

Homepage.dart

```
1 import 'package:flutter/material.dart';
2 import 'package:rest_api/post_request.dart';
3 import 'package:rest_api/put_request.dart';
4
5 void main() {
6   runApp(const MyApp());
7 }
8
9 class MyApp extends StatelessWidget {
10   const MyApp({super.key});
11
12   @override
13   Widget build(BuildContext context) {
14     return const MaterialApp(
15       home: PutRequest(),
16     );
17   }
18 }
```

Post_request

```
1 import 'package:flutter/material.dart';
2 import 'package:dio/dio.dart';
3
4 class PostRequest extends StatefulWidget {
5   const PostRequest({super.key});
6
7   @override
8   State<PostRequest> createState() => _PostRequestState();
9 }
10
11 class _PostRequestState extends State<PostRequest> {
12   @override
13   Widget build(BuildContext context) {
14     return Scaffold(
15       appBar: AppBar(
16         title: const Text(
17           'Get Request',
18         ),
19       ),
20       body: Center(
21         child: Container(
22           child: ElevatedButton(
23             onPressed: () {
24               postData();
25             },
26             child: const Text('Put Request'),
27           ),
28         ),
29       ),
30     );
31   }
32 }
33
34 void postData() async {
35   var dio = Dio();
36   var response = await dio.post(
37     "http://my-json-server.typicode.com/hadihammurabi/flutter-webservice/contacts",
38     data: {
39       'name': 'John Doe',
40       'email': 'johndoe@example.com',
41       'phone': '1234567890'
42     });
43   print(response.statusCode);
44   print(response.data.toString());
45 }
```

Desentralisasi json

```
1 import 'dart:convert';
2
3 void main() {
4   var dataJson = '{"id": "2", "name": "John Thor", "phone": "0857676565688"}';
5   var dataMap = jsonDecode(dataJson);
6   print(dataMap);
7 }
```

Put_request

```
1 import 'package:flutter/material.dart';
2 import 'package:dio/dio.dart';
3
4 class PutRequest extends StatefulWidget {
5   const PutRequest({super.key});
6
7   @override
8   State<PutRequest> createState() => _PutRequestState();
9 }
10
11 class _PutRequestState extends State<PutRequest> {
12   @override
13   Widget build(BuildContext context) {
14     return Scaffold(
15       appBar: AppBar(
16         title: Text('Put Request'),
17       ),
18       body: Center(
19         child: Container(
20           child: ElevatedButton(
21             onPressed: () {
22               fetchData();
23             },
24             child: Text('Put Request'),
25           ),
26         ),
27       ),
28     );
29   }
30 }
31
32 void fetchData() async {
33   var dio = Dio();
34   var response =
35     await dio.put("https://reqres.in/api/users/2", data: {
36       'id': 1,
37       'title': 'foo',
38       'body': 'bar',
39       'userId': 1,
40     });
41   print(response.data.toString());
42 }
```