WEEK:5 Implement Different layout structures using Row,Column,and Stack Widgets

import 'package:flutter/material.dart';

void main() {

runApp(const MyApp());

}

class MyApp extends StatelessWidget {

const MyApp({super.key});

// This widget is the root of your application.

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Flutter Demo',

theme: ThemeData(

colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),

useMaterial3: true,

),

home: const MyHomePage(title: 'Flutter Demo Home Page'),

);

}

}

class MyHomePage extends StatefulWidget {

const MyHomePage({super.key, required this.title});

final String title;

@override

State<MyHomePage> createState() => \_MyHomePageState();

}

class \_MyHomePageState extends State<MyHomePage> {

int \_counter = 0;

void \_incrementCounter() {

setState(() {

\_counter++;

});

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

backgroundColor: Theme.of(context).colorScheme.inversePrimary,

title: Text(widget.title),

),

body: Row(

mainAxisAlignment:MainAxisAlignment.spaceEvenly,

children: <Widget>[

Container(

margin:EdgeInsets.all(12.0),

padding:EdgeInsets.all(8.0),

decoration:BoxDecoration(borderRadius:BorderRadius.circular(8),

color:Colors.green

),

child: Text("React.js",style: TextStyle(color:Colors.yellowAccent,fontSize:25),),

),

Container(

margin: EdgeInsets.all(15.0),

padding: EdgeInsets.all(8.0),

decoration:BoxDecoration(

borderRadius:BorderRadius.circular(8),

color:Colors.green

),

child: Text("Flutter",style: TextStyle(color:Colors.yellowAccent,fontSize:25),),

),

Container(

margin: EdgeInsets.all(12.0),

padding: EdgeInsets.all(8.0),

decoration:BoxDecoration(

borderRadius:BorderRadius.circular(8),

color:Colors.green

),

child: Text("MySQL",style: TextStyle(color:Colors.yellowAccent,fontSize:25),),

),

] // This trailing comma makes auto-formatting nicer for build methods.

),

);

}

}

**import 'package:flutter/material.dart';**

**void main() {**

**runApp(const MyApp());**

**}**

**class MyApp extends StatelessWidget {**

**const MyApp({super.key});**

**// This widget is the root of your application.**

**@override**

**Widget build(BuildContext context) {**

**return MaterialApp(**

**title: 'Flutter Demo',**

**theme: ThemeData(**

**colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),**

**useMaterial3: true,**

**),**

**home: const MyHomePage(title: 'Flutter Demo Home Page'),**

**);**

**}**

**}**

**class MyHomePage extends StatefulWidget {**

**const MyHomePage({super.key, required this.title});**

**final String title;**

**@override**

**State<MyHomePage> createState() => \_MyHomePageState();**

**}**

**class \_MyHomePageState extends State<MyHomePage> {**

**int \_counter = 0;**

**void \_incrementCounter() {**

**setState(() {**

**\_counter++;**

**});**

**}**

**@override**

**Widget build(BuildContext context) {**

**return Scaffold(**

**appBar: AppBar(**

**title: Text(widget.title),**

**),**

**body: Column(**

**mainAxisAlignment:MainAxisAlignment.spaceEvenly,**

**children: <Widget>[**

**Container(**

**margin:EdgeInsets.all(12.0),**

**padding:EdgeInsets.all(8.0),**

**decoration:BoxDecoration(borderRadius:BorderRadius.circular(8),**

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**child: Text("React.js",style: TextStyle(color:Colors.yellowAccent,fontSize:25),),**

**),**

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**decoration:BoxDecoration(**

**borderRadius:BorderRadius.circular(8),**

**color:Colors.green**

**),**

**child: Text("MySQL",style: TextStyle(color:Colors.yellowAccent,fontSize:25),),**

**),**

**]**

**),**

**);**

**}**

**}**