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QUIZ APP

Main.dart

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

void main() {
  runApp(MaterialApp(
    home: SafeArea(
      child: Scaffold(
        body: QuizPage(),
      ),
    ),
  ));
}

class Question {
  final String questionText;
  final bool answer;
  Question({required this.questionText, required this.answer});
}

class Questions {
  List<Question> questionBank = [

    Question(questionText: "Are you a serial killer", answer: true),
    Question(questionText: "Do you like Ted Bundy", answer: true),
    Question(questionText: "Do you like killing", answer: false),
    Question(questionText: "Do you like watching serial killer documentaries",
answer: true),
    Question(questionText: "Do you hate people", answer: true),

  ];
}

class QuizPage extends StatefulWidget {
  const QuizPage({Key? key}) : super(key: key);
  @override
  _QuizPageState createState() => _QuizPageState();
}

class _QuizPageState extends State<QuizPage> {
  int questionNumber=0;
  int currentScore=0;
  Questions questions=Questions();
  void updateQuestionNumber() {
    setState(() {
```

```

        questionNumber=questionNumber+1;
        print('$questionNumber');

    });
}
void updateCurrentScore(bool choice,int question_number){
    if(questions.questionBank.length==question_number){
        print('End of Questions');
    }
    else{
        if(questions.questionBank[question_number].answer==choice){
            setState(() {
                currentScore++;
            });
        }
    }
}
bool checkQuestionNumber(int questionNumber){
    return questionNumber < questions.questionBank.length? true: false ;
}
@override
Widget build(BuildContext context) {

    return Container(
        child: Column(
            children: [
                Center(
                    child: Text(
                        checkQuestionNumber(questionNumber)?
                            questions.questionBank[questionNumber].questionText.toString()
                                : "End", style: TextStyle(fontSize: 40.0),
                    ),
                ),
                SizedBox(height: 20.0),

                if (checkQuestionNumber(questionNumber))
                    ElevatedButton(
                        onPressed: () {
                            setState(() {
                                if (questionNumber == questions.questionBank.length) {
                                    print("End of questions");
                                } else {
                                    updateCurrentScore(true, questionNumber);
                                    updateQuestionNumber();
                                }
                            });
                        },
                        child: Text('True'),
                    ),
                SizedBox(width: 20.0),
                if (checkQuestionNumber(questionNumber))
                    ElevatedButton(
                        onPressed: () {

```

```

        setState(() {
          if (questionNumber == questions.questionBank.length) {
            print("End of questions");
          } else {
            updateCurrentScore(false, questionNumber);
            updateQuestionNumber();
          }
        });
      },
      child: Text('False'),
    ),
    SizedBox(
      height: 100.0,
    ),
    SizedBox(
      height: 50.0,
    ),
    Padding(
      padding: const EdgeInsets.all(30.0),
      child: Center(
        child: Text(
          "Current Score is:",
          style: TextStyle(fontSize: 30),
        ),
      ),
    ),
    Padding(
      padding: const EdgeInsets.all(30.0),
      child: Center(
        child: Text(
          '${currentScore}',
          style: TextStyle(fontSize: 30),
        ),
      ),
    ),
  ],
),

); // Build the Widget Tree here
}
}

```

OUTPUT:



