



-: Lab 08 :-

lab09 - main.dart [lab09]

lab09 > lib > main.dart

Pixel 5 API 31 1 (mobile) main.dart Pixel 5 API 31_1

Project

- lab09
- .dart_tool
- .idea
- android [lab09_android]
- build
- ios
- lib
 - main.dart
- test
 - .gitignore
 - .metadata
 - .packages
 - analysis_options.yaml
 - lab09.iml
 - pubspec.lock
 - pubspec.yaml
 - README.md
- External Libraries
- Scratches and Consoles

```
10 Widget build(BuildContext context) {
11   return Scaffold(
12     appBar: AppBar(
13       title: Text('PADDING'),
14       centerTitle: true,
15       backgroundColor: Colors.purple,
16     ), // AppBar
17     body: Padding(
18       padding: EdgeInsets.all(50),
19       child: Text('Hello Padding Only'),
20     ), // Padding
21
22     floatingActionButton: FloatingActionButton(
23       onPressed: () {},
24       child: Text('Click'),
25       backgroundColor: Colors.purple,
26     ), // FloatingActionButton
27   ); // Scaffold
```

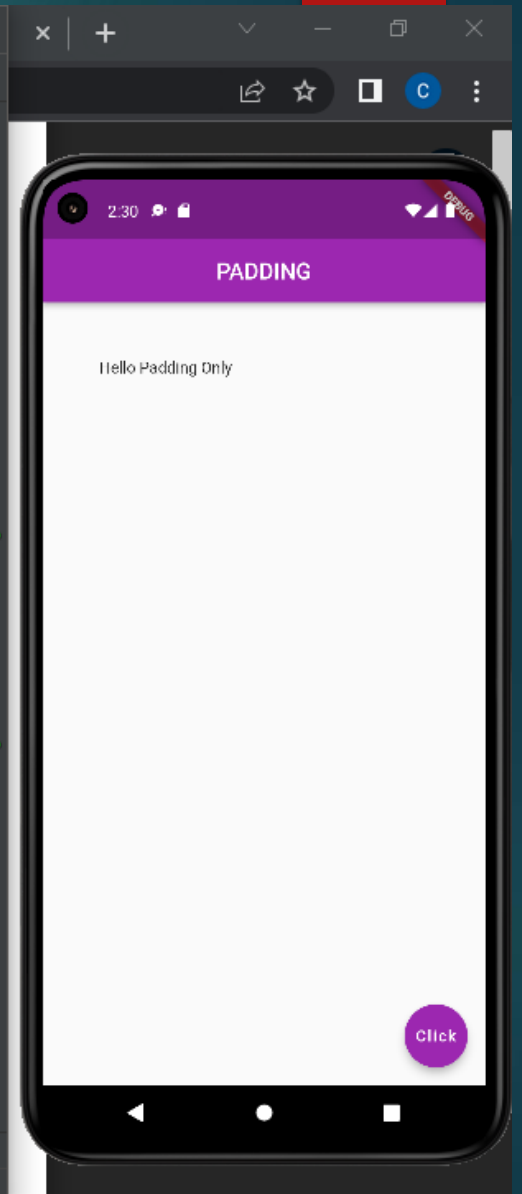
Run: main.dart

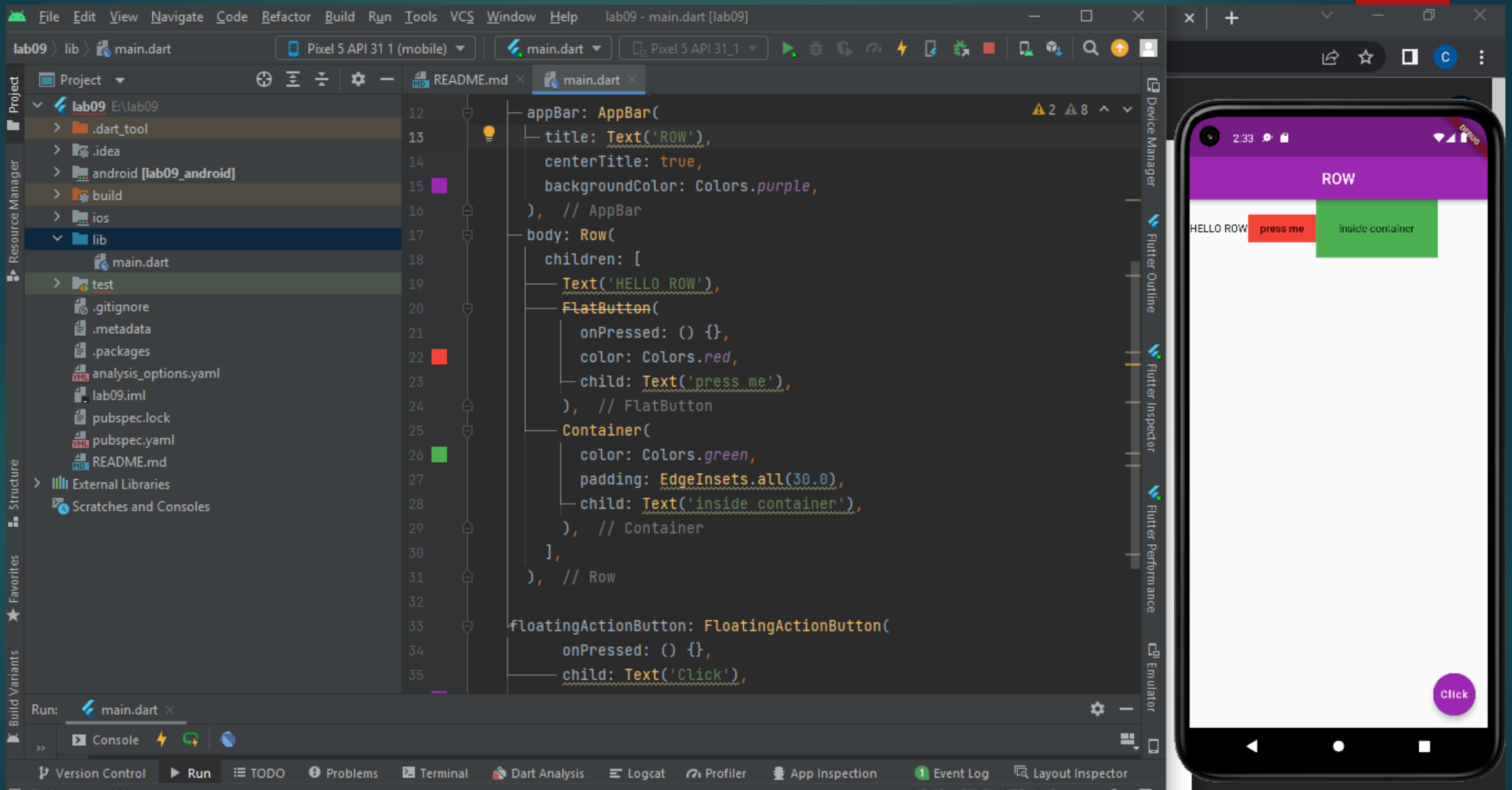
Console

Performing hot reload...
Syncing files to device sdk gphone64 x86 64...
Reloaded 1 of 585 libraries in 366ms.
D/EGL_emulation(6202): app_time_stats: avg=69965.48ms min=69965.48ms max=69965.48ms count=1

Version Control Run TODO Problems Terminal Dart Analysis Logcat Profiler App Inspection Event Log Layout Inspector

Prefer const with constant constructors. Prefer const with constant constructors.





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Resource Manager

Structure

Flutter Outline

Flutter Inspector

Flutter Performance

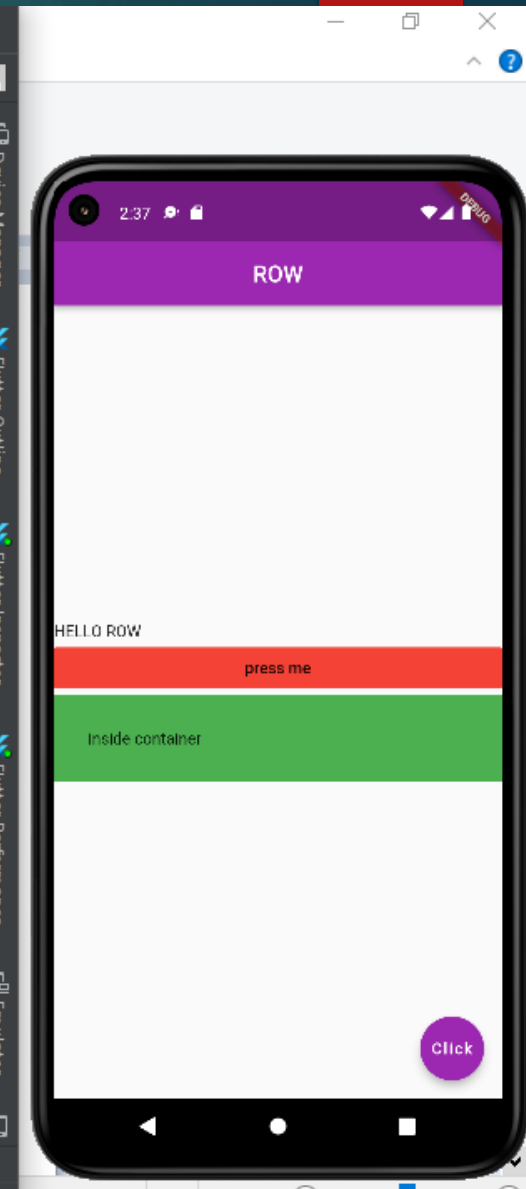
Emulator

```
19 mainAxisAlignment: MainAxisAlignment.center,
20 // mainAxisAlignment: MainAxisAlignment.end,
21 // mainAxisAlignment: MainAxisAlignment.spaceEvenly,
22 // mainAxisAlignment: MainAxisAlignment.spaceBetween,
23
24 crossAxisAlignment: CrossAxisAlignment.stretch,
25 // crossAxisAlignment: CrossAxisAlignment.end,
26 // crossAxisAlignment: CrossAxisAlignment.start,
27 // crossAxisAlignment: CrossAxisAlignment.center,
28 // crossAxisAlignment: CrossAxisAlignment.baseline,
29
30 children: [
31   Text('HELLO ROW'),
32   FlatButton(
33     onPressed: () {},
34     color: Colors.red,
35     child: Text('press me'),
36   ), // FlatButton
37   Container(
38     color: Colors.green,
39     padding: EdgeInsets.all(30.0),
40     child: Text('inside container'),
41   ), // Container
42 ],
```

Run: main.dart

Console

Version Control Run TODO Problems Terminal Dart Analysis Logcat Profiler App Inspection Event Log Layout Inspector



lab09 - main.dart [lab09]

lab09 > lib > main.dart

Pixel 5 API 31 1 (mobile) main.dart Pixel 5 API 31_1

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Resource Manager

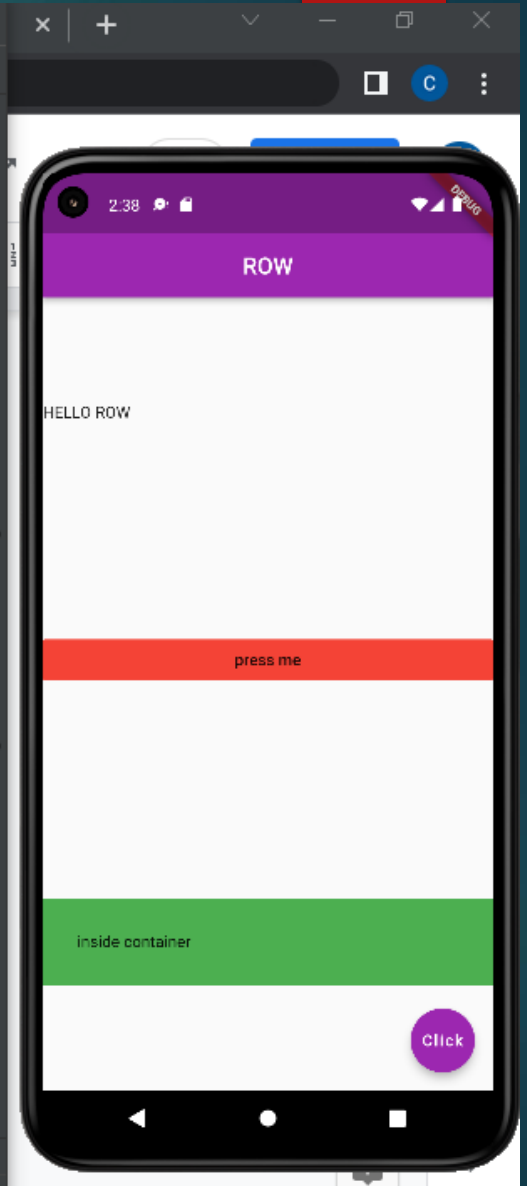
Structure

Run: main.dart

Console

Version Control Run TODO Problems Terminal Dart Analysis Logcat Profiler App Inspection 1 Event Log Layout Inspector

```
13 title: Text('ROW'),
14 centerTitle: true,
15 backgroundColor: Colors.purple,
16 ), // AppBar
17 body: Column(
18   mainAxisAlignment: MainAxisAlignment.spaceAround,
19   // mainAxisAlignment: MainAxisAlignment.center,
20   // mainAxisAlignment: MainAxisAlignment.end,
21   // mainAxisAlignment: MainAxisAlignment.spaceEvenly,
22   // mainAxisAlignment: MainAxisAlignment.spaceBetween,
23
24   crossAxisAlignment: CrossAxisAlignment.stretch,
25   // crossAxisAlignment: CrossAxisAlignment.end,
26   // crossAxisAlignment: CrossAxisAlignment.start,
27   // crossAxisAlignment: CrossAxisAlignment.center,
28   // crossAxisAlignment: CrossAxisAlignment.baseline,
29
30   children: [
31     Text('HELLO ROW'),
32     FlatButton(
33       onPressed: () {},
34       color: Colors.red,
35       child: Text('press me'),
36     ), // FlatButton
```



lab09 - main.dart [lab09]

lab09 > lib > main.dart

Pixel 5 API 31 1 (mobile) main.dart Pixel 5 API 31_1

Project

- lab09 E:\lab09
 - .dart_tool
 - .idea
 - android [lab09_android]
 - build
 - ios
 - lib
 - main.dart
 - test
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 - .metadata
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Resource Manager

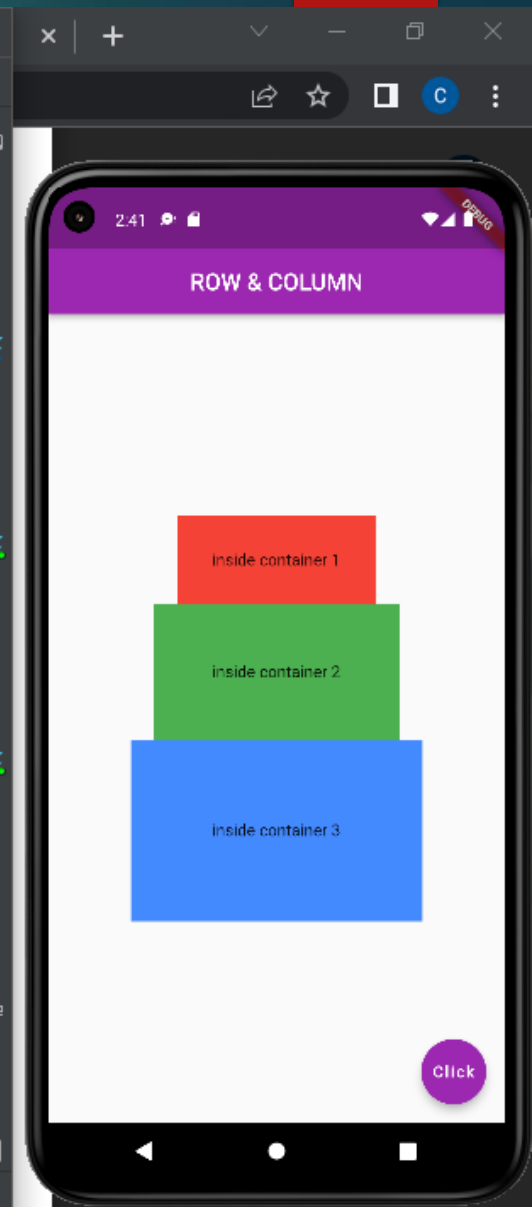
Structure

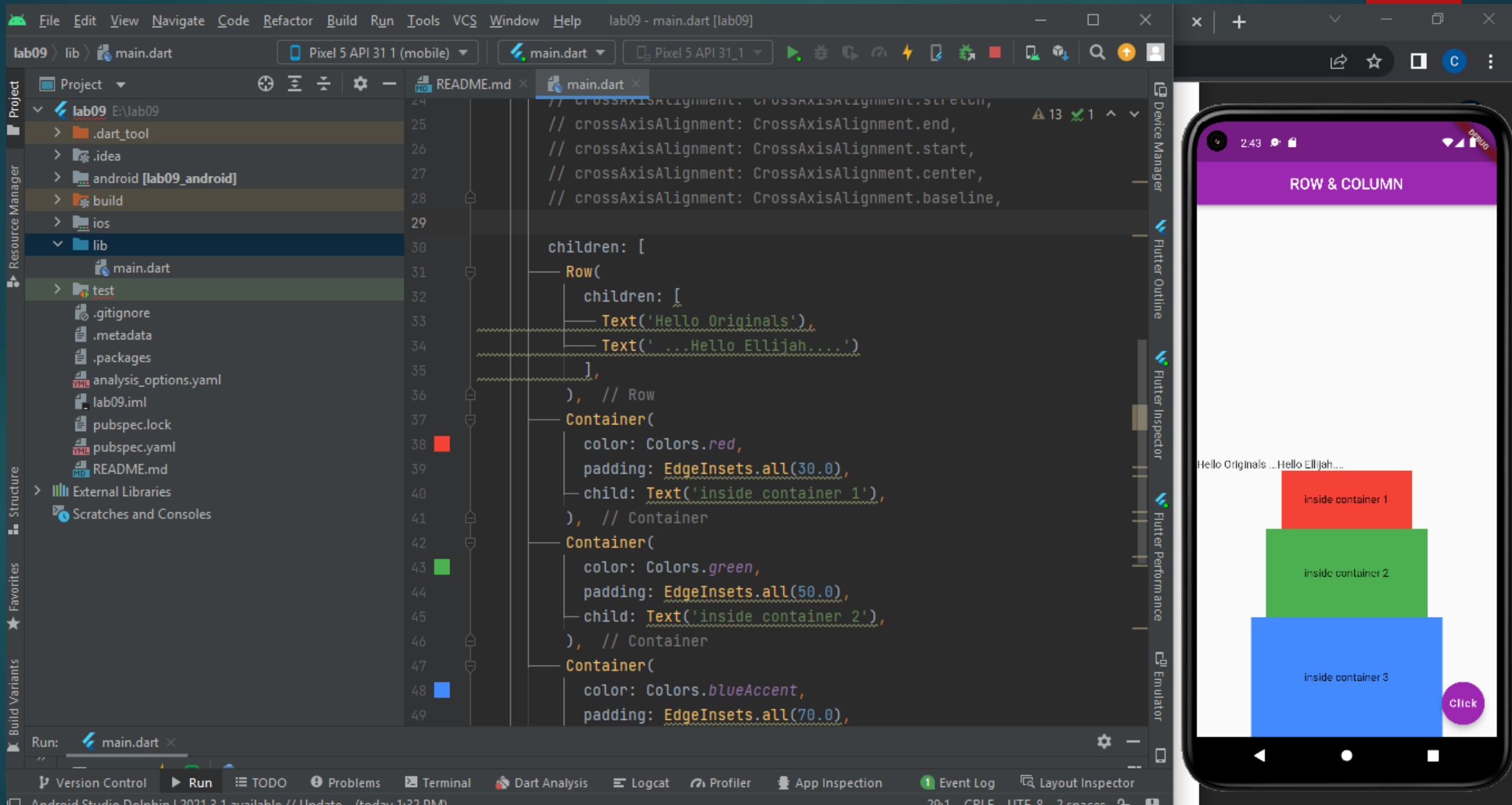
Build Variants

Run: main.dart

Version Control Run TODO Problems Terminal Dart Analysis Logcat Profiler App Inspection Event Log Layout Inspector

```
21 // mainAxisAlignment: MainAxisAlignment.spaceEvenly,
22 // mainAxisAlignment: MainAxisAlignment.spaceBetween,
23
24 // crossAxisAlignment: CrossAxisAlignment.stretch,
25 // crossAxisAlignment: CrossAxisAlignment.end,
26 // crossAxisAlignment: CrossAxisAlignment.start,
27 crossAxisAlignment: CrossAxisAlignment.center,
28 // crossAxisAlignment: CrossAxisAlignment.baseline,
29
30 children: [
31   Row(),
32   Container(
33     color: Colors.red,
34     padding: EdgeInsets.all(30.0),
35     child: Text('inside container 1'),
36   ), // Container
37   Container(
38     color: Colors.green,
39     padding: EdgeInsets.all(50.0),
40     child: Text('inside container 2'),
41   ), // Container
42   Container(
43     color: Colors.blueAccent,
44     padding: EdgeInsets.all(70.0),
45     child: Text('inside container 3'),
46   ), // Container
```





lab09 - main.dart [lab09]

lab09 > lib > main.dart

Pixel 5 API 31 1 (mobile) main.dart Pixel 5 API 31_1

Project

- lab09 E:\lab09
 - .dart_tool
 - .idea
 - android [lab09_android]
 - build
 - images
 - ios
 - lib
 - main.dart
 - test
 - .gitignore
 - .metadata
 - .packages
 - analysis_options.yaml
 - lab09.iml
 - pubspec.lock
 - pubspec.yaml
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 - Scratches and Consoles

Resource Manager

Structure

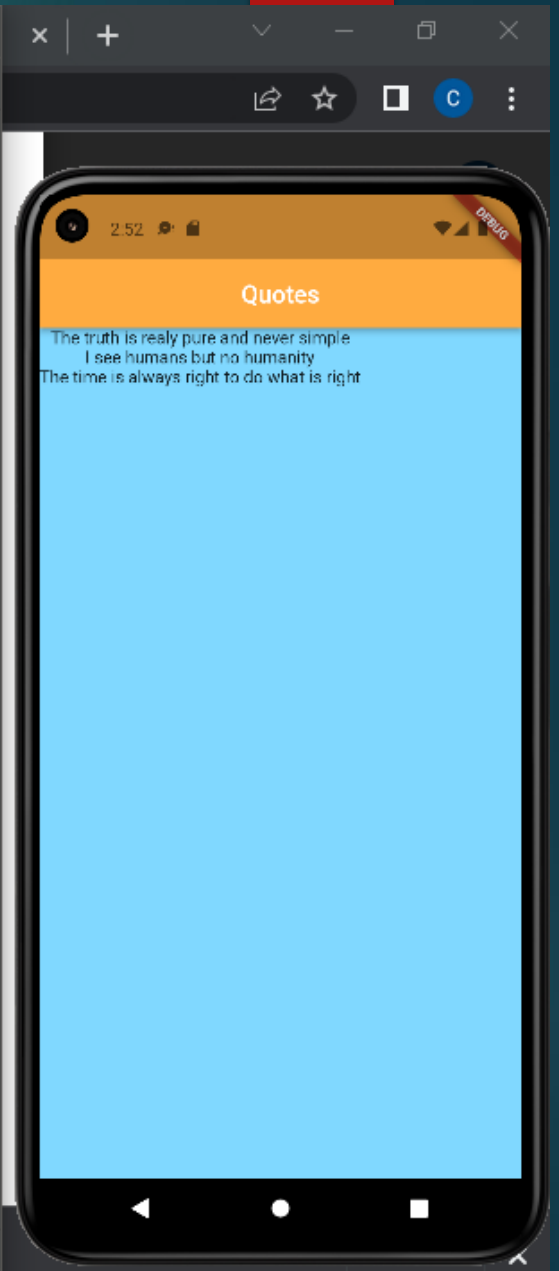
Run: main.dart

Console

Performing hot restart...
Syncing files to device sdk gphone64 x86 64...
Restarted application in 1,351ms.
D/EGL_emulation(6202): app_time_stats: avg=5989.40ms min=5989.40ms max=5989.40ms count=1

main.dart

```
1 import 'package:flutter/material.dart';
2 void main() => runApp(MaterialApp(
3   home: EchoList(),
4 )); // MaterialApp
5 class EchoList extends StatefulWidget {
6   const EchoList({Key? key}) : super(key: key);
7   @override
8   State<EchoList> createState() => _EchoListState();
9 }
10 class _EchoListState extends State<EchoList> {
11   List<String> quotes = [
12     'The truth is really pure and never simple',
13     'I see humans but no humanity',
14     'The time is always right to do what is right'
15   ];
16   @override
17   Widget build(BuildContext context) {
18     return Scaffold(
19       backgroundColor: Colors.lightBlueAccent[100],
```



lab09 > lib > main.dart

Pixel 5 API 31 1 (mobile) | main.dart | Pixel 5 API 31_1

Project

lab09 E:\lab09

.dart_tool

.idea

android [lab09_android]

build

images

ios

lib

main.dart

test

.gitignore

.metadata

.packages

analysis_options.yaml

lab09.iml

pubspec.lock

pubspec.yaml

README.md

External Libraries

Scratches and Consoles

Resource Manager

Structure

Run: main.dart

Console

Performing hot restart...
Syncing files to device sdk gphone64 x86 64...
Restarted application in 1,351ms.
D/EGL_emulation(6202): app_time_stats: avg=5989.40ms min=5989.40ms max=5989.40ms count=1

Version Control | Run | TODO | Problems | Terminal | Dart Analysis | Logcat | Profiler | App Inspection | Event Log | Layout Inspector

main.dart

```
1 import 'package:flutter/material.dart';
2 void main() => runApp(MaterialApp(
3   home: EchoList(),
4 )); // MaterialApp
5 class EchoList extends StatefulWidget {
6   const EchoList({Key? key}) : super(key: key);
7   @override
8   State<EchoList> createState() => _EchoListState();
9 }
10 class _EchoListState extends State<EchoList> {
11   List<String> quotes = [
12     'The truth is really pure and never simple',
13     'I see humans but no humanity',
14     'The time is always right to do what is right'
15   ];
16   @override
17   Widget build(BuildContext context) {
18     return Scaffold(
19       backgroundColor: Colors.lightBlueAccent[100],
```

Device Manager

Flutter Outline

Flutter Inspector

Flutter Performance

Emulator

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Quotes

The truth is really pure and never simple
I see humans but no humanity
The time is always right to do what is right

lab09 - main.dart [lab09]

lab09 > lib > main.dart

Pixel 5 API 31.1 (mobile) main.dart Pixel 5 API 31.1

Project: lab09

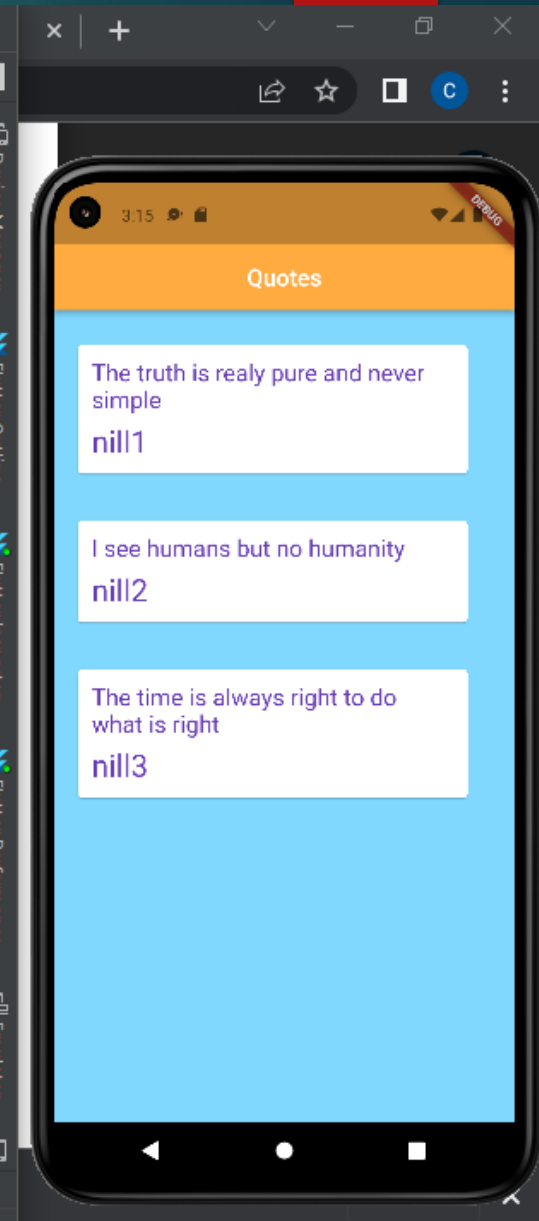
Resource Manager: .dart_tool, .idea, android [lab09_android], build, images, ios, lib (main.dart, quote.dart), test, .gitignore, .metadata, .packages, analysis_options.yaml, lab09.iml, pubspec.lock, pubspec.yaml, README.md

Structure: External Libraries, Scratches and Consoles

Run: main.dart

Version Control, TODO, Problems, Dart Analysis, Terminal, Run, Logcat, Profiler, App Inspection, Event Log, Layout Inspector

```
19 Quote(text: 'The time is always right to do what is right' ⚠️ 7 ✅ 4 ^ v
20 ];
21
22 Widget quoteTemplate(quote){
23   return Card(
24     margin: EdgeInsets.fromLTRB(20.0, 30.0, 40.0, 10.0),
25     child: Padding(
26       padding: const EdgeInsets.all(12.0),
27       child: Column(
28         crossAxisAlignment: CrossAxisAlignment.stretch,
29         children: [
30           Text(
31             quote.text,
32             style: TextStyle(
33               fontSize: 20,
34
35               color: Colors.deepPurple,
36
37             ), // TextStyle
38           ), // Text
39           SizedBox(height: 10),
40           Text(
41             quote.author,
42             style: TextStyle(
43               fontSize: 26,
44
```





<https://github.com/nilkanth4077/SDP>