**Task- 1**

**Aim: Create an app as shown in below image.**

**Program:**

import 'package:flutter/material.dart';

void main() {

runApp(

const MaterialApp(

debugShowCheckedModeBanner: false,

home: stackApp(),

),

);

}

class stackApp extends StatefulWidget {

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

@override

State<stackApp> createState() => \_stackAppState();

}

class \_stackAppState extends State<stackApp> {

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

backgroundColor: Colors.white,

title: const Text(

"Stack App",

style: TextStyle(color: Colors.black),

),

elevation: 0,

centerTitle: true,

),

body: Container(

color: Colors.white,

child: Stack(

children: [

Positioned(

top: 50,

left: 40,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"Purple",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Color(0xffef00d3),

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(0, 0),

spreadRadius: 3,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6),

),

],

),

),

),

Positioned(

top: 80,

left: 75,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"Indigo",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.indigo,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(0, 0),

spreadRadius: 3,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6)),

],

),

),

),

Positioned(

top: 110,

left: 110,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"LightBlue",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.lightBlueAccent,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(1, 5),

spreadRadius: 2,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6)),

],

),

),

),

Positioned(

top: 140,

left: 140,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"Green",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.green,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(1, 5),

spreadRadius: 2,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6),

),

],

),

),

),

Positioned(

top: 170,

left: 175,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"Amber",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.amber,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(1, 5),

spreadRadius: 2,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6),

),

],

),

),

),

Positioned(

top: 203,

left: 210,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"Orange",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.orange,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(1, 5),

spreadRadius: 2,

blurRadius: 5,

color: Colors.grey.withOpacity(0.6),

),

],

),

),

),

Positioned(

top: 235,

left: 240,

width: 150,

height: 150,

child: Container(

alignment: Alignment(-0.8, -0.9),

child: const Text(

"RedAccent",

style: TextStyle(

fontSize: 18,

color: Colors.white,

fontWeight: FontWeight.bold),

),

decoration: BoxDecoration(

color: Colors.redAccent,

borderRadius: BorderRadius.circular(20),

boxShadow: <BoxShadow>[

BoxShadow(

offset: Offset(1, 5),

spreadRadius: 1,

blurRadius: 3,

color: Colors.grey.withOpacity(0.6),

),

],

),

),

),

],

),

),

);

}

}

**Output:**

****