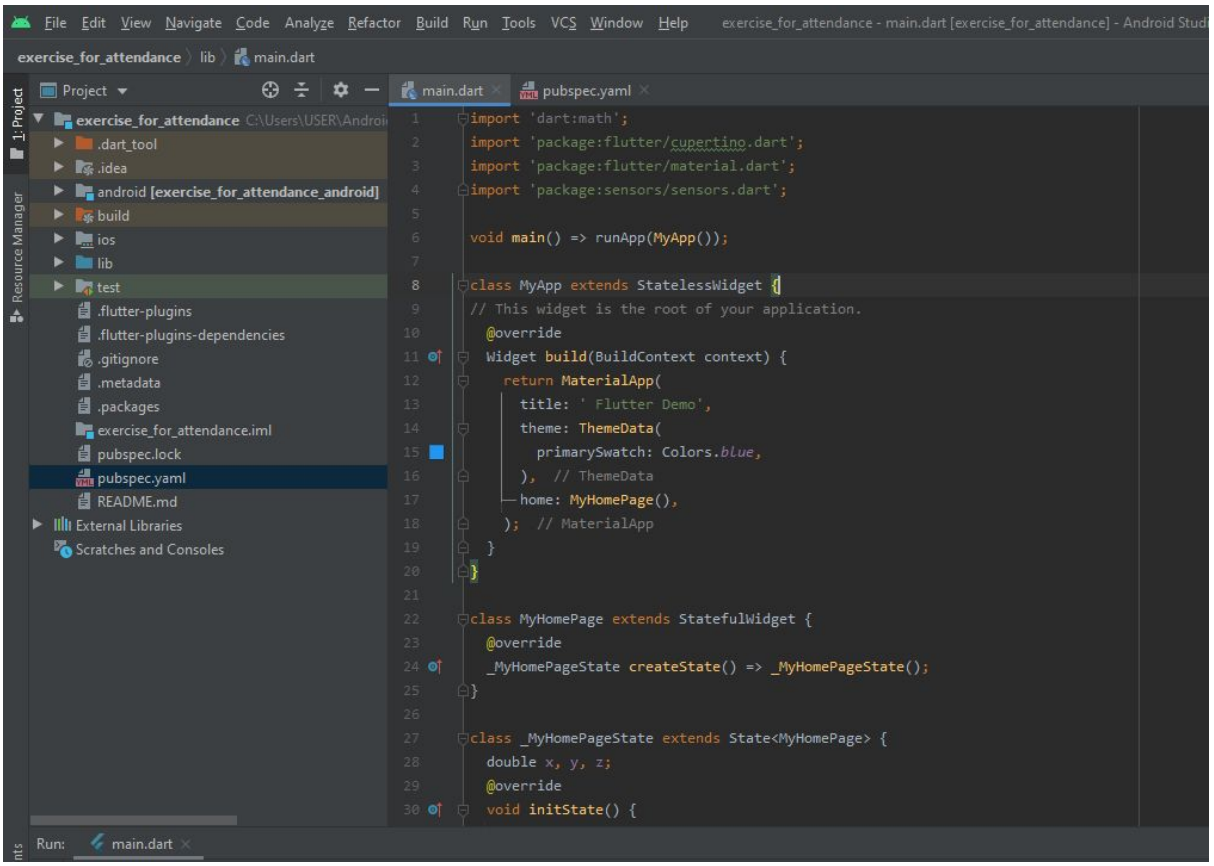
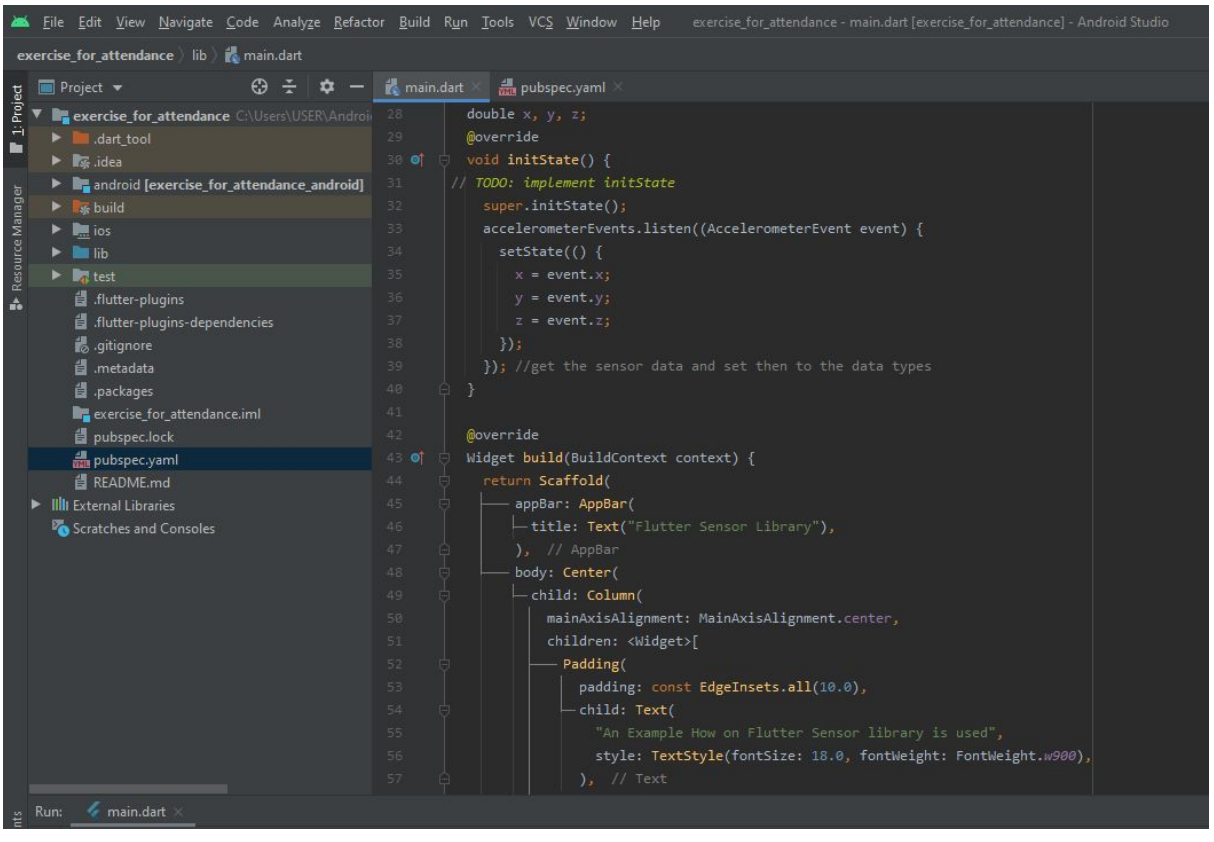
Exercise for Attendance

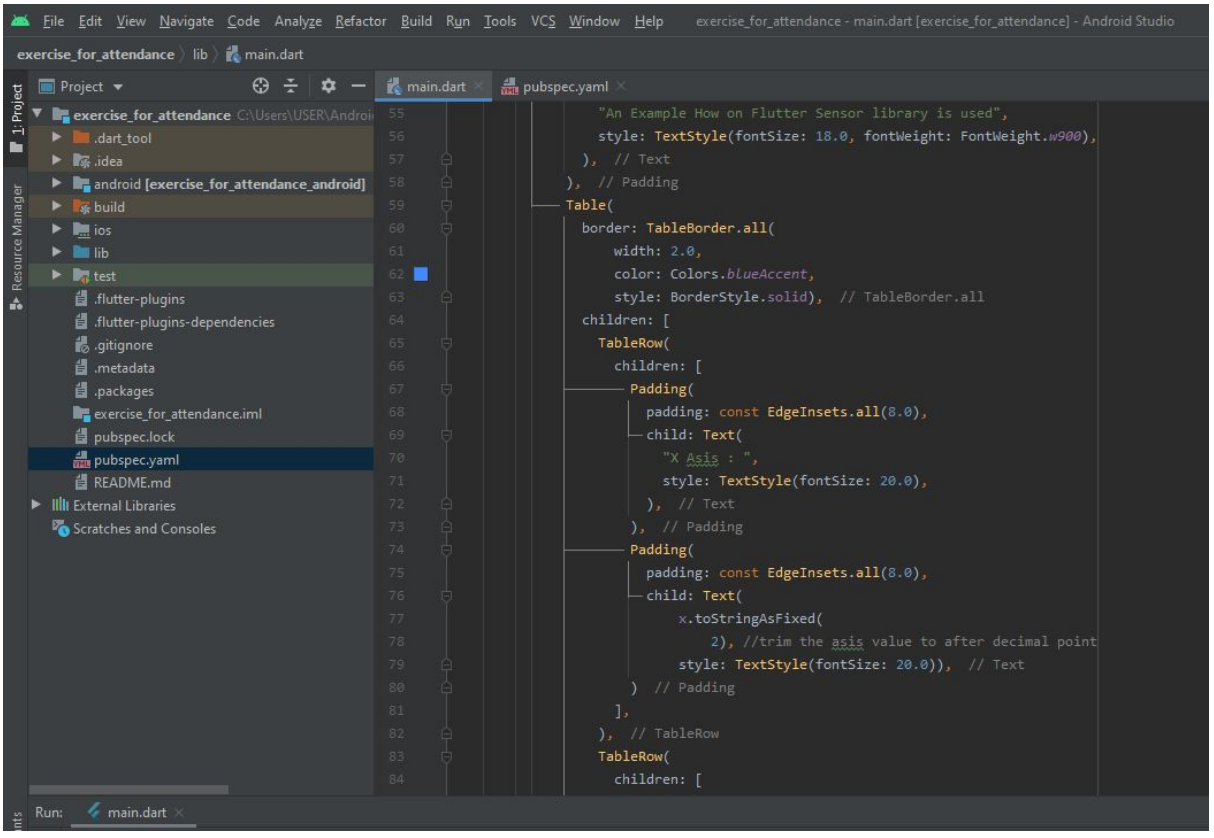
Code

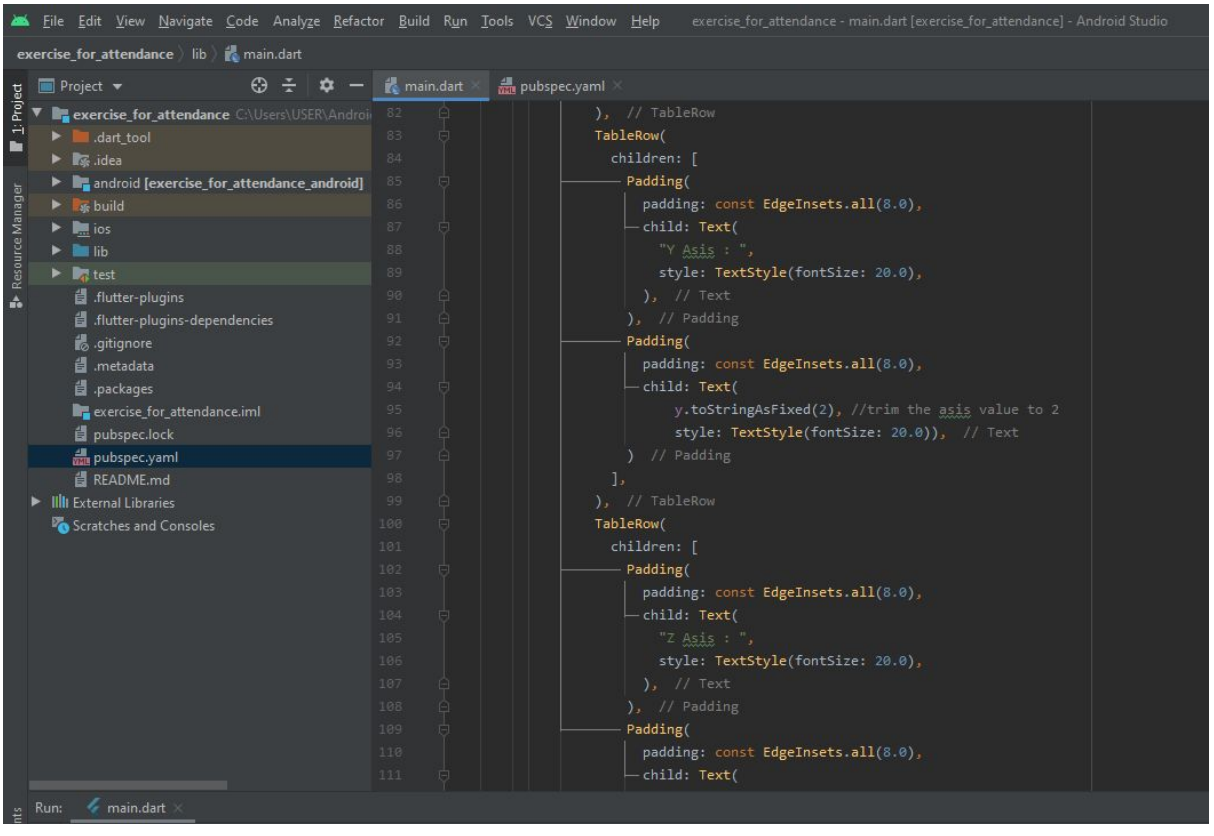


```
import 'dart:math';
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';
import 'package:sensors/sensors.dart';

void main() => runApp(MyApp());

class MyApp extends StatelessWidget {
// This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: ' Flutter Demo',
      theme: ThemeData(
        primarySwatch: Colors.blue,
      ),  // ThemeData
      home: MyHomePage(),
    );  // MaterialApp
  }
}

class MyHomePage extends StatefulWidget {
  @override
  _MyHomePageState createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  double x, y, z;
  @override
  void initState() {
```



```
  double x, y, z;
  @override
  void initState() {
// TODO: implement initState
    super.initState();
    accelerometerEvents.listen((AccelerometerEvent event) {
      setState(() {
        x = event.x;
        y = event.y;
        z = event.z;
      });
    }); //get the sensor data and set then to the data types
  }

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Flutter Sensor Library"),
      ),  // AppBar
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: <Widget>[
            Padding(
              padding: const EdgeInsets.all(10.0),
              child: Text(
                "An Example How on Flutter Sensor library is used",
                style: TextStyle(fontSize: 18.0, fontWeight: FontWeight.w900),
              ),  // 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
main.dart
pubspec.yaml
exercise_for_attendance C:\Users\USER\Androi
.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
"An Example How on Flutter Sensor library is used",
style: TextStyle(fontSize: 18.0, fontWeight: FontWeight.w900),
), // Text
), // Padding
Table(
border: TableBorder.all(
width: 2.0,
color: Colors.blueAccent,
style: BorderStyle.solid), // TableBorder.all
children: [
TableRow(
children: [
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
"X Asis : ",
style: TextStyle(fontSize: 20.0),
), // Text
), // Padding
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
x.toStringAsFixed(
2), //trim the asis value to after decimal point
style: TextStyle(fontSize: 20.0)), // Text
) // Padding
],
), // TableRow
TableRow(
children: [
Run: main.dart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), // TableRow
TableRow(
children: [
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
"Y Asis : ",
style: TextStyle(fontSize: 20.0),
), // Text
), // Padding
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
y.toStringAsFixed(2), //trim the asis value to 2
style: TextStyle(fontSize: 20.0)), // Text
) // Padding
],
), // TableRow
TableRow(
children: [
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
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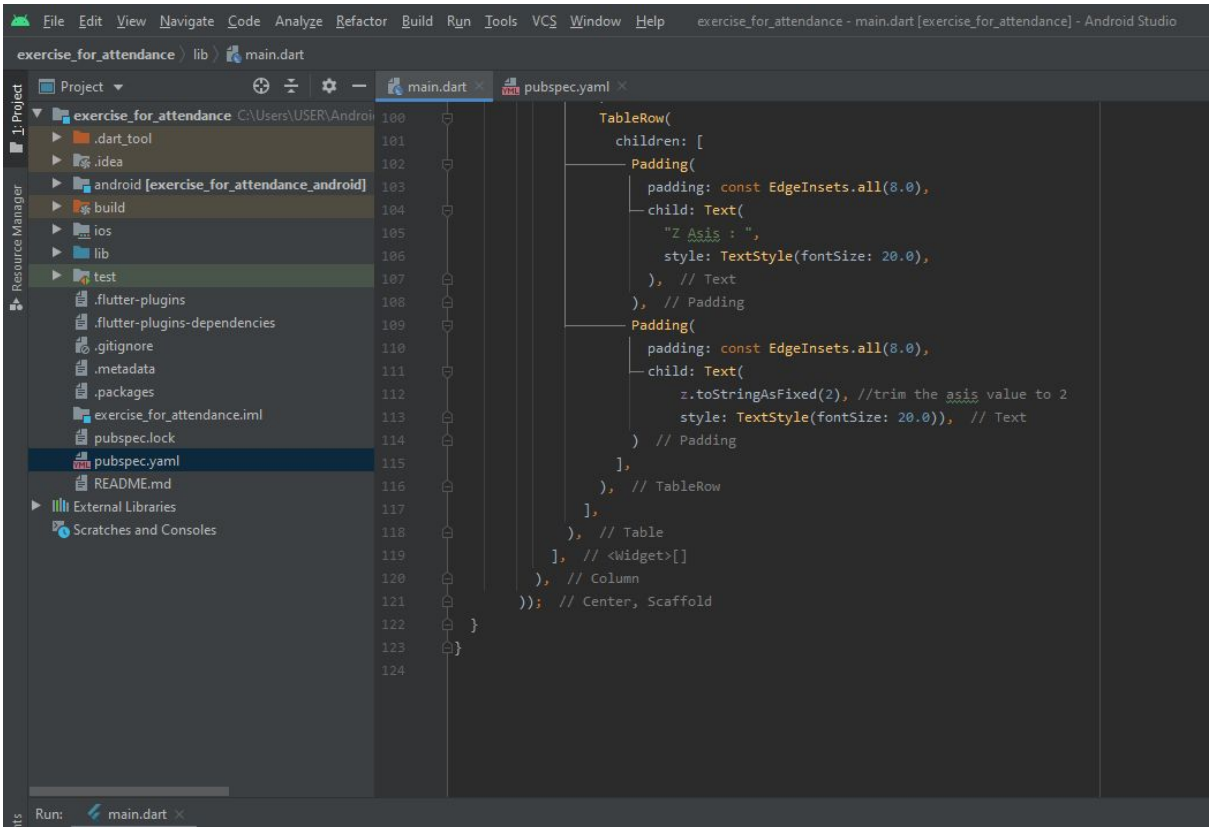
), // Text
), // Padding
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
Run: main.dart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child: Text(
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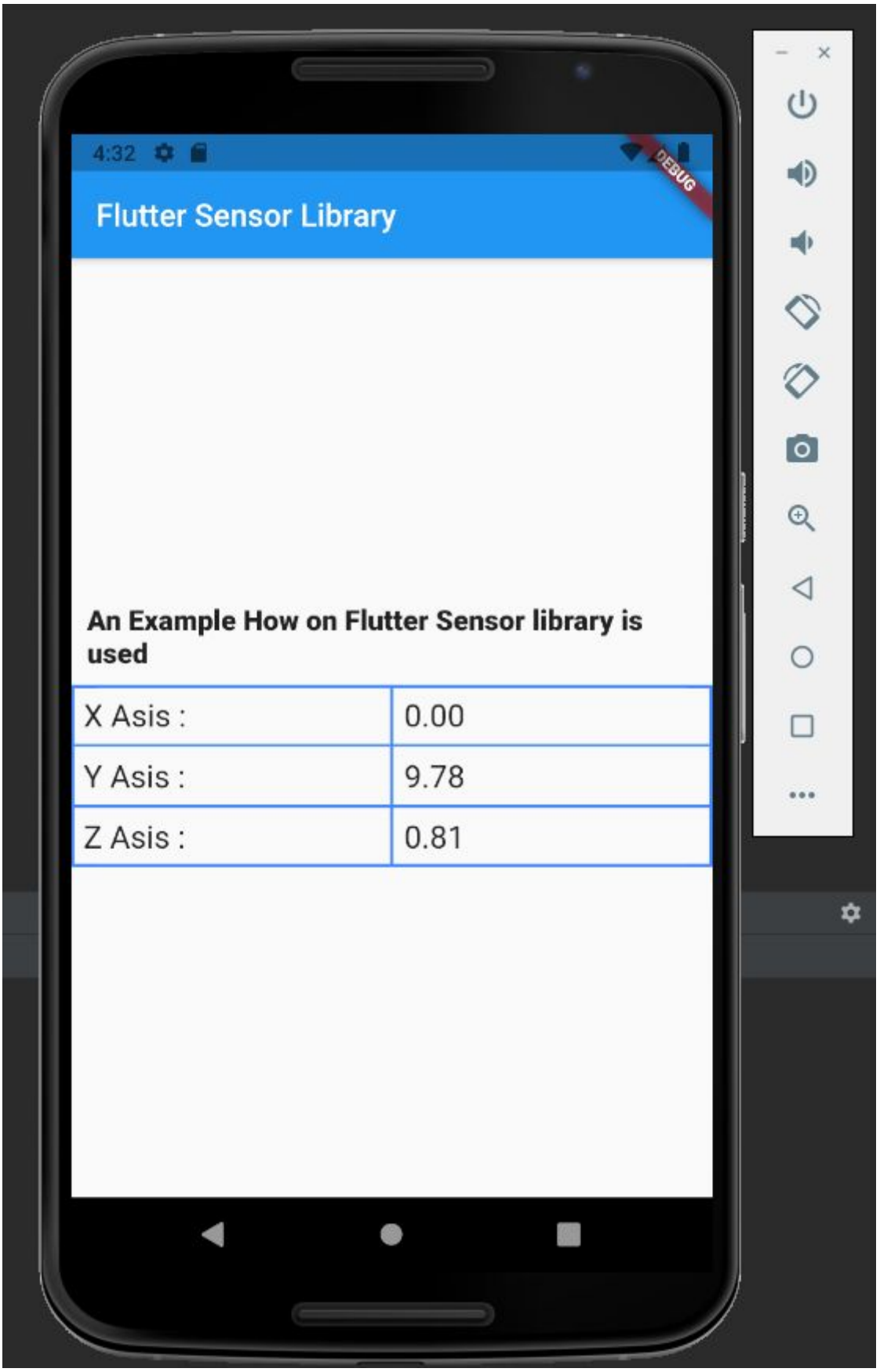
style: TextStyle(fontSize: 20.0),
), // Text
), // Padding
Padding(
padding: const EdgeInsets.all(8.0),
child: Text(
z.toStringAsFixed(2), //trim the asis value to 2
style: TextStyle(fontSize: 20.0)), // Text
) // Padding
],
), // TableRow
], // Table
), // <Widget>[]
), // Column
)); // Center, Scaffold
}
}
Run:
main.dart

Screen short