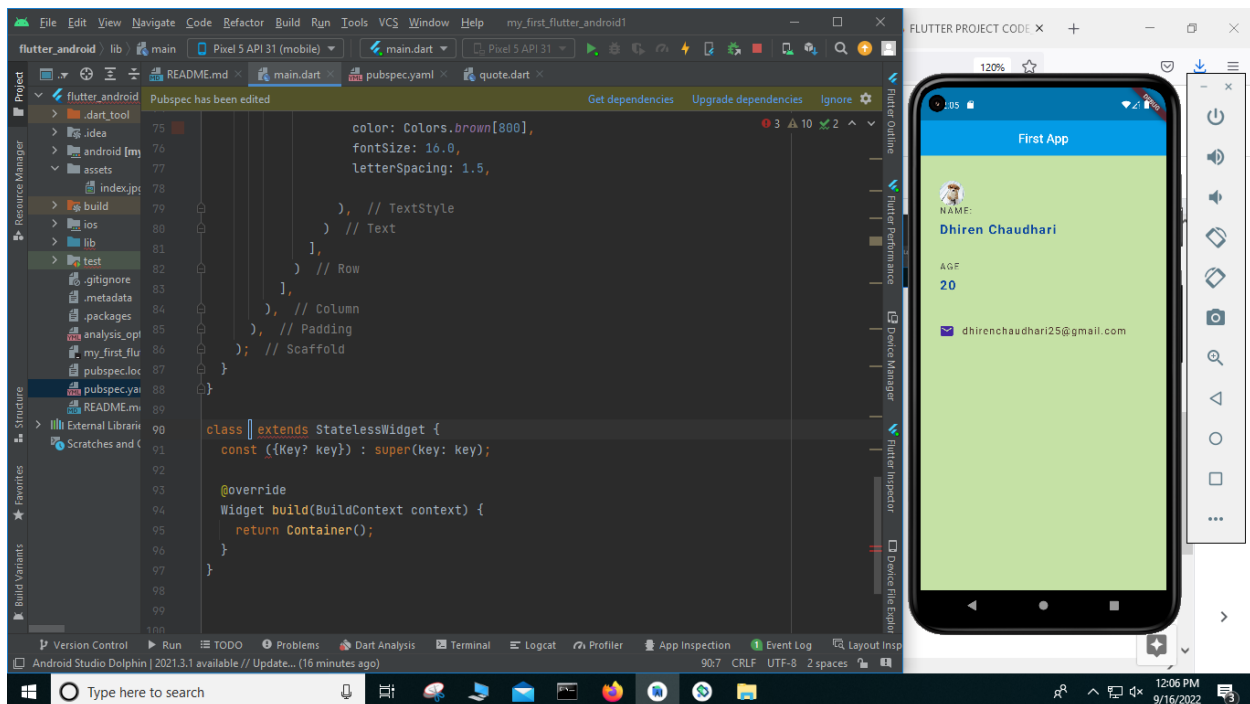
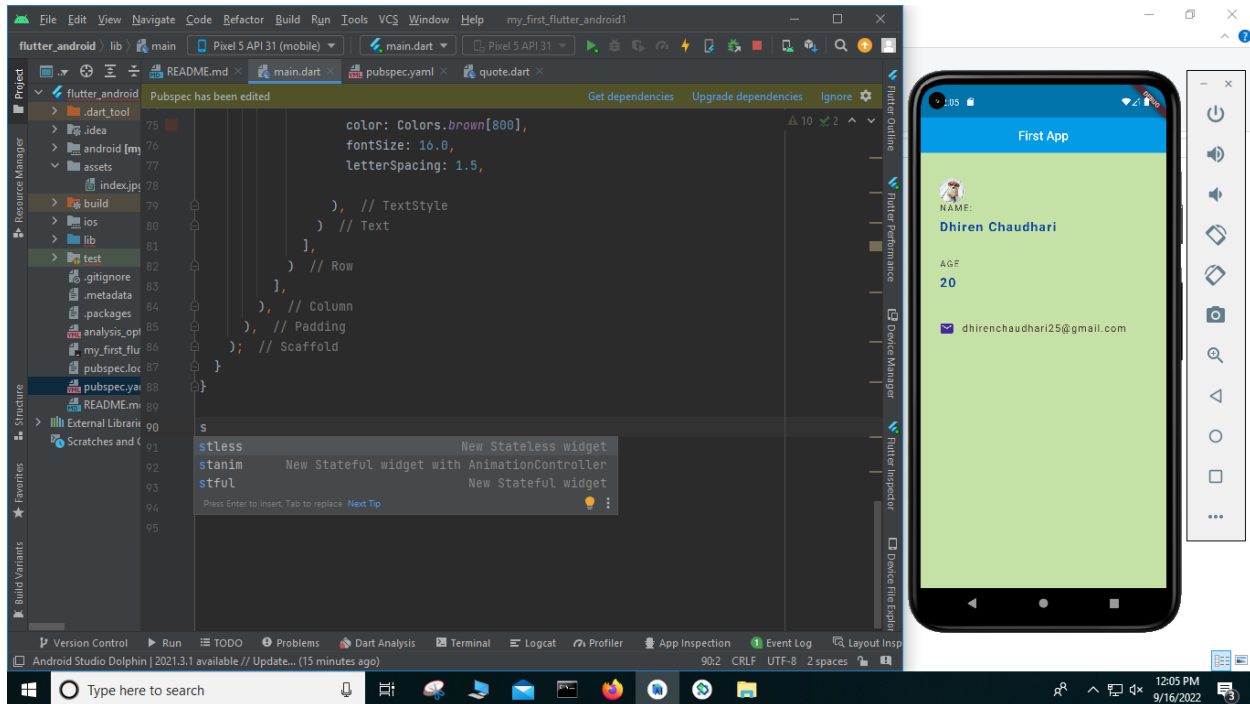


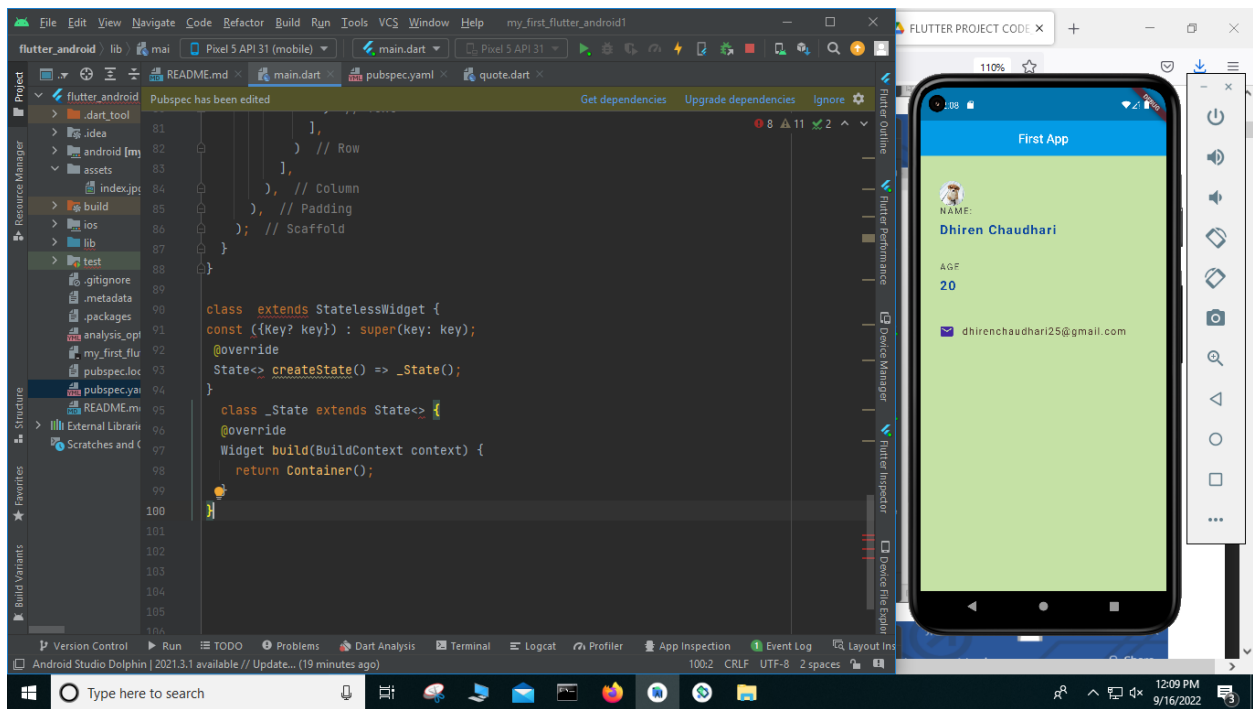
Name : Chaudhari DhirenKumar AnilBhai

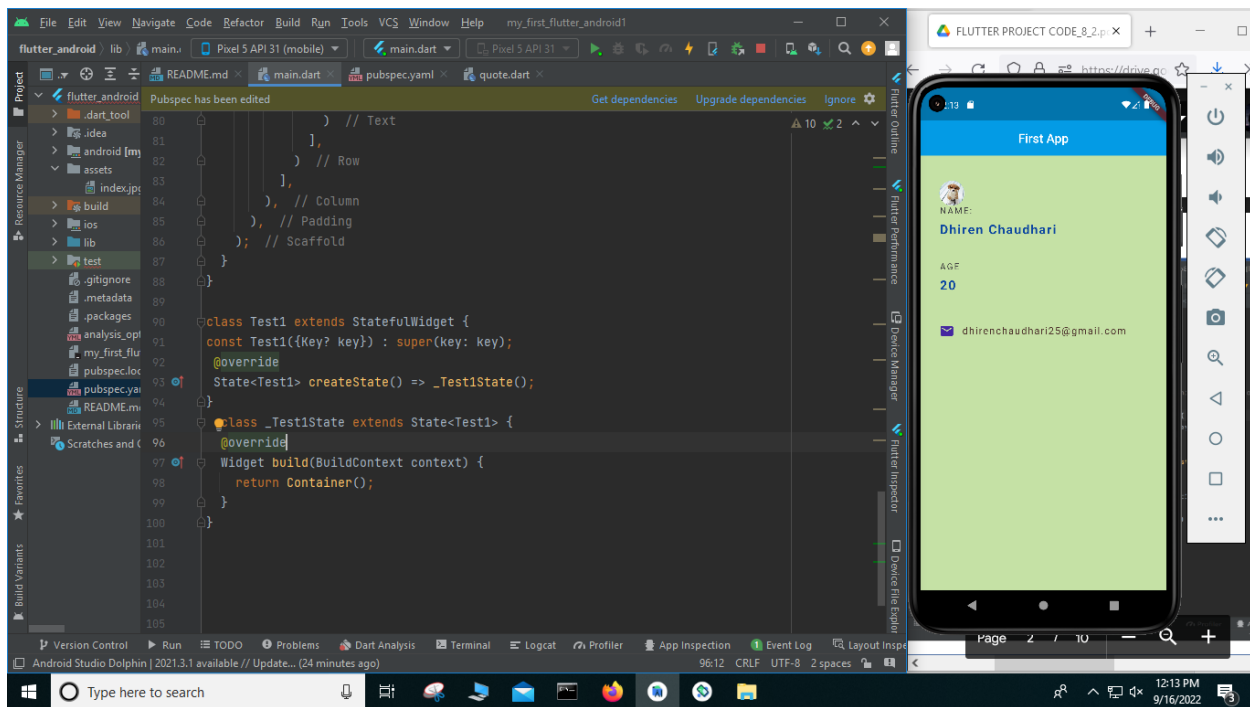
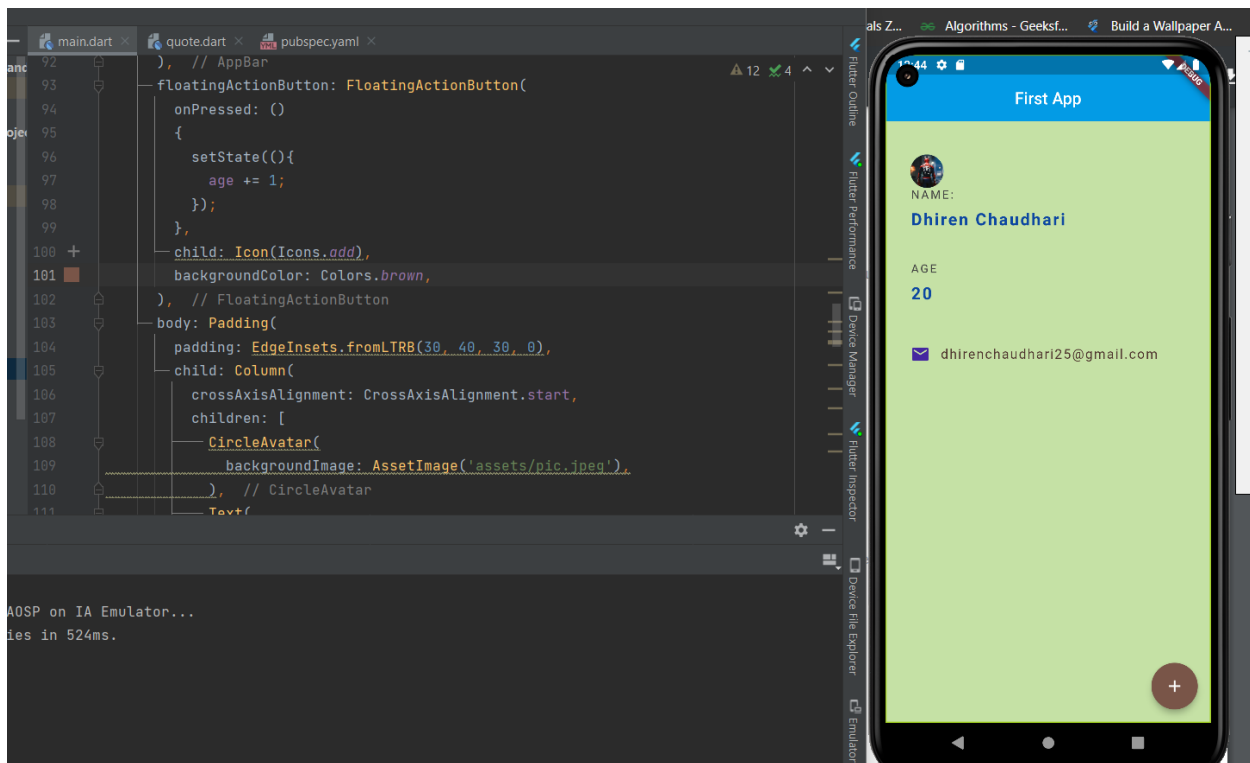
Roll No : CE025

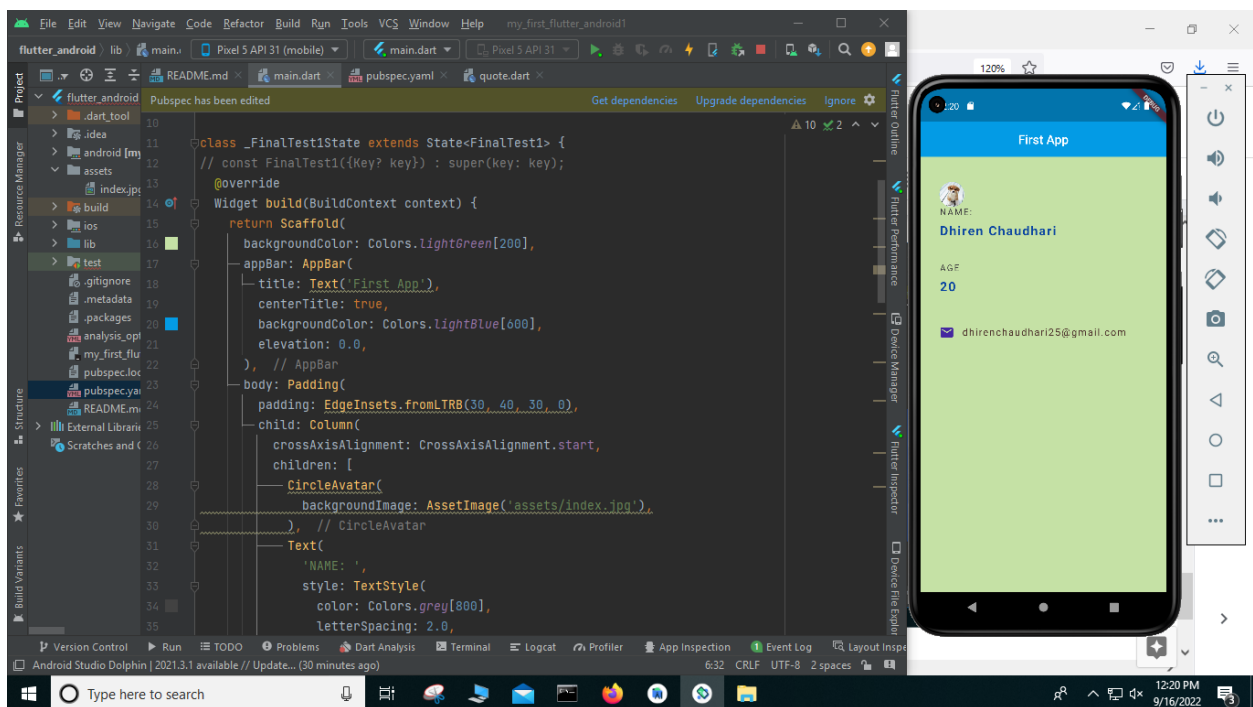
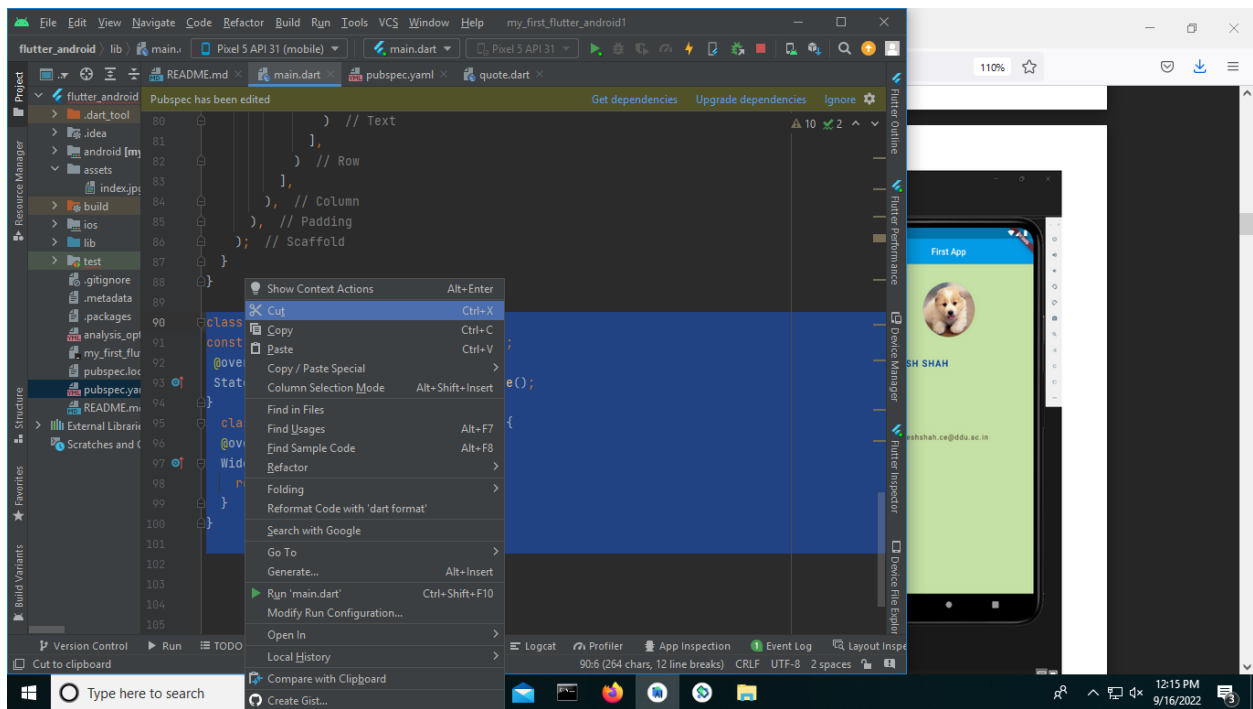
Sub : SDP_LAB8_2

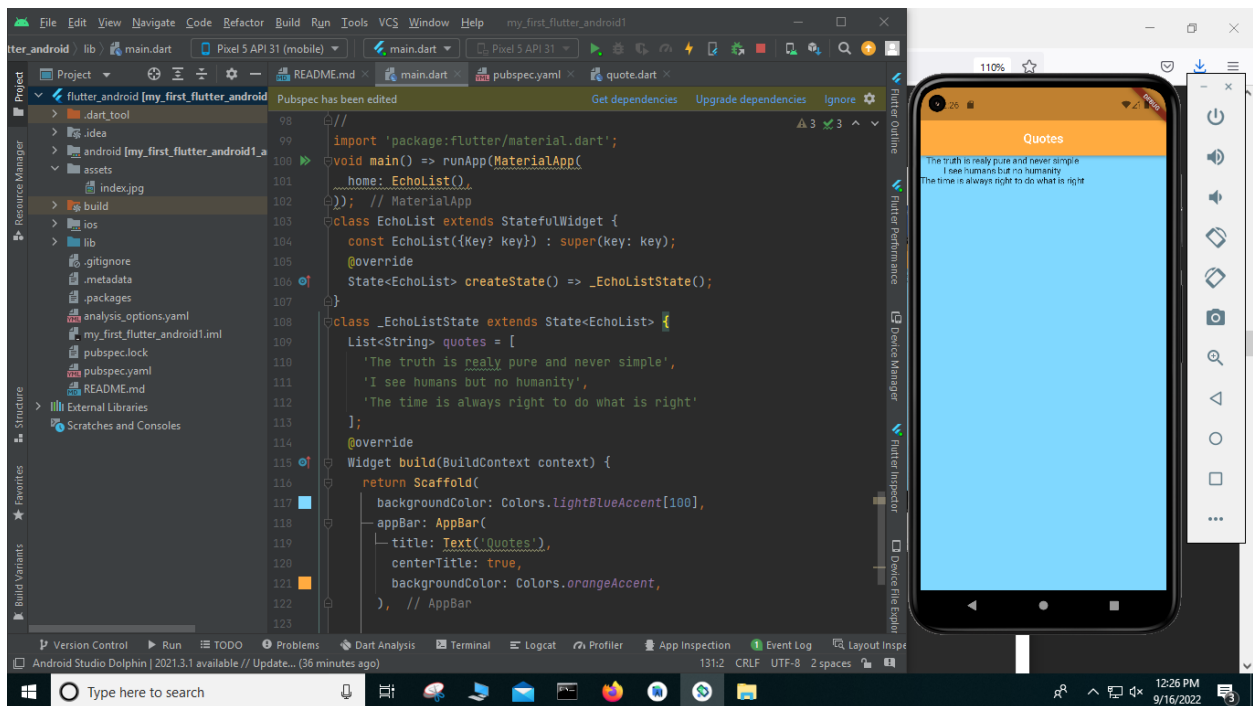
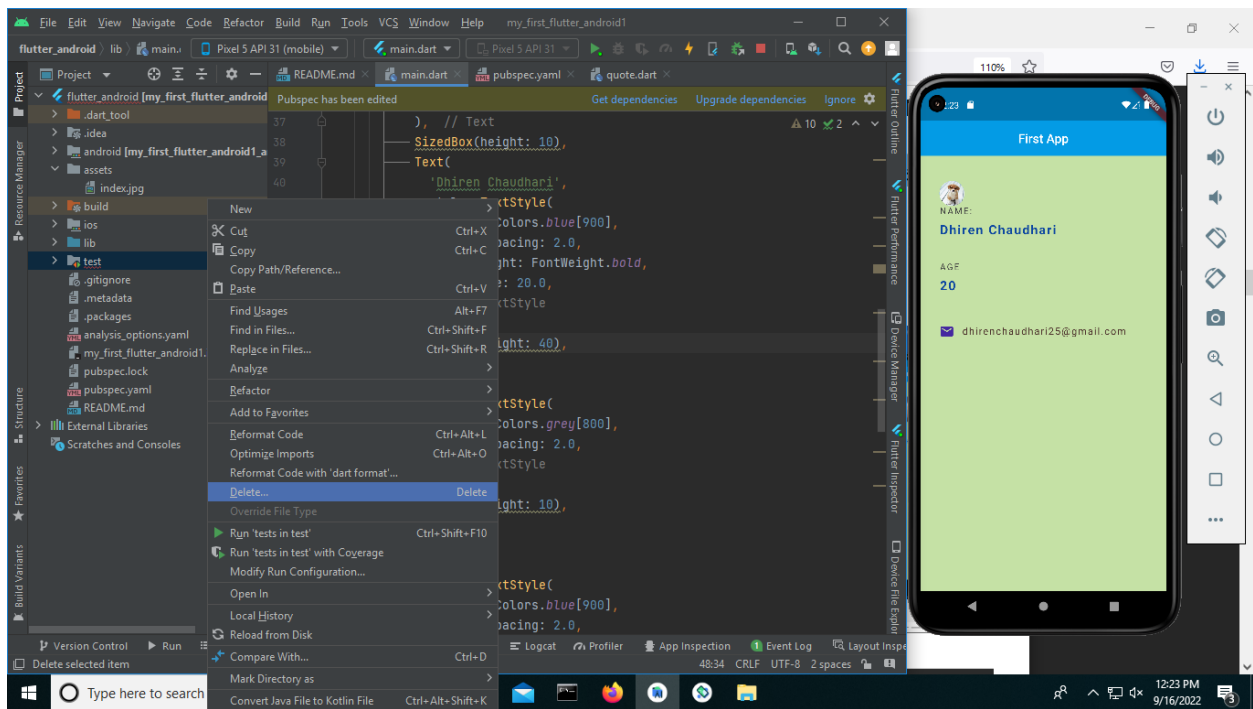
State full widget:



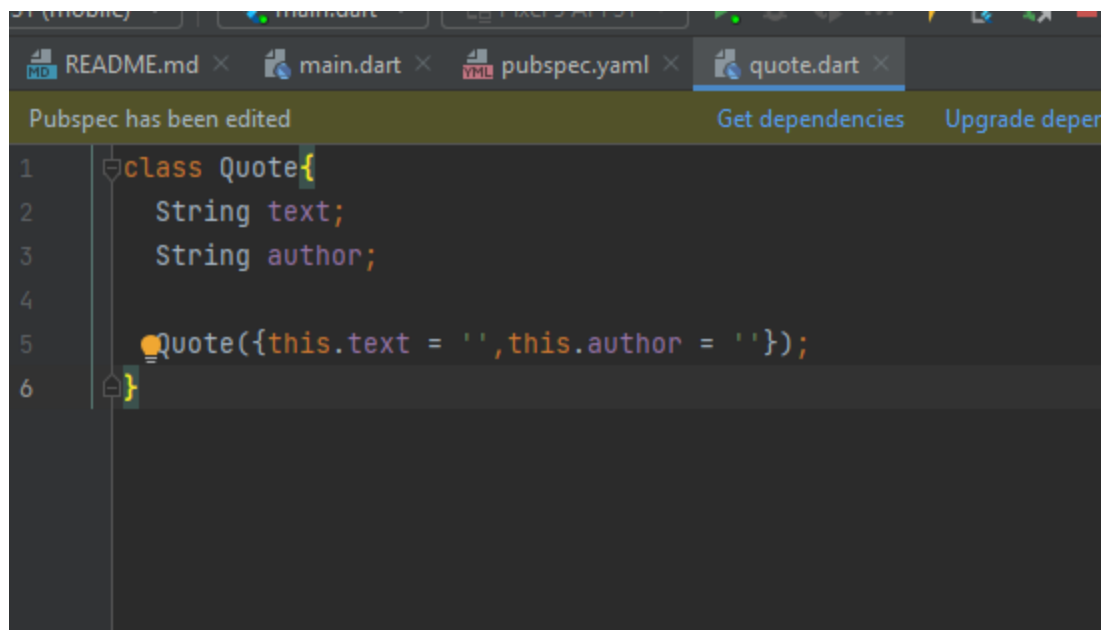








Create a new Dart File :



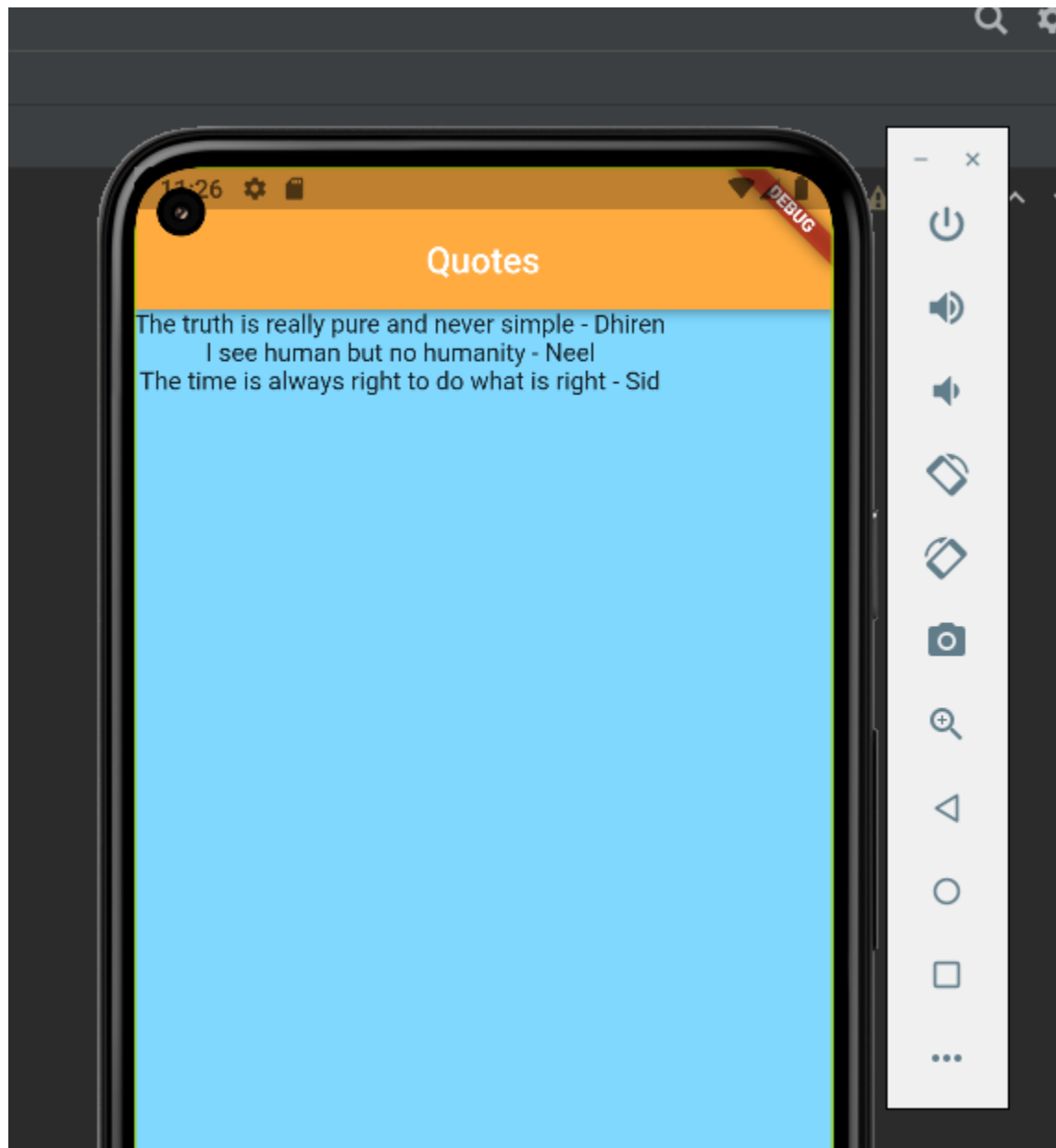
The image shows a screenshot of an IDE with several tabs open at the top: 'README.md', 'main.dart', 'pubspec.yaml', and 'quote.dart'. The 'quote.dart' tab is active. A notification bar at the top of the editor area says 'Pubspec has been edited' with buttons for 'Get dependencies' and 'Upgrade dependencies'. The code in the editor is as follows:

```
1 class Quote{  
2     String text;  
3     String author;  
4  
5     Quote({this.text = '', this.author = ''});  
6 }
```

Code:

```
main.dart x quote.dart x pubspec.yaml x
1 import 'package:flutter/material.dart';
2 //import 'package:my_first_flutter_android_project/quote.dart';
3 import 'quote.dart';
4 void main() => runApp(MaterialApp(
5   home: EchoList(),
6 )); // MaterialApp
7 class EchoList extends StatefulWidget {
8   const EchoList({Key? key}) : super(key: key);
9   @override
10  State<EchoList> createState() => _EchoListState();
11 }
12 class _EchoListState extends State<EchoList> {
13   // List<String> quotes = [
14   //   'The truth is really pure and never simple',
15   //   'I see humans but no humanity',
16   //   'The time is always right to do what is right'
17   // ];
18   List<Quote> quotes = [
19     Quote(text : 'The truth is really pure and never simple',author:'Dhiren'),
20     Quote(author: 'Neel',text:'I see human but no humanity'),
21     Quote(text: 'The time is always right to do what is right',author: 'Sid'),
22   ];
23
24   @override
25  Widget build(BuildContext context) {
26    return Scaffold(
27      backgroundColor: Colors.lightBlueAccent[100],
28      appBar: AppBar(
29        title: Text('Quotes'),
30        centerTitle: true,
31        backgroundColor: Colors.orangeAccent,
32      ), // AppBar
33      body: Column(
34        // mainAxisAlignment: MainAxisAlignment.center,
35        // crossAxisAlignment: CrossAxisAlignment.center,
36        children: quotes.map((quote) => Text('${quote.text} - ${quote.author}')).toList(),
37      ), // Column
38    ); // Scaffold
39  }
40 }
41 |
```

OUTPUT :



Card Widget :


```
main.dart x quote.dart x pubspec.yaml x
1 import 'package:flutter/material.dart';
2 //import 'package:my_first_flutter_android_project/quote.dart';
3 import 'quote.dart';
4 void main() => runApp(MaterialApp(
5   home: EchoList(),
6 )); // MaterialApp
7 class EchoList extends StatefulWidget {
8   const EchoList({Key? key}) : super(key: key);
9   @override
10  State<EchoList> createState() => _EchoListState();
11 }
12 class _EchoListState extends State<EchoList> {
13   // List<String> quotes = [
14   //   'The truth is really pure and never simple',
15   //   'I see humans but no humanity',
16   //   'The time is always right to do what is right'
17   // ];
18   List<Quote> quotes = [
19     Quote(text : 'The truth is really pure and never simple',author:'Dhiren'),
20     Quote(author: 'Neel',text:'I see human but no humanity'),
21     Quote(text: 'The time is always right to do what is right',author: 'Sid'),
22   ];
23   Widget quoteTemple(quote){
24     return Card(
25       margin: EdgeInsets.fromLTRB(20.0, 30.0, 40.0, 10.0),
26       child: Padding(
27         padding: const EdgeInsets.all(12.0),
28         child: Column(
29           crossAxisAlignment: CrossAxisAlignment.stretch,
30           children: [
```

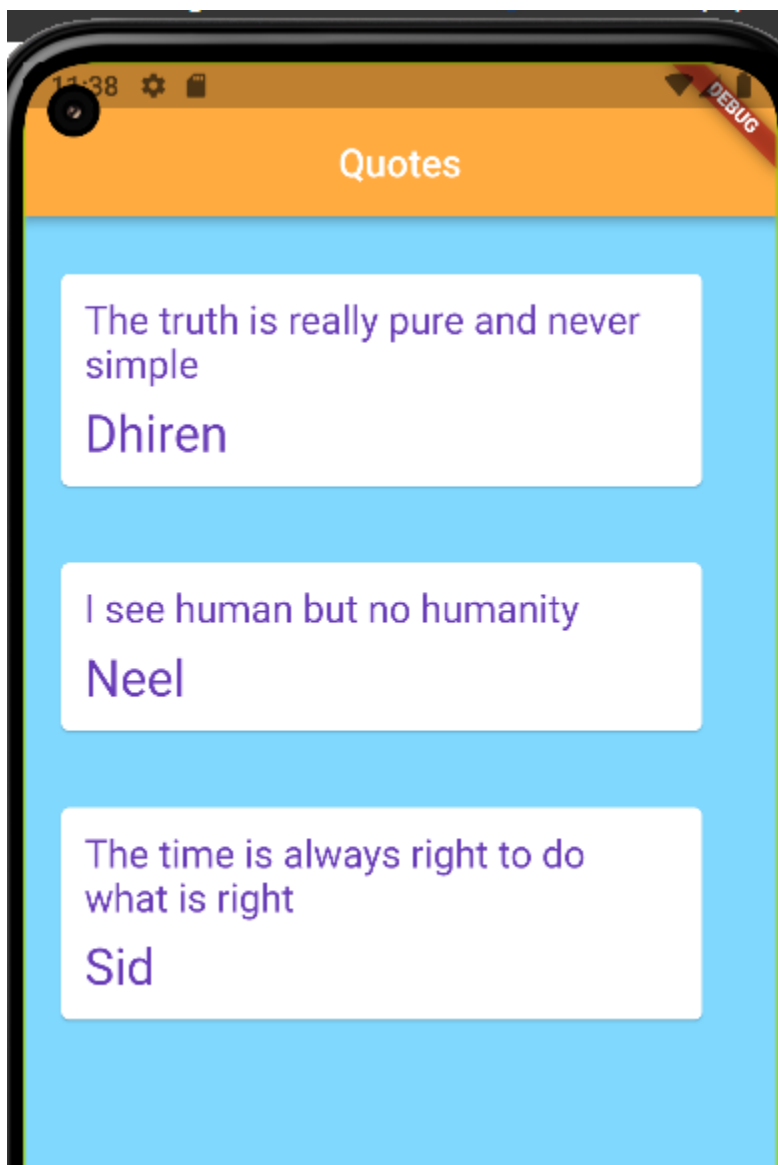
```
main.dart x quote.dart x pubspec.yaml x
31      Text(
32        quote.text,
33        style: TextStyle(
34          fontSize: 20,
35          color: Colors.deepPurple,
36        ), // TextStyle
37      ), // Text
38      SizedBox(height: 10),
39      Text(
40        quote.author,
41        style: TextStyle(
42          fontSize: 26,
43          color: Colors.deepPurple,
44        ), // TextStyle
45      ) // Text
46
47    ],
48  ), // Column
49 ), // Padding
50 ); // Card
51 }
52 @override
53 Widget build(BuildContext context) {
54   return Scaffold(
55     backgroundColor: Colors.lightBlueAccent[100],
56     appBar: AppBar(
57       title: Text('Quotes'),
58       centerTitle: true,
59       backgroundColor: Colors.orangeAccent,
60     ), // AppBar
```

```

60     ), // AppBar
61     body: Column(
62       // mainAxisAlignment: MainAxisAlignment.center,
63       // crossAxisAlignment: CrossAxisAlignment.center,
64       children: quotes.map((quote) => quoteTemplate(quote)).toList(),
65     ), // Column
66   ); // Scaffold
67 }
68 }
69

```

Output :



GITHUB LINK : <https://github.com/dhiren-25/SDP.git>