**Task- 1**

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

**Program:**

import 'package:flutter/material.dart';

void main() {

runApp(

const MaterialApp(

home: imageApp(),

debugShowCheckedModeBanner: false,

),

);

}

class imageApp extends StatefulWidget {

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

@override

\_imageAppState createState() => \_imageAppState();

}

class \_imageAppState extends State<imageApp> {

var i1 = [

"assets/images/11.jpg",

"assets/images/12.jpg",

"assets/images/13.jpg",

"assets/images/14.jpg",

"assets/images/15.jpg",

];

var i2 = [

"https://images.unsplash.com/photo-1618641662184-bafefb91a542?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxzZWFyY2h8NXx8bGlvbnxlbnwwfHwwfHw%3D&auto=format&fit=crop&w=500&q=60",

"https://images.unsplash.com/photo-1593179449458-e0d43d512551?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHxzZWFyY2h8NXx8aG9yc2V8ZW58MHx8MHx8&auto=format&fit=crop&w=500&q=60",

"https://images.unsplash.com/photo-1652011609738-74e036599c03?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHx0b3BpYy1mZWVkfDE2fEpwZzZLaWRsLUhrfHxlbnwwfHx8fA%3D%3D&auto=format&fit=crop&w=500&q=60",

"https://images.unsplash.com/photo-1652303308996-0a0c780587f8?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHx0b3BpYy1mZWVkfDF8SnBnNktpZGwtSGt8fGVufDB8fHx8&auto=format&fit=crop&w=500&q=60",

"https://images.unsplash.com/photo-1650825812402-ea829284d5d1?ixlib=rb-1.2.1&ixid=MnwxMjA3fDB8MHx0b3BpYy1mZWVkfDk1fEpwZzZLaWRsLUhrfHxlbnwwfHx8fA%3D%3D&auto=format&fit=crop&w=500&q=60",

];

var change = 0;

@override

Widget build(BuildContext context) {

return Scaffold(

appBar: AppBar(

backgroundColor: Colors.black,

title: const Text(

("GALLERY VIEWER"),

style: TextStyle(

letterSpacing: 4,

),

),

actions: [

InkWell(

onTap: () {

setState(() {

(change == 0) ? change = 1 : change = 0;

});

},

child: Icon(Icons.menu),

),

],

centerTitle: true,

),

body: SingleChildScrollView(

scrollDirection: (change == 0) ? Axis.vertical : Axis.horizontal,

child: (change == 0)

? Column(

children: [

Column(

children: i2.map((e) {

return Center(

child: Container(

height: 700,

margin: EdgeInsets.all(3),

child: Image.network(

e,

fit: BoxFit.cover,

),

),

);

}).toList(),

),

Column(

children: i1.map((e) {

return Center(

child: Container(

margin: EdgeInsets.all(2),

child: Image.asset(

e,

fit: BoxFit.cover,

),

),

);

}).toList(),

),

],

)

: Row(

children: [

Row(

children: i2.map((e) {

return Center(

child: Container(

height: 700,

margin: EdgeInsets.all(5),

child: Image.network(

e,

fit: BoxFit.cover,

),

),

);

}).toList(),

),

Row(

children: i1.map((e) {

return Center(

child: Container(

margin: EdgeInsets.all(5),

child: Image.asset(

e,

fit: BoxFit.cover,

),

),

);

}).toList(),

),

],

),

),

);

}

}

**Output:**

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