**Assignment #1**

**Submitted To:**  Sir Muhammad Abdullah

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**Reg#**: SP19-BCS-045(A)

**Subject:**  MAD

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**Code**

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

title: 'Flutter Demo',

debugShowCheckedModeBanner: false,

theme: ThemeData(

primarySwatch: Colors.blue,

),

home: const MyHomePage(title: 'Counter App'),

);

}

}

class MyHomePage extends StatefulWidget {

final String title;

const MyHomePage({

Key? key,

required this.title,

}) : super(key: key);

@override

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

}

class \_MyHomePageState extends State<MyHomePage> {

int \_counter = 0;

incrementCounter() {

setState(() {

\_counter++;

});

}

decrementCounter() {

setState(() {

\_counter--;

});

}

resetCounter() {

setState(() {

\_counter=0;

});

}

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

centerTitle: true,

title: Text(widget.title),

backgroundColor: Colors.black87,

),

body: Center(

child: Container(

decoration: BoxDecoration(

gradient: LinearGradient(

begin: Alignment.centerRight,

end: Alignment.bottomLeft,

colors: [

Colors.yellow,

Colors.green,

Colors.white,

Colors.black87,

],

)

),

child: Center(

child: Text(

'$\_counter',

style: TextStyle(

fontSize: 100.0,

fontWeight: FontWeight.bold,

color: Colors.white,

),

),

),

),

),

floatingActionButton: Padding(

padding: EdgeInsets.only(top: 320,left: 30),

child: Row(

mainAxisAlignment: MainAxisAlignment.center,

crossAxisAlignment: CrossAxisAlignment.center,

children: <Widget>[

Align(

alignment: Alignment.center,

child: FloatingActionButton(

onPressed: incrementCounter,

child: Icon(Icons.add),

),

),

SizedBox(width: 20,),

Align(

alignment: Alignment.center,

child: FloatingActionButton(

onPressed: resetCounter,

child: Icon(Icons.delete\_forever\_sharp),

),

),

SizedBox(width: 20,),

Align(

alignment: Alignment.center,

child: FloatingActionButton(

onPressed: decrementCounter,

child: Icon(Icons.remove),

),

),

],

),

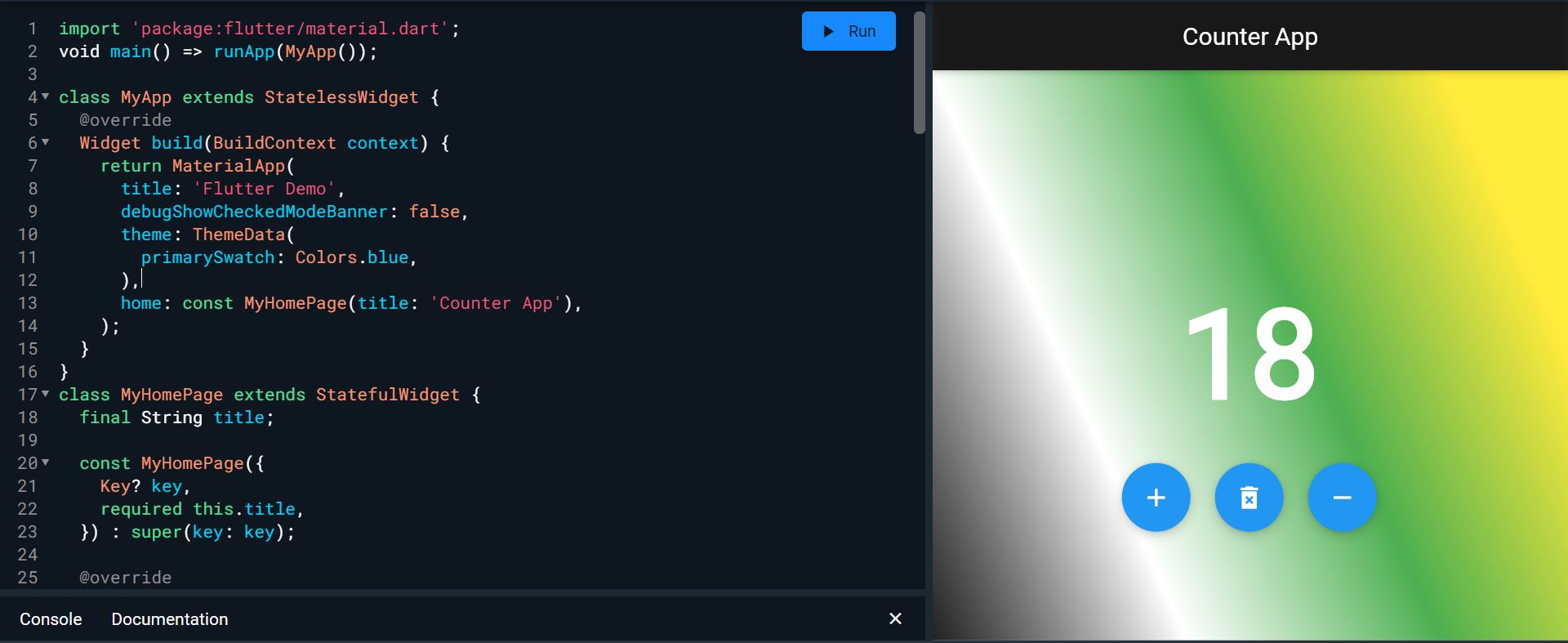
)

);

}

}

**Screenshots**

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