LAB 7

NAME: SINDHAL VISHAL JAYESHBHAI

ROLL NO: CE129
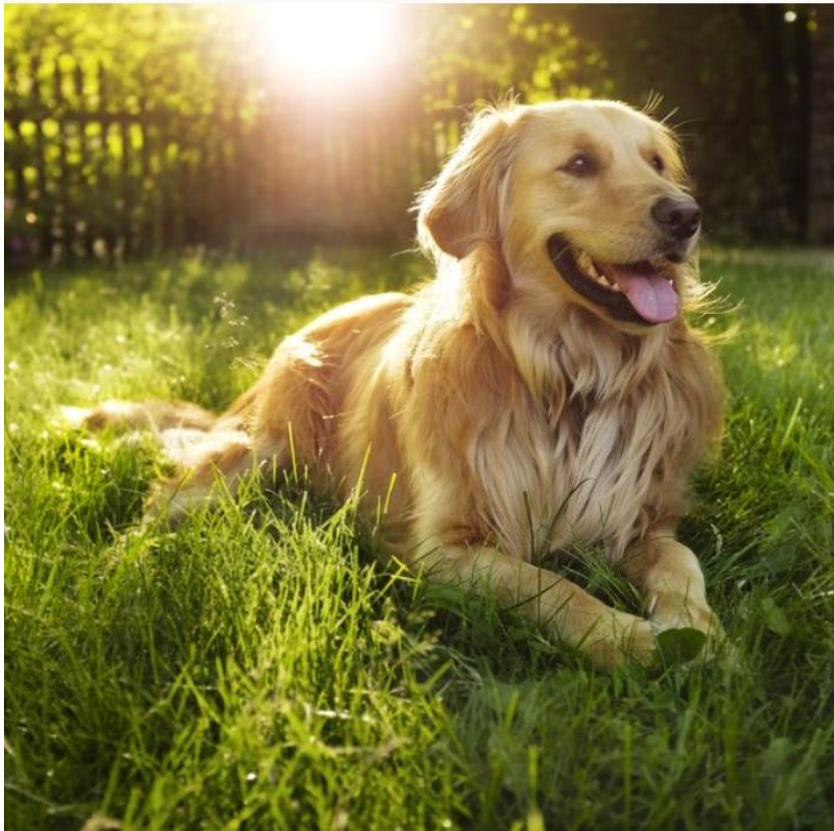
1) Code test 1:
- Code:

```
3   void main() => runApp(MaterialApp(
4       debugShowCheckedModeBanner: false,
5       home: HomePage(),
6   )); // MaterialApp
7
8   class HomePage extends StatelessWidget {
9     const HomePage({super.key});
10
11    @override
12    Widget build(BuildContext context) {
13      return Scaffold(
14        appBar: AppBar(
15          title: Text('HELLO FLUTTER... MY FIRST APP'),
16          centerTitle: true,
17          backgroundColor: Colors.red[600],
18        ), // AppBar
19        body: Center(
20          child: Image(
21            image: AssetImage('assets/images/dog2.jpg'),
22          ), // Image
23        ), // Center
24        floatingActionButton: FloatingActionButton(
25          onPressed: () {},
26          child: Text('click'),
27          backgroundColor: Colors.red[600],
28        ), // FloatingActionButton
29      ); // Scaffold
30    }
31  }
```

- Output:

HELLO FLUTTER... MY FIRST APP

click

2) Code test 2:
- Code:

```
3    void main() => runApp(MaterialApp(
4        debugShowCheckedModeBanner: false,
5        home: HomePage(),
6      )); // MaterialApp
7
8    class HomePage extends StatelessWidget {
9      const HomePage({super.key});
10
11      @override
12      Widget build(BuildContext context) {
13        return Scaffold(
14          appBar: AppBar(
15            title: Text('HELLO FLUTTER... MY FIRST APP'),
16            centerTitle: true,
17            backgroundColor: Colors.red[600],
18          ), // AppBar
19          body: Center(
20            child: Icon(
21              Icons.flutter_dash,
22              color: Colors.amber,
23              size: 100,
24            ), // Icon
25          ), // Center
26          floatingActionButton: FloatingActionButton(
27            onPressed: () {},
28            child: Text('click'),
29            backgroundColor: Colors.red[600],
30          ), // FloatingActionButton
31        ); // Scaffold
32      }
33    }
```

- Output:

HELLO FLUTTER... MY FIRST APP

click

3) Code test 3:
- Code:

```dart
 3   void main() => runApp(MaterialApp(
 4       debugShowCheckedModeBanner: false,
 5       home: HomePage(),
 6     )); // MaterialApp
 7
 8   class HomePage extends StatelessWidget {
 9     const HomePage({super.key});
10
11     @override
12     Widget build(BuildContext context) {
13       return Scaffold(
14         appBar: AppBar(
15           title: Text('BUTTONS WIDGET APP'),
16           centerTitle: true,
17           backgroundColor: Colors.red[600],
18         ), // AppBar
19         body: Center(
20           child: ElevatedButton(
21             child: Text('Button'),
22             onPressed: () {},
23             style: ElevatedButton.styleFrom(
24               primary: Colors.purple[800],
25               padding: EdgeInsets.symmetric(horizontal: 50, vertical: 20),
26               textStyle: TextStyle(
27                 fontSize: 40,
28                 fontWeight: FontWeight.bold,
29               )), // TextStyle
30           ), // ElevatedButton
31         ), // Center
32         floatingActionButton: FloatingActionButton(
33           onPressed: () {},
34           child: Text('click'),
35           backgroundColor: Colors.red[600],
36         ), // FloatingActionButton
37       ); // Scaffold
38     }
39   }
```

- Output:

BUTTONS WIDGET APP

Click Me

click

- Code:

```
3    void main() => runApp(MaterialApp(
4        debugShowCheckedModeBanner: false,
5        home: HomePage(),
6    )); // MaterialApp
7
8    class HomePage extends StatelessWidget {
9      const HomePage({super.key});
10
11     @override
12     Widget build(BuildContext context) {
13       return Scaffold(
14         appBar: AppBar(
15           title: Text('BUTTONS WIDGET APP'),
16           centerTitle: true,
17           backgroundColor: Colors.red[600],
18         ), // AppBar
19         body: Center(
20           child: IconButton(
21             icon: Icon(
22               Icons.mail_outline_sharp,
23               size: 50.0,
24             ), // Icon
25             tooltip: 'send me mail',
26             onPressed: () {
27               print('on console print');
28             },
29           ), // IconButton
30         ), // Center
31         floatingActionButton: FloatingActionButton(
32           onPressed: () {},
33           child: Text('click'),
34           backgroundColor: Colors.red[600],
35         ), // FloatingActionButton
36       ); // Scaffold
37     }
38   }
```

- Output:

BUTTONS WIDGET APP

✉

click

- Code:

```
3    void main() => runApp(MaterialApp(
4        debugShowCheckedModeBanner: false,
5        home: HomePage(),
6    )); // MaterialApp
7
8    class HomePage extends StatelessWidget {
9      const HomePage({super.key});
10
11     @override
12     Widget build(BuildContext context) {
13       return Scaffold(
14         appBar: AppBar(
15           title: Text('BUTTONS WIDGET APP'),
16           centerTitle: true,
17           backgroundColor: Colors.red[600],
18         ), // AppBar
19         body: Center(
20           child: ElevatedButton(
21             onPressed: () {
22               print('print on console');
23             },
24             child: Text('Click Me'),
25             style: ElevatedButton.styleFrom(
26                 primary: Colors.blue[800],
27                 padding: EdgeInsets.symmetric(horizontal: 50, vertical: 20),
28                 textStyle: TextStyle(
29                   fontSize: 40,
30                   fontWeight: FontWeight.bold,
31                 )), // TextStyle
32           ), // ElevatedButton
33         ), // Center
34         floatingActionButton: FloatingActionButton(
35           onPressed: () {},
36           child: Text('click'),
37           backgroundColor: Colors.red[600],
38         ), // FloatingActionButton
39       ); // Scaffold
```

- Output:

Gallery

click

- Code:

```dart
void main() => runApp(MaterialApp(
    debugShowCheckedModeBanner: false,
    home: HomePage(),
)); // MaterialApp

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

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('BUTTONS WIDGET APP'),
        centerTitle: true,
        backgroundColor: Colors.red[600],
      ), // AppBar
      body: Center(
        child: TextButton.icon(
          icon: Icon(
            Icons.photo_camera,
            color: Colors.black,
            size: 50.0,
          ), // Icon
          label: Text(
            "Gallery",
            style: TextStyle(
              color: Colors.black,
              fontSize: 40.0,
              letterSpacing: 2.0,
            ), // TextStyle
            textAlign: TextAlign.start,
          ), // Text
          onPressed: () {},
        ), // TextButton.icon
      ), // Center
      floatingActionButton: FloatingActionButton(
        onPressed: () {},
        child: Text('click'),
        backgroundColor: Colors.red[600],
      ), // FloatingActionButton
    ); // Scaffold
  }
}
```

- Output:

Gallery 📷

click

- Code:

```dart
void main() => runApp(MaterialApp(
    debugShowCheckedModeBanner: false,
    home: HomePage(),
  )); // MaterialApp

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

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('BUTTONS WIDGET APP'),
        centerTitle: true,
        backgroundColor: Colors.red[600],
      ), // AppBar
      body: Center(
        child: Directionality(
          textDirection: TextDirection.rtl,
          child: TextButton.icon(
            icon: Icon(
              Icons.photo_camera,
              color: Colors.greenAccent,
              size: 50.0,
            ), // Icon
            label: Text(
              "Gallery",
              style: TextStyle(
                color: Colors.black,
                fontSize: 40.0,
                letterSpacing: 2.0,
              ), // TextStyle
              textAlign: TextAlign.start,
            ), // Text
            onPressed: () {},
          ), // TextButton.icon
        ), // Directionality
      ), // Center
      floatingActionButton: FloatingActionButton(
        onPressed: () {},
        child: Text('click'),
        backgroundColor: Colors.red[600],
      ), // FloatingActionButton
    ); // Scaffold
  }
```

- Output:

BUTTONS WIDGET APP

✉

send mail me

click