import 'package:flutter/material.dart';

void main() {

runApp(CalculatorApp());

}

class CalculatorApp extends StatelessWidget {

@override

Widget build(BuildContext context) {

return MaterialApp(

debugShowCheckedModeBanner: false,

home: CalculatorScreen(),

);

}

}

class CalculatorScreen extends StatelessWidget {

final List<List<String>> buttons = [

['/', '(', ')', 'C'],

['+', '7', '8', '9'],

['-', '4', '5', '6'],

['x', '1', '2', '3'],

['=', '0', '.'], // Last row with 3 buttons

];

@override

Widget build(BuildContext context) {

return Scaffold(

backgroundColor: Colors.black87, // Dark background for the calculator

appBar: AppBar(

title: Text('Kalkulyator'),

centerTitle: true,

backgroundColor: Colors.blue[400],

),

body: Column(

children: [

// Display area

Expanded(

flex: 1,

child: Container(

color: Colors.white, // White background for the display

alignment: Alignment.centerRight,

padding: EdgeInsets.all(20),

child: Text(

'0', // Default display value

style: TextStyle(fontSize: 60, color: Colors.blue),

),

),

),

// Buttons area

Expanded(

flex: 3,

child: Column(

children: [

Expanded(

flex: 4,

child: GridView.builder(

physics: NeverScrollableScrollPhysics(),

itemCount: 16, // First 4 rows (4x4 buttons)

gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(

crossAxisCount: 4,

childAspectRatio: 1, // Square-shaped buttons

),

itemBuilder: (BuildContext context, int index) {

int row = index ~/ 4;

int col = index % 4;

return GestureDetector(

onTap: () {

print('${buttons[row][col]} pressed');

},

child: Container(

margin: EdgeInsets.all(2),

color:

Colors.grey[900], // Dark background for buttons

alignment: Alignment.center,

child: Text(

buttons[row][col],

style: TextStyle(

color: Colors.white, // White text

fontSize: 40,

fontWeight: FontWeight.bold,

),

),

),

);

},

),

),

// Last row with custom layout

Expanded(

flex: 1,

child: Row(

children: [

// '=' button spanning two columns

Expanded(

flex: 2,

child: GestureDetector(

onTap: () {

print('= pressed');

},

child: Container(

margin: EdgeInsets.all(2),

color: Colors.grey[900], // Dark background for '='

alignment: Alignment.center,

child: Text(

'=',

style: TextStyle(

color: Colors.white,

fontSize: 50,

fontWeight: FontWeight.bold,

),

),

),

),

),

// '0' button

Expanded(

flex: 1,

child: GestureDetector(

onTap: () {

print('0 pressed');

},

child: Container(

margin: EdgeInsets.all(2),

color: Colors.grey[900], // Dark background for '0'

alignment: Alignment.center,

child: Text(

'0',

style: TextStyle(

color: Colors.white,

fontSize: 38,

fontWeight: FontWeight.bold,

),

),

),

),

),

// '.' button

Expanded(

flex: 1,

child: GestureDetector(

onTap: () {

print('. pressed');

},

child: Container(

margin: EdgeInsets.all(2),

color: Colors.grey[900], // Dark background for '.'

alignment: Alignment.center,

child: Text(

'.',

style: TextStyle(

color: Colors.white,

fontSize: 40,

fontWeight: FontWeight.bold,

),

),

),

),

),

],

),

),

],

),

),

],

),

);

}

}