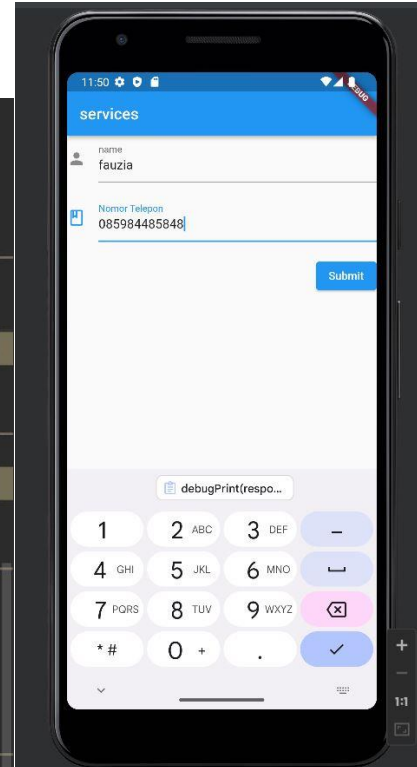


Soal Prioritas 1 (80)

1. Lakukan `POST` request dengan menggunakan `DIO` untuk mengirimkan data contact! gunakan url pada slide 12.

```
Row(  
  mainAxisAlignment: MainAxisAlignment.end,  
  children: [  
    ElevatedButton(  
      onPressed: () async {  
        if (_formKey.currentState!.validate()) {  
          final Dio dio = Dio();  
          final Response response = await dio.post(  
            'http://my-json-server.typicode.com/hadihammurabi/flutter-webs  
            data : {  
              'name': _nameController.text,  
              'phone': _phoneController.text,  
            },  
          );  
          debugPrint(response.data.toString());  
          return response.data;  
        }  
      },  
      child: Text('Submit'),  
    ), // ElevatedButton  
  ], // Row  
)
```



```
D/EGLEmulation(18281): app_time_stats: avg=503.80ms min=498.85ms max=508.75ms  
count=2  
D/EGLEmulation(18281): app_time_stats: avg=94.41ms min=8.88ms max=496.24ms  
count=14  
D/EGLEmulation(18281): app_time_stats: avg=504.55ms min=480.40ms max=528.70ms  
count=2  
D/EGLEmulation(18281): app_time_stats: avg=497.48ms min=489.25ms max=503.31ms,  
count=3
```

2. Ubahlah bentuk JSON berikut kedalam bentuk Object dari suatu class! Gunakan data JSON pada URL berikut: <https://my-json-server.typicode.com/hadihammurabi/flutter-webservice/contacts/2>

```
rest_api_client.dart x
D:/flutter/src/flutter/bin/cache/dart-sdk/bin/dart.exe --enable-asserts
D:\fauzia\project_flutter\rest_api_client\bin\rest_api_client.dart
Alex Under
John Thor
Isa Bell

Process finished with exit code 0

// I
class User {
  int id;
  String name;
  String phone;

  User({
    required this.id,
    required this.name,
    required this.phone,
  });

  factory User.fromJson(Map<String, dynamic> json) {
    return User(
      id: json['id'],
      name: json['name'],
      phone: json['phone'],
    );
  }
}

void main() async {
  Dio dio = Dio();
  Response response =
    await dio.get('http://my-json-server.typicode.com/hadihammurabi/flutter-

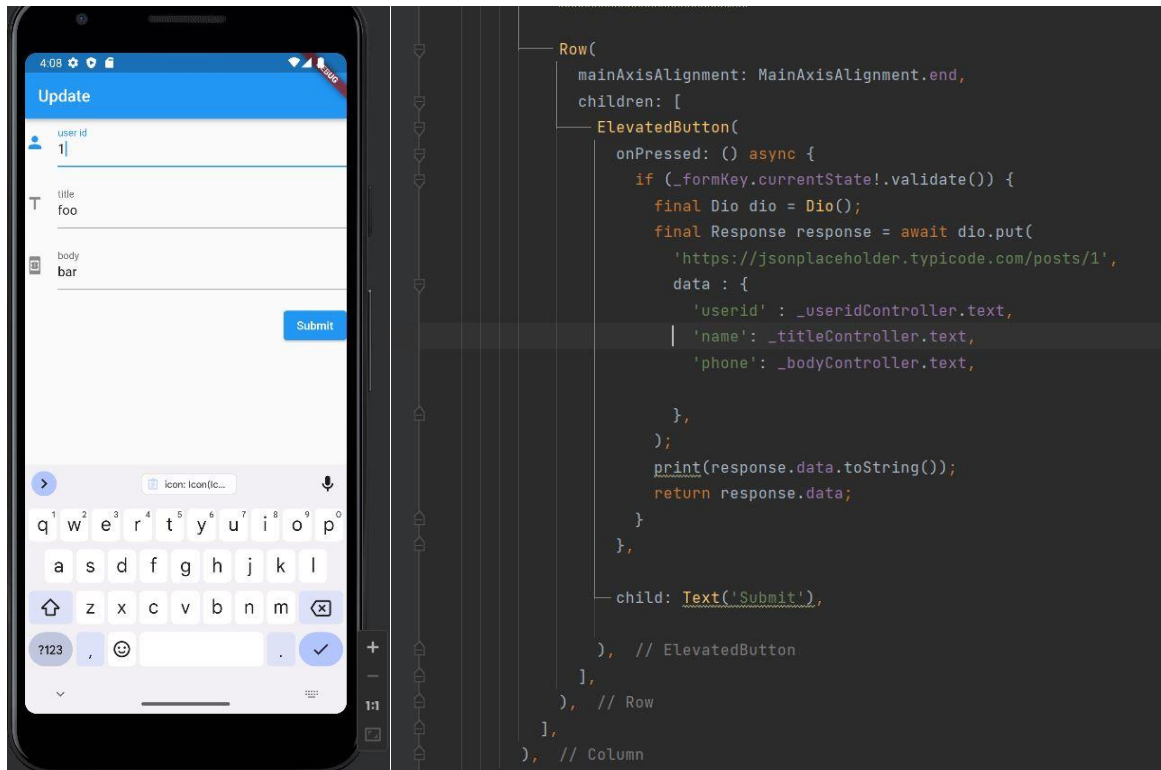
  List<dynamic> usersJson = jsonDecode(jsonEncode(response.data));

  List<User> users =
    usersJson.map((json) => User.fromJson(json)).toList();
  users.forEach((user) => print(user.name));
}
```

3. Lakukan PUT request dengan menggunakan DIO. Berikut adalah kriteria request yang harus dipenuhi:

1. endpoint yang digunakan: `https://jsonplaceholder.typicode.com/posts/1`
2. request body yang digunakan:

```
4. {  
5.   id: 1,  
6.   title: 'foo',  
7.   body: 'bar',  
8.   userId: 1,  
9. }
```



```
count=3  
D/EGL_emulation(21612): app_time_stats: avg=55.37ms min=9.41ms max=536.10ms  
count=15  
I/flutter (21612): {userid: 1, name: foo, phone: bar, id: 1}  
D/EGL_emulation(21612): app_time_stats: avg=195.86ms min=11.22ms max=502.35ms  
count=7
```

Soal Prioritas 2 (20)

1. Buatlah sebuah aplikasi sederhana untuk menampilkan gambar yang diambil melalui DiceBear API. Gambar harus diambil melalui mekanisme data fetching (tidak boleh hard code secara langsung).

