

## **Code :**

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

void main() {
  runApp(const MyApp());
}

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Demo',
      theme: ThemeData(
        colorScheme: ColorScheme.fromSeed(seedColor: Colors.deepPurple),
        useMaterial3: true,
      ),
      home: const MyHomePage(title: 'Flutter Demo Home Page'),
    );
  }
}

class MyHomePage extends StatefulWidget {
  const MyHomePage({super.key, required this.title});

  final String title;

  @override
  State<MyHomePage> createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  int _counter = 0;

  void _incrementCounter() {
```

```
setState(() {  
  _counter++;  
});  
}  
  
@override  
Widget build(BuildContext context) {  
  return Scaffold(  
    appBar: AppBar(  
      backgroundColor: Theme.of(context).colorScheme.inversePrimary,  
      title: Text(widget.title),  
    ),  
    body: Center(  
      child: Column(  
        mainAxisAlignment: MainAxisAlignment.center,  
        children: <Widget>[  
          const Text(  
            'You have pushed the button this many times:',  
          ),  
          Text(  
            '$_counter',  
            style: Theme.of(context).textTheme.headlineMedium,  
          ),  
        ],  
      ),  
    ),  
    floatingActionButton: FloatingActionButton(  
      onPressed: _incrementCounter,  
      tooltip: 'Increment',  
      child: const Icon(Icons.add),  
    ),  
  ),  
);
```

```
);  
}  
}
```

**Output :**

