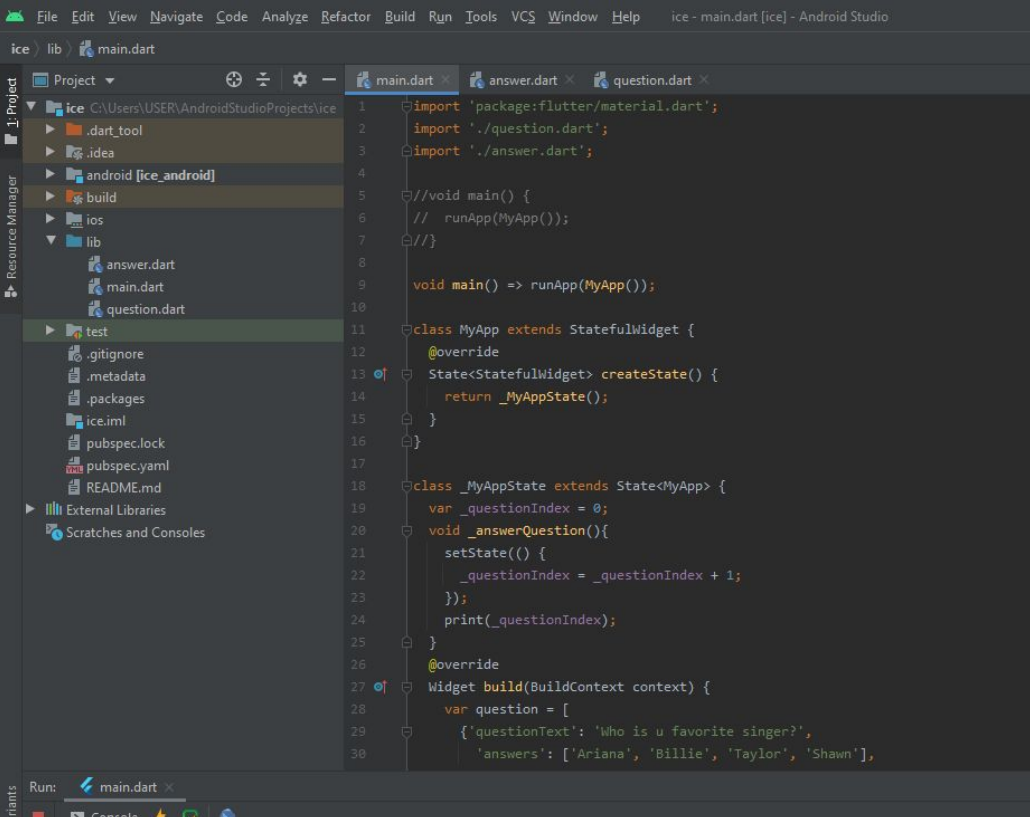


Study Assignment on Flutter

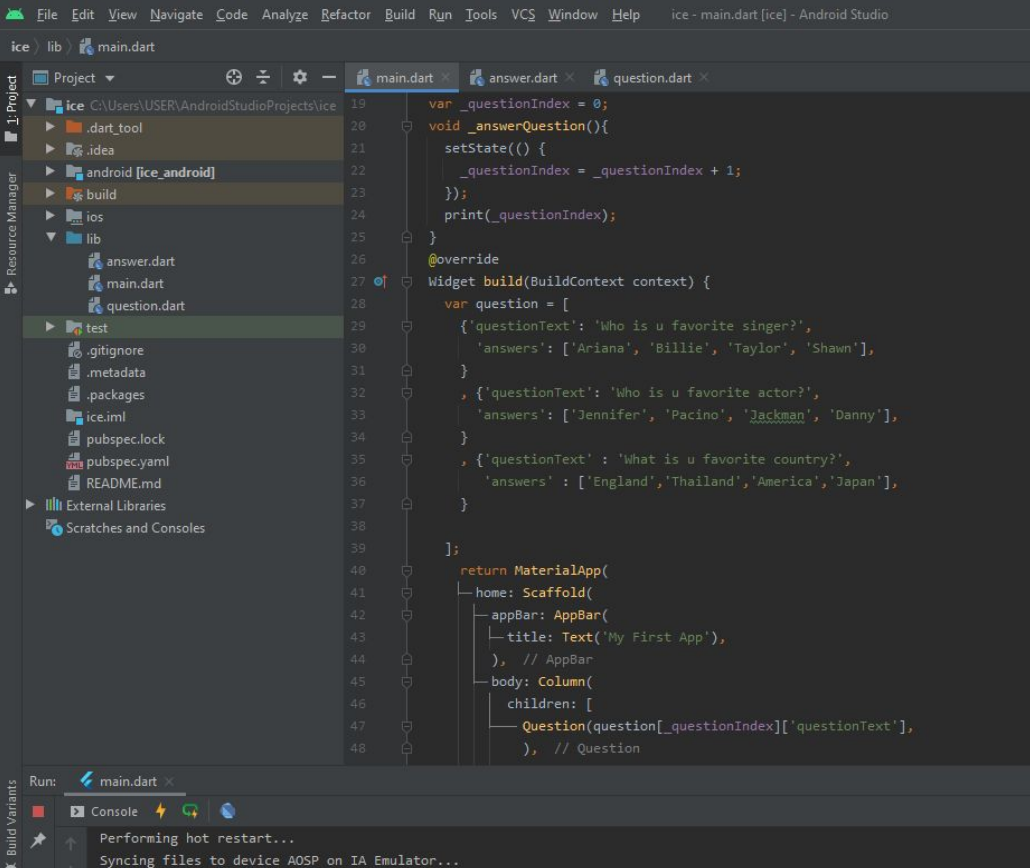
Source code:



This screenshot shows the initial state of the Flutter project 'ice' in Android Studio. The IDE is open to the 'main.dart' file. The left sidebar displays the project structure, including the 'lib' directory with 'answer.dart', 'main.dart', and 'question.dart'. The main editor area shows the following Dart code:

```
1 import 'package:flutter/material.dart';
2 import './question.dart';
3 import './answer.dart';
4
5 //void main() {
6 //  runApp(MyApp());
7 //}
8
9 void main() => runApp(MyApp());
10
11 class MyApp extends StatefulWidget {
12   @override
13   State<StatefulWidget> createState() {
14     return _MyAppState();
15   }
16 }
17
18 class _MyAppState extends State<MyApp> {
19   var _questionIndex = 0;
20   void _answerQuestion(){
21     setState(() {
22       _questionIndex = _questionIndex + 1;
23     });
24     print(_questionIndex);
25   }
26   @override
27   Widget build(BuildContext context) {
28     var question = [
29       {'questionText': 'Who is u favorite singer?',
30        'answers': ['Ariana', 'Billie', 'Taylor', 'Shawn']},
```

The bottom status bar indicates the app is running on the 'main.dart' file.

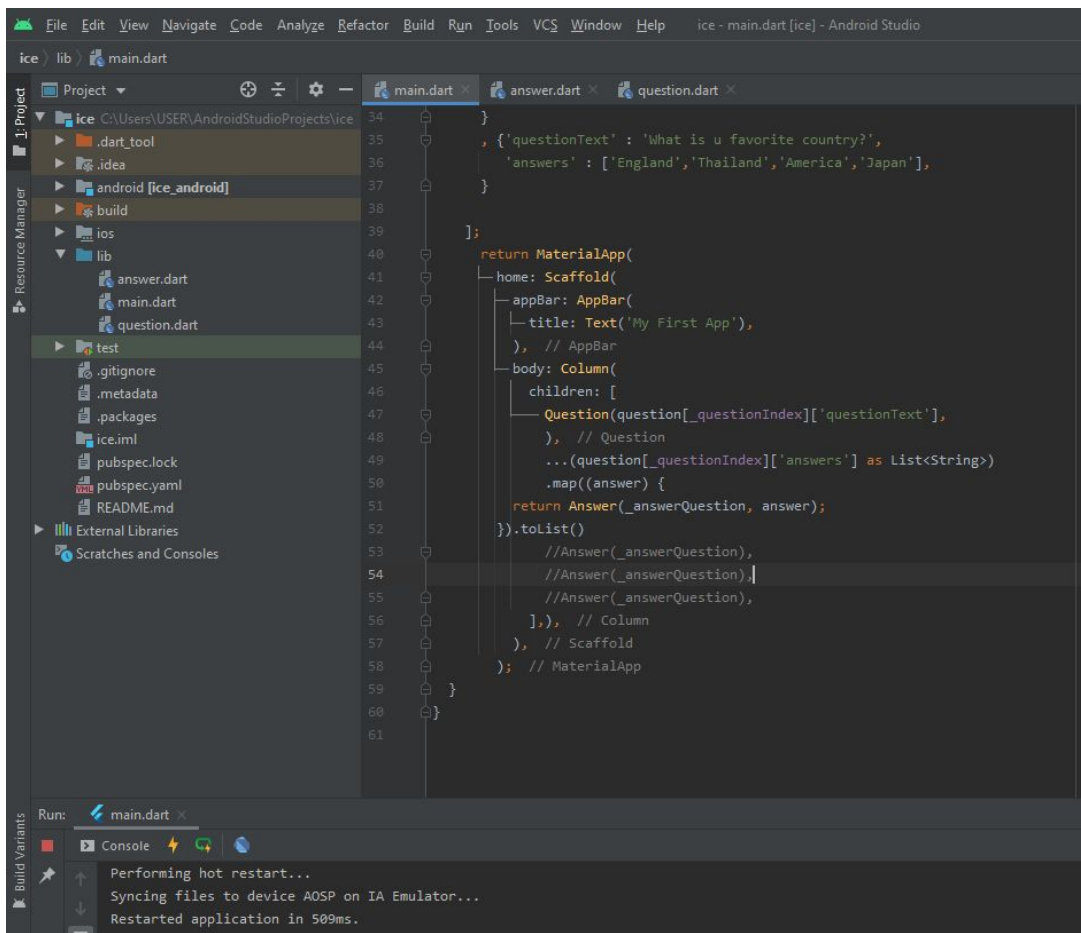


This screenshot shows the completed Flutter code for the 'ice' project. The IDE is open to the 'main.dart' file. The left sidebar displays the project structure, including the 'lib' directory with 'answer.dart', 'main.dart', and 'question.dart'. The main editor area shows the following Dart code:

```
19   var _questionIndex = 0;
20   void _answerQuestion(){
21     setState(() {
22       _questionIndex = _questionIndex + 1;
23     });
24     print(_questionIndex);
25   }
26   @override
27   Widget build(BuildContext context) {
28     var question = [
29       {'questionText': 'Who is u favorite singer?',
30        'answers': ['Ariana', 'Billie', 'Taylor', 'Shawn']},
31       {'questionText': 'Who is u favorite actor?',
32        'answers': ['Jennifer', 'Pacino', 'Jackman', 'Danny']},
33       {'questionText': 'What is u favorite country?',
34        'answers': ['England', 'Thailand', 'America', 'Japan']},
35     ];
36   }
37 }
38
39 ;
40
41 return MaterialApp(
42   home: Scaffold(
43     appBar: AppBar(
44       title: Text('My First App'),
45     ), // AppBar
46     body: Column(
47       children: [
48         Question(question[_questionIndex]['questionText'],
```

The bottom status bar indicates the app is running on the 'main.dart' file. The console output shows the following messages:

```
Performing hot restart...
Syncing files to device AOSP on IA Emulator...
```



Emulator:

