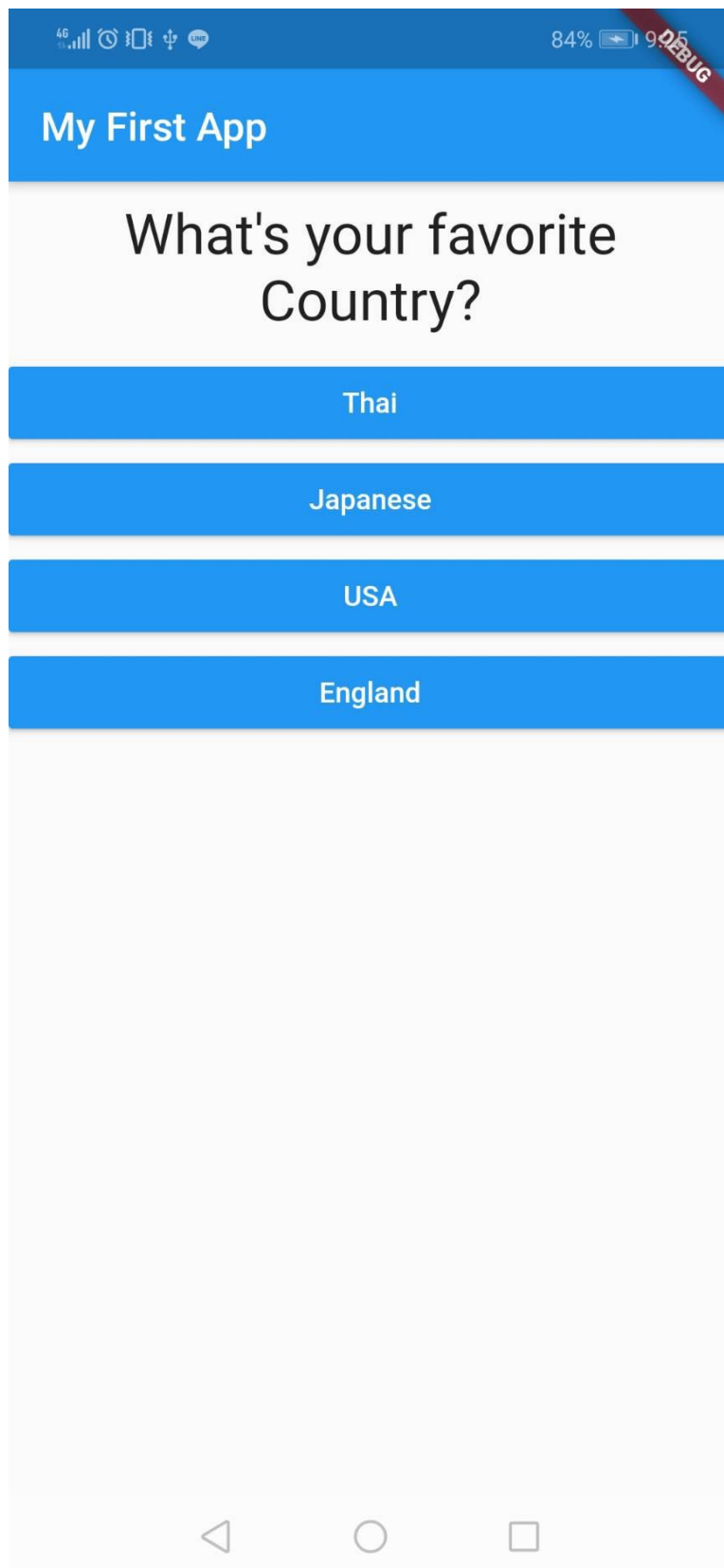# Emulator

```dart
//Main.dart
import 'package:flutter/material.dart';

import './question.dart';
import './answer.dart';

// void main() {
//   runApp(MyApp());
// }

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

class MyApp extends StatefulWidget {
  @override
  State<StatefulWidget> createState() {
    // TODO: implement createState
    return _MyAppState();
  }
}

class _MyAppState extends State<MyApp> {
  var questions = [
    {
      'questionText': 'What\'s your favorite Country?',
      'answers': ['Thai', 'Japanese', 'USA', 'England']
,
    },
    {
      'questionText': 'What\'s your favorite movives?',
      'answers': ['fast&furious', 'Mission Impossible',
 'Disney', 'Marvel'],
    },
    {
      'questionText': 'What\'s your favorite sport?',
      'answers': ['Football', 'Basketball', 'Golf', 'Ch
airball'],
    },
  ];
```

```dart
  var _questionIndex = 0;

  void _answerQuestion() {
    setState(() {
      _questionIndex = _questionIndex + 1;
    });
    print(_questionIndex);
  }

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: Scaffold(
        appBar: AppBar(
          title: Text('My First App'),
        ),
        body: _questionIndex < questions.length
            ? Column(
                children: [
                  Question(
                    questions[_questionIndex]['question
Text'],
                  ),
                  ...(questions[_questionIndex]['answer
s'] as List<String>)
                      .map((answer) {
                    return Answer(_answerQuestion, answ
er);
                  }).toList()
                ],
              )
            : Center(
                child: Text('You did it!'),
              ),
      ),
    );
  }
}
```

```dart
//Question.dart
import 'package:flutter/material.dart';

class Question extends StatelessWidget {
  final String questionText;

  Question(this.questionText);

  @override
  Widget build(BuildContext context) {
    return Container(
      width: double.infinity,
      margin: EdgeInsets.all(10),
      child: Text(
        questionText,
        style: TextStyle(fontSize: 28),
        textAlign: TextAlign.center,
      ),
    );
  }
}
```

```dart
//answer.dart
import 'package:flutter/material.dart';

class Answer extends StatelessWidget {
  final Function selectHandler;
  final String answerText;

  Answer(this.selectHandler, this.answerText);

  @override
  Widget build(BuildContext context) {
    return Container(
      width: double.infinity,
      child: RaisedButton(
        color: Colors.blue,
        textColor: Colors.white,
        child: Text(answerText),
        onPressed: selectHandler,
      ),
    );
  }
}
```