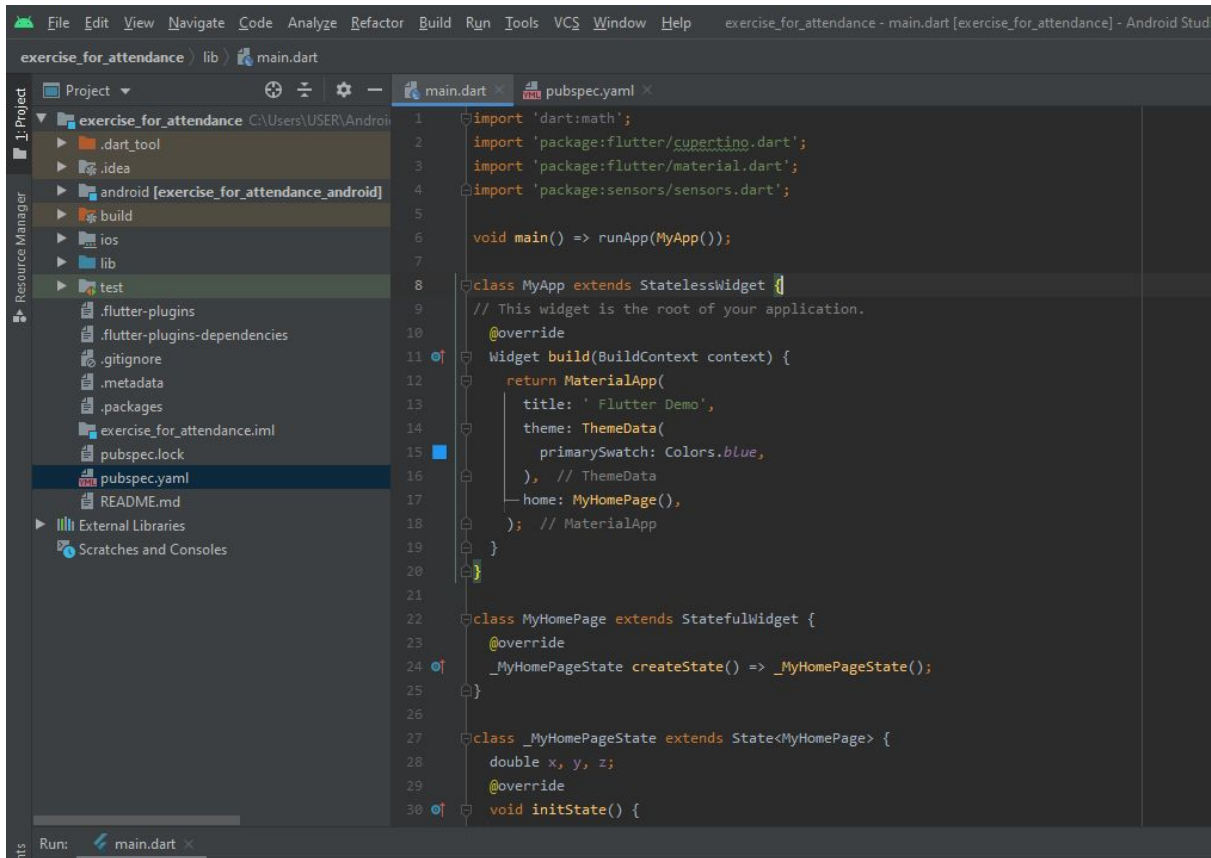
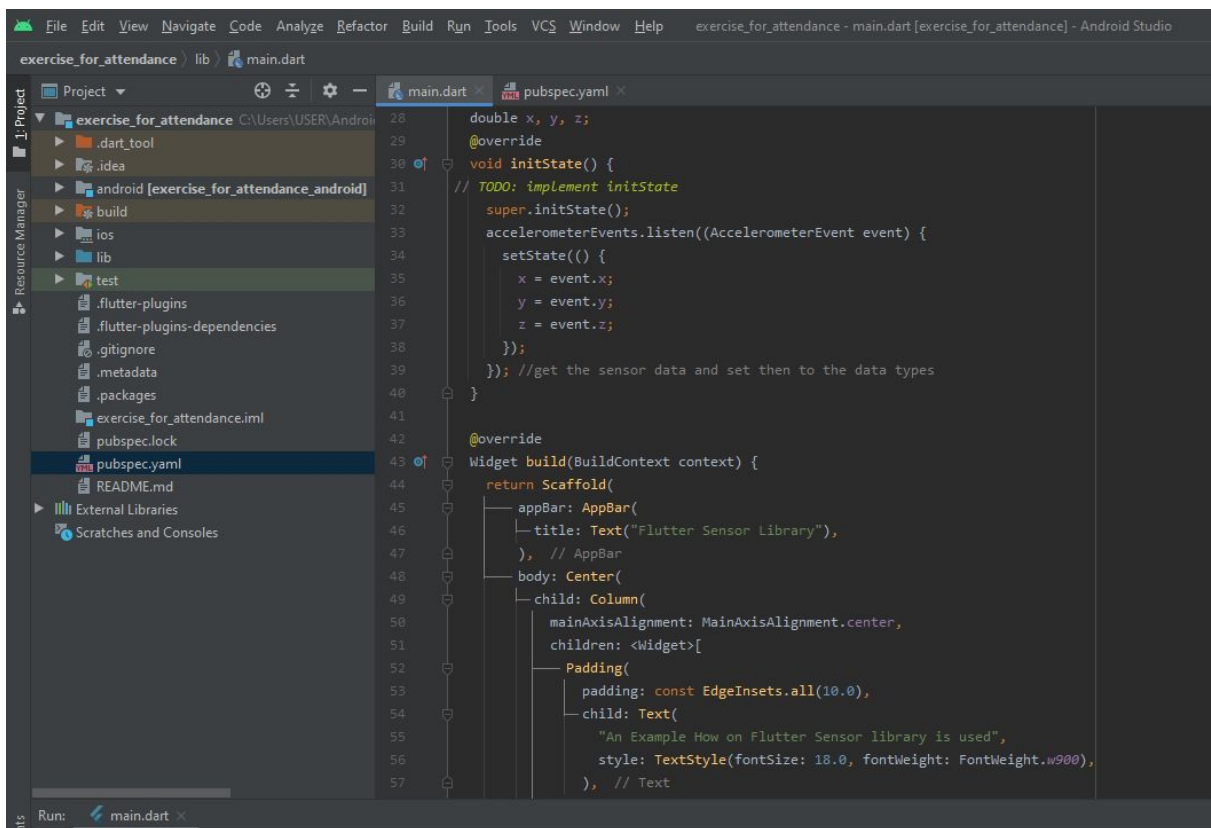


## Exercise for Attendance

### Code



```
1 import 'dart:math';
2 import 'package:flutter/cupertino.dart';
3 import 'package:flutter/material.dart';
4 import 'package:sensors/sensors.dart';
5
6 void main() => runApp(MyApp());
7
8 class MyApp extends StatelessWidget {
9   // This widget is the root of your application.
10  @override
11  Widget build(BuildContext context) {
12    return MaterialApp(
13      title: 'Flutter Demo',
14      theme: ThemeData(
15        primarySwatch: Colors.blue,
16      ), // ThemeData
17      home: MyHomePage(),
18    ); // MaterialApp
19  }
20 }
21
22 class MyHomePage extends StatefulWidget {
23   @override
24   _MyHomePageState createState() => _MyHomePageState();
25 }
26
27 class _MyHomePageState extends State<MyHomePage> {
28   double x, y, z;
29   @override
30   void initState() {
```



```
28   double x, y, z;
29   @override
30   void initState() {
31     // TODO: implement initState
32     super.initState();
33     accelerometerEvents.listen((AccelerometerEvent event) {
34       setState(() {
35         x = event.x;
36         y = event.y;
37         z = event.z;
38       });
39     }); //get the sensor data and set then to the data types
40   }
41
42   @override
43   Widget build(BuildContext context) {
44     return Scaffold(
45       appBar: AppBar(
46         title: Text("Flutter Sensor Library"),
47       ), // AppBar
48       body: Center(
49         child: Column(
50           mainAxisAlignment: MainAxisAlignment.center,
51           children: <Widget>[
52             Padding(
53               padding: const EdgeInsets.all(10.0),
54               child: Text(
55                 "An Example How on Flutter Sensor library is used",
56                 style: TextStyle(fontSize: 18.0, fontWeight: FontWeight.w900),
57               ), // Text
```

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help exercise\_for\_attendance - main.dart [exercise\_for\_attendance] - Android Studio

exercise\_for\_attendance lib main.dart

Project

- exercise\_for\_attendance C:\Users\USER\AndroidStudio\workspace\exercise\_for\_attendance
- .dart\_tool
- .idea
- android [exercise\_for\_attendance\_android]
- build
- ios
- lib
- test
- .flutter-plugins
- .flutter-plugins-dependencies
- .gitignore
- .metadata
- .packages
- exercise\_for\_attendance.iml
- pubspec.lock
- pubspec.yaml
- README.md
- External Libraries
- Scratches and Consoles

main.dart

```
55 "An Example How on Flutter Sensor library is used",
56 style: TextStyle(fontSize: 18.0, fontWeight: FontWeight.w900),
57 ), // Text
58 ), // Padding
59 Table(
60   border: TableBorder.all(
61     width: 2.0,
62     color: Colors.blueAccent,
63     style: BorderStyle.solid), // TableBorder.all
64   children: [
65     TableRow(
66       children: [
67         Padding(
68           padding: const EdgeInsets.all(8.0),
69           child: Text(
70             "X Asis : ",
71             style: TextStyle(fontSize: 20.0),
72             ), // Text
73         ), // Padding
74         Padding(
75           padding: const EdgeInsets.all(8.0),
76           child: Text(
77             x.toStringAsFixed(
78               2), //trim the asis value to after decimal point
79             style: TextStyle(fontSize: 20.0)), // Text
80         ) // Padding
81       ],
82     ), // TableRow
83     TableRow(
84       children: [
```

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help exercise\_for\_attendance - main.dart [exercise\_for\_attendance] - Android Studio

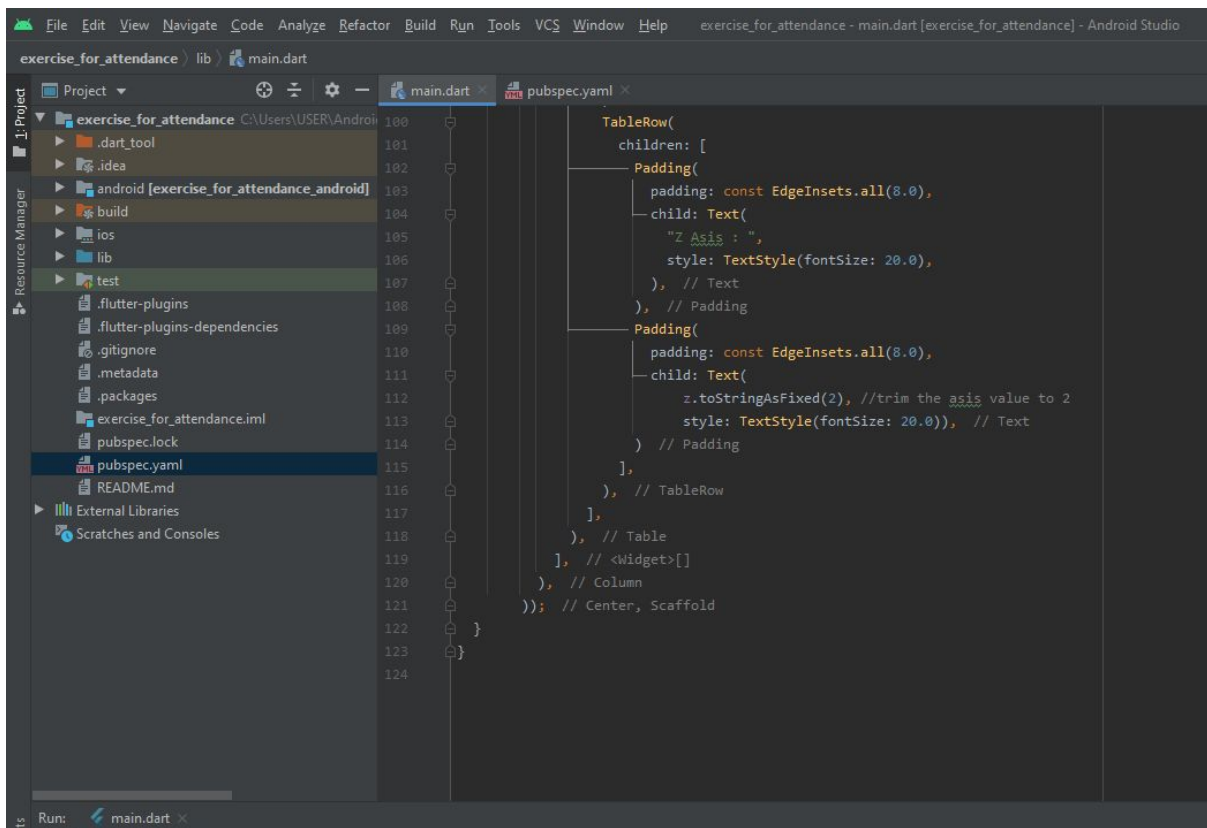
exercise\_for\_attendance lib main.dart

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- Scratches and Consoles

main.dart

```
82   ), // TableRow
83   TableRow(
84     children: [
85       Padding(
86         padding: const EdgeInsets.all(8.0),
87         child: Text(
88           "Y Asis : ",
89           style: TextStyle(fontSize: 20.0),
90           ), // Text
91       ), // Padding
92       Padding(
93         padding: const EdgeInsets.all(8.0),
94         child: Text(
95           y.toStringAsFixed(2), //trim the asis value to 2
96           style: TextStyle(fontSize: 20.0)), // Text
97       ) // Padding
98     ],
99   ), // TableRow
100   TableRow(
101     children: [
102       Padding(
103         padding: const EdgeInsets.all(8.0),
104         child: Text(
105           "Z Asis : ",
106           style: TextStyle(fontSize: 20.0),
107           ), // Text
108       ), // Padding
109       Padding(
110         padding: const EdgeInsets.all(8.0),
111         child: Text(
```



## Screen short

