import 'package:flutter/cupertino.dart';

import 'package:flutter/material.dart';

void main() {

runApp(MaterialApp(

home: Scaffold(

appBar: AppBar(

title: Text("Scaffold usage WITH SAFE AREA"),

),

body: Container(

child: SafeArea(

child: Center(

child: Text(

'This is scaffold area',style: TextStyle(

fontWeight: FontWeight.bold,

),

),

),

),

),

),

),);

}

import 'dart:math';

import 'package:flutter/material.dart';

void main() {

runApp(MaterialApp(

home: Scaffold(

appBar: AppBar(title: Text('DICEEE'), centerTitle: true,),

body: DicePage(),

),

));

}

class DicePage extends StatefulWidget {

const DicePage({Key? key}) : super(key: key);

@override

\_DicePageState createState() => \_DicePageState();

}

class \_DicePageState extends State<DicePage>{

int left = 1;

int right = 2;

void changeFace() {

setState(() {

left = Random().nextInt(6) + 1;

right = Random().nextInt(6) + 1;

});

}

@override

Widget build(BuildContext context) {

// TODO: implement build

return Center(

child: Container(

child: Row(

children: [

Expanded(

flex: 1,

child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.red,

),

child: Image.asset('images/dice$left.png'),

onPressed: () {

changeFace();

},

),

),

Expanded(

flex: 1,

child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.red,

),

child: Image.asset('images/dice$right.png'),

onPressed: () {

changeFace();

},

),

),

],

),

),

); // Building the body widget tree

}

}

import 'package:flutter/material.dart';

// import 'package:quiz/question.dart';

void main() { runApp(MaterialApp(

home:SafeArea( child: Scaffold(

body:QuizPage(),

),

),

)); } class Question {

final String questionText; // Question

final bool answer; // Answer

Question({required this.questionText, required this.answer});

// making it as named arguments for the Question Constructor

} class Questions {

List<Question> questionBank = [ // create a list of Questions using default

Question(questionText: "Rainbow has 10 colours", answer: false), // set the

Question and Answer

Question(questionText: " Director of RRR is Rajamouli ", answer: true), Question(questionText: " Black box in plane is

black ", answer: true), Question(questionText: " Mango is a fruit ", answer: true),

Question(questionText: " Mumbai is the capital of India ", answer: false),

Question(questionText: " The color of orange is orange", 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 question");

}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) { //

check the bound

print("End of questions");

} else {

// check the user answer against the answer in the list

updateCurrentScore(true, questionNumber);

// increment the Question Number

updateQuestionNumber();

}

}); }, child:

Text('True'), ), SizedBox(width: 20.0),

if (checkquestionNumber(questionNumber)) ElevatedButton(

onPressed: () {

setState(() {

if (questionNumber == questions.questionBank.length) { //

check the bound

print("End of questions");

} else {

// check the user answer against the answer in the list

updateCurrentScore(false, questionNumber);

// increment the Question Number

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),

),

),

),

]

),

);

}

}

import 'package:flutter/material.dart';

import 'package:audioplayers/src/audio\_cache.dart';

void main() {

runApp(MaterialApp(

home:Scaffold(

appBar: AppBar(title: Text('XYLOPHONE'),centerTitle: true,),

body:XyloPage(),

),

));

}

class XyloPage extends StatefulWidget {

const XyloPage({Key? key}) : super(key: key);

@override

\_XyloPageState createState() => \_XyloPageState();

}

class \_XyloPageState extends State<XyloPage> {

void playSound(int noteNumber) {

final player = AudioCache();

player.play("note$noteNumber.wav");

}

@override

Widget build(BuildContext context) {

return Column(

crossAxisAlignment: CrossAxisAlignment.stretch,

children: [

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.indigo

),

onPressed: () {

playSound(1);

},

child: Text('First'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.cyanAccent

),

onPressed: () {

playSound(2);

}, child: Text('Second'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.green

),

onPressed: () {

playSound(3);

}, child: Text('Third'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.orange

),

onPressed: () {

playSound(4);

}, child: Text('Fourth'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.purple

),

onPressed: () {

playSound(5);

}, child: Text('Fifth'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.blue

),

onPressed: () {

playSound(6);

}, child: Text('Sixth'),

),),

Expanded(child: TextButton(

style: TextButton.styleFrom(

backgroundColor: Colors.red

),

onPressed: () {

playSound(7);

}, child: Text('Seventh'),

),),

  ],

);

  }

  }