

Manthan Maru

Roll No. 2

TEIT 2

Batch I4

Practical Exam

Aim:

To design a layout of flutter app using layout widgets.

Code:

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

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

class MyApp extends StatelessWidget {
  const MyApp({super.key});

  @override
  Widget build(BuildContext context) {
    final List<String> items =
      List<String>.generate(4, (i) => "List ${i + 1}");

    return MaterialApp(
      title: 'Roll No. 2, Practical Exam',
      home: Scaffold(
        appBar: AppBar(
          title: const Text('Roll No. 2, Practical Exam'),
        ),
        body: SingleChildScrollView(
          child: Column(
            mainAxisAlignment: MainAxisAlignment.center,
            children: [
```

```
const Text(  
  'Grid View:',  
)  
  
const SizedBox(height: 30),  
  
Row(  
  mainAxisAlignment: MainAxisAlignment.spaceEvenly,  
  children: <Widget>[  
    Container(  
      width: 80,  
      height: 80,  
      color: Colors.blue,  
    ),  
    Container(  
      width: 80,  
      height: 80,  
      color: Colors.green,  
    ),  
    Container(  
      width: 80,  
      height: 80,  
      color: Colors.red,  
    ),  
  ],  
)  
  
const SizedBox(height: 20),  
  
const Text(  
  "
```

```
    ),  
    const SizedBox(height: 20),  
    const Text(  
      'ListView:',  
    ),  
    const SizedBox(height: 10),  
    ListView.builder(  
      shrinkWrap: true,  
      itemCount: items.length,  
      itemBuilder: (BuildContext context, int index) {  
        return ListTile(  
          title: Text(items[index]),  
          tileColor: index % 2 == 0 ? Colors.cyanAccent : Colors.grey,  
        );  
      },  
    ),  
  ],  
),  
),  
),  
);  
}  
}
```

Output:

