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19-NTU-CS-1118  
BSSE-06

Mob App Dev

Lab-5

# **Task 1**

import 'package:flutter/material.dart';

import 'dart:math';

void main() {

runApp(

MaterialApp(

home: BallPage(),

),

);

}

class BallPage extends StatelessWidget {

// This widget is the root of your application.

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

centerTitle: false,

title: const Text(

'Ask Me Anything',

),

backgroundColor: Color.fromARGB(255, 0, 84, 154)),

body: Container(

child: Column(

mainAxisAlignment: MainAxisAlignment.center,

children: [

FlatButton(

onPressed: (() {

print("I got clicked");

print("ballNumber: " + Random().nextInt(5).toString());

}),

child: Image.asset("images/ball1.png"),

)

],

),

),

backgroundColor: Colors.blue,

);

}

}

**A screenshot of a computer

Description automatically generated with low confidence**

# **Task 2**

import 'package:flutter/material.dart';

import 'package:audioplayers/audioplayers.dart';

void main() {

runApp(const MyApp());

}

class MyApp extends StatelessWidget {

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

// This widget is the root of your application.

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Flutter Lab 5 Q2',

home: Scaffold(

body: Row(

children: [

Expanded(flex: 1, child: myFlatButton(1, Colors.yellow)),

Expanded(flex: 1, child: myFlatButton(2, Colors.black)),

Expanded(flex: 1, child: myFlatButton(3, Colors.purple)),

Expanded(flex: 1, child: myFlatButton(4, Colors.lightBlue)),

Expanded(flex: 1, child: myFlatButton(5, Colors.orange)),

Expanded(flex: 1, child: myFlatButton(6, Colors.red)),

Expanded(flex: 1, child: myFlatButton(7, Colors.lightGreen)),

],

),

));

}

}

FlatButton myFlatButton(int i, Color myColor) {

return FlatButton(

color: myColor,

height: double.infinity,

child: Text(""),

onPressed: () {

final audioPlayer = AudioCache();

audioPlayer.play('note$i.wav');

},

);

}

Text

Description automatically generated