Practical 6:
Create an app using Flutter to demonstrate
the use of different layouts.

```
import 'package:flutter/material.dart';
void main() => runApp(MyApp());
class MyApp extends statless widget{
@override
widget build(Build Context context){
return Material App(
title: 'Single layout widget',
debug ShowCheckedModeBanner: false,
theme: Theme Data(
primary Swatch: Colors.blue,
),
home: My Home Page(),
);
}
}
Class My HomePage extends Stateless Widget{
@override
widget build(Build Context context){
return Scaffold(
appBar: App Bar(
title: Text("Overflow Box widget"),
),
body: center(
child: Container(
height: 50.0,
width: 50.0,
color: Colors.red,
```

```
child:overflowBox(
  minHeight: 70.0
  minwidth: 70.0,
  child: container(
    height: 50.0,
    width: 50.0,
    color: Colors.blue
  ),
 ),
 ),
 ),
 ),
 3
 3
```

child:overflowBox(
minHeight: 70.0
minwidth: 70.0,

Practical 4

Create an app using Flutter to demonstrate navigation
or in an App:

Code in the main.dart file

```dart
import 'package:flutter/material.dart';
void main() {
  runApp(MaterialApp(
    title: 'Flutter Navigation',
    theme: ThemeData(
      primarySwatch: Colors.green,
    ),
    home: FirstRoute(),
  ));
}

class FirstRoute extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text('First Screen'),
      ),
      body: Center(
        child: RaisedButton(
          child: Text('Click Here');
          color: Colors.orangeAccent,
          onPressed: () {
            Navigator.push(
              context,
              MaterialPageRoute(builder:(context) => SecondRoute())
```

```dart
        ),
      },
    ),
  ),
);
}
}

Class SecondRoute extends Stateless Widget {
@override
Widget build(BuildContext context {
return Scaffold(
appBar: AppBar(
title: Text("second screen")
),
body: Center(
child: RaisedButton(
color: Colors.bluegrey,
onPressed:(){
Navigator. pop (context);
},
child: Text('Go back'),
),
),
);
}
}
```