

```

mixin Kemampuan{
    var lari = 30;
}

class Mamalia {
    void menyusui(){
        print("Bisa Menyusui...");
    }
}

//Extends hanya bisa 1 kali dalam setiap kelas
//class biasanya untuk blueprint, kalau mixin biasanya digunakan di
//beberapa kelas dengan with dan bukan fungsi blueprint
class Orang extends Mamalia with Kemampuan{
    String ? name;
    int? age;

    Orang({this.name,this.age}); //constructor
    //Kurung kurawal untuk name argument jadi kalau data
    //banyak bisa nulisnya diacak
} //membuat object

//orang(String nama,int age){
//    print(nama);
//    print(age);
//} //template function namun kurang efektif

void tambah(double angka1,double angka2){
    double hasil = angka1+angka2;
    print (hasil);
} // function

void main(){
    //print("haloo");
    //print(25);
    //tambah(1,2.5);

    //orang("Arin",19);

    var orang1 = Orang(name : "Arin",age: 19);
    print(orang1.name);
    print(orang1.age);
    orang1.menyusui();

    var orang2 =Orang(age: 19 , name : "Lee Je Hoon");
    print(orang2.name);
    print(orang2.age);
    print(orang2.lari);
}

```

```

1 ▾ mixin Kemampuan{
2     var lari = 30;
3 }
4
5 ▾ class Mamalia {
6     void menyusui(){
7         print("Bisa Menyusui...");
8     }
9 }
10 //Extends hanya bisa 1 kali dalam setiap kelas
11 //class biasanya untuk blueprint, kalau mixin biasanya digunakan di
12 //beberapa kelas dengan with dan bukan fungsi blueprint
13 ▾ class Orang extends Mamalia with Kemampuan{
14     String ? name;
15     int? age;
16
17     Orang({this.name,this.age}); //constructor
18     //Kurung kurawal untuk name argument jadi kalau data
19     //banyak bisa nulisnya diacak
20 } //membuat object
21
22 //orang(String nama,int age){
23     //print(nama);
24     //print(age);
25 } //template function namun kurang efektif
26
27 ▾ void tambah(double angka1,double angka2){
28     double hasil = angka1+angka2;
29     print (hasil);
30 } // function
31 ▾ void main(){
32     //print("haloo");
33     //print(25);
34     //tambah(1,2.5);
35
36     //orang("Arin",19);
37
38     var orang1 = Orang(name : "Arin",age: 19);
39     print(orang1.name);
40     print(orang1.age);
41     orang1.menyusui();
42
43     var orang2 =Orang(age: 19 , name : "Lee Je Hoon");
44     print(orang2.name);
45     print(orang2.age);
46     print(orang2.lari);
47 }
48

```

## Text Widget

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

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

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        backgroundColor: Colors.white,
        appBar: AppBar(
          title: Center(
            child: Text("My Apps"),
          ),
        ),
        body: Center(
          child: Text(
            "HALOabshdddsbdk sjdbdsdshahdadadabdjabdksadajdwghdwfcsbcsdjbsjdjadabjdb  
babddadsdsbdasjdbjjadbadbajdabdbadabdbasdbabdsdshdshdsbsdhsabda jdhbxbhsdbh  
sdhshdshdashdadsdadbsadsahdajbasbdbsa jdakbhdadbadbbdad jkadasahdhabdadbb  
dbdbabdkabdkbakdbabjdjad jadakkbssdsbdb",
            maxLines: 3,
            overflow: TextOverflow.ellipsis,
            textAlign: TextAlign.center,
            style: TextStyle(
              backgroundColor: Colors.amber,
              color: Colors.black,
              fontSize: 30,
              fontWeight: FontWeight.bold,
              letterSpacing: 10,
              fontFamily: 'Stick',
              decorationStyle: TextDecorationStyle.wavy,
              decoration: TextDecoration.lineThrough,
              decorationColor: Colors.white,
            ),
          ),
        ),
      ),
    );
  }
}
```

```

        decorationThickness: 5,
      ),
    ),
  ),
),
);
}
}

```

## FLUTTER 06 Visible dan Invisible Widget (Tutorial Flutter Bahasa Indonesia)

```

import 'package:flutter/material.dart';

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

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        backgroundColor: Colors.white,
        appBar: AppBar(
          title: Center(
            child: Text("Coloumn"),
          ),
          backgroundColor: Colors.amber,
        ),
        body: Stack(
          children: [
            Container(
              height: 400,
              width: 400,

```

```

        color: Colors.green,
      ),
      Container(
        height: 300,
        width: 300,
        color: Colors.blue,
      ),
      Container(
        height: 200,
        width: 200,
        color: Colors.black,
      ),
      Container(
        height: 100,
        width: 100,
        color: Colors.deepPurple,
      ),
    ],
  )),
);
}
}

```

## FLUTTER 07 List View (Tutorial Flutter Bahasa Indonesia)

```

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {
  final List<Color> myColor = [
    Colors.green,
    Colors.blue,

```

```

        Colors.black,
        Colors.deepPurple
    ];

    final List<Widget> myList = List.generate(
        100,
        (index) => Text(
            "${index + 1}",
            style: TextStyle(
                fontSize: 20 + double.parse(index.toString()),
            ),
        ),
    );

    @override
    Widget build(BuildContext context) {
        return MaterialApp(
            debugShowCheckedModeBanner: false,
            home: Scaffold(
                backgroundColor: Colors.white,
                appBar: AppBar(
                    title: const Center(
                        child: Text("List View"),
                    ),
                    backgroundColor: Colors.deepOrange,
                ),
                body: ListView(
                    children: myList,
                ),
            ),
        );
    }
}

```

## FLUTTER 08 List Tile (Tutorial Flutter Bahasa Indonesia)

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

```

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Center(
            child: Text("List Title"),
          ),
        ),
        body: ListView(
          children: [
            ListTile(
              title: Text("Zahrina Candrakanti"),
              subtitle: Text(
                "This is subtitle
okay...jscjcbjasbjdnasiasddjaddsajdsajdasbjcasdscncjsscscnjl najcnjasc
jkascjbcbj",
                maxLines: 2,
                overflow: TextOverflow.ellipsis,
              ),
              leading: CircleAvatar(),
              trailing: Text("10:00 PM"),
              tileColor: Colors.amber,
              contentPadding:
                EdgeInsets.symmetric(vertical: 20, horizontal:
8),
            ),
            Divider(
              color: Colors.black,
            ),
            ListTile(
              title: Text("Zahrina Candrakanti"),
              subtitle: Text("This is subtitle okay..."),
              leading: CircleAvatar(),
              trailing: Text("10:00 PM"),
            ),
            Divider(

```

```

        color: Colors.black,
      ),
      ListTile(
        title: Text("Zahrina Candrakanti"),
        subtitle: Text("This is subtitle okay..."),
        leading: CircleAvatar(),
        trailing: Text("10:00 PM"),
      ),
      Divider(
        color: Colors.black,
      ),
      ListTile(
        title: Text("Zahrina Candrakanti"),
        subtitle: Text("This is subtitle okay..."),
        leading: CircleAvatar(),
        trailing: Text("10:00 PM"),
      ),
      Divider(
        color: Colors.black,
      ),
    ],
  ));
}
}

```

## FLUTTER 09 Image Widget (Tutorial Flutter Bahasa Indonesia)

```

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {

```



```

return MaterialApp(
  debugShowCheckedModeBanner: false,
  home: Scaffold(
    appBar: AppBar(
      title: Center(
        child: Text("image widget"),
      ),
    ),
    body: Center(
      child: Container(
        width: 300,
        height: 500,
        color: Colors.amber,
        child: Image.network(
          "https://picsum.photos/300/500",
          fit: BoxFit.cover,
        ),
        //child: Image(
        // fit: BoxFit.cover,
        // image: AssetImage("images/image.jpg"),
        //image: NetworkImage("https://picsum.photos/300/500"),
        // ),
      ),
    ),
  ),
);
}

```

## FLUTTER 10 Extract Widget (Tutorial Flutter Bahasa Indonesia)

```

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

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

```

```

class MyApp extends StatelessWidget {
  var faker = new Faker();
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Center(
            child: Text("Extract widget"),
          ),
        ),
        body: ListView.builder(
          itemCount: 100,
          itemBuilder: (context, index) {
            return ChatItem(
              imageUrl: "https://picsum.photos/id/$index/200/300",
              title: faker.person.name(),
              subtitle: faker.lorem.sentence(),
            );
          },
        ),
      ),
    );
  }
}

class ChatItem extends StatelessWidget {
  final String? imageUrl;
  final String? title;
  final String? subtitle;

  const ChatItem({this.imageUrl, this.title, this.subtitle});

  @override
  Widget build(BuildContext context) {
    return ListTile(
      leading: CircleAvatar(
        backgroundImage: NetworkImage(imageUrl!),
      ),
      subtitle: Text(subtitle!),
      title: Text(title!),
    );
  }
}

```

```
        trailing: Text("10:00 PM"),
      );
    }
  }
}
```

## FLUTTER 11 Penggunaan Stateful (Tutorial Flutter Bahasa Indonesia)

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

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

class MyApp extends StatefulWidget {
  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  int counter = 1;

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Center(child: Text("Dynamic Apps")),
        ),
        body: Column(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: [
            Text(
              counter.toString(),
            ),
          ],
        ),
      ),
    );
  }
}
```

```

        style: TextStyle(fontSize: 50),
      ),
      Row(
        mainAxisAlignment: MainAxisAlignment.spaceEvenly,
        children: [
          ElevatedButton(
            onPressed: () {
              if (counter != 1) {
                setState(() {
                  counter--;
                });
              }
              print(counter);
            },
            child: Icon(Icons.remove),
          ),
          ElevatedButton(
            onPressed: () {
              setState(() {
                counter++;
              });
              print(counter);
            },
            child: Icon(Icons.add),
          ),
        ],
      ),
    ],
  ),
),
));
}
}

```

## FLUTTER 12 Mapping List (Tutorial Flutter Bahasa Indonesia)

```

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

```

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

class MyApp extends StatelessWidget {
    final List<Map<String, dynamic>> myList = [
        {
            "Name": "Zahrina Candrakanti",
            "Age": 19,
            "favcolor": [
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber",
                "Black",
                "Red",
                "Amber"
            ]
        },
        {
            "Name": "Zahrina Candrakanti",
            "Age": 24,
            "favcolor": ["Black", "Red", "Amber"]
        },
    ];

    @override
    Widget build(BuildContext context) {
        return MaterialApp(
            debugShowCheckedModeBanner: false,
            home: Scaffold(
                appBar: AppBar(
```

```

        title: Center(
          child: Text("Mapping List"),
        ),
      ),
    body: ListView(
      children: myList.map((data) {
        List myfavoritecolor = data["favcolor"];
        return Card(
          margin: EdgeInsets.all(10),
          color: Colors.black.withOpacity(0.1),
          child: Container(
            margin: EdgeInsets.all(10),
            child: Column(
              crossAxisAlignment: CrossAxisAlignment.start,
              children: [
                Row(
                  children: [
                    CircleAvatar(),
                    SizedBox(
                      width: 20,
                    ),
                    Column(
                      crossAxisAlignment:
CrossAxisAlignment.start,
                      children: [
                        Text("Name : ${data['Name']}"),
                        Text("Age : ${data['Age']}"),
                      ],
                    )
                  ],
                )
              ],
            ),
          SingleChildScrollView(
            scrollDirection: Axis.horizontal,
            child: Row(
              children: myfavoritecolor.map((color) {
                return Container(
                  color: Colors.amber,
                  margin: EdgeInsets.symmetric(
                    vertical: 10,
                    horizontal: 8,
                  ),
                  padding: EdgeInsets.all(10),
                  child: Text(color),
                );
              }).toList(),
            ),
          ),
        );
      }).toList(),
    ),
  ),
);

```

```

        );
        }).toList(),
      ),
    ],
  ),
);
}).toList(),
),
),
);
}
}

```

## FLUTTER 13 Date Format (Tutorial Flutter Bahasa Indonesia)

```

import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Center(
            child: Text("Date format"),
          ),
        ),
        body: Center(

```

```

        child:
Text(DateTimeFormat.EEEE().format(DateTime.now()),//lihat di library
https://pub.dev/documentation/intl/latest/intl/DateFormat-class.html
        style: TextStyle(fontSize: 20)),
    ));
}
}

```

## FLUTTER 14 AppBar Widget (Tutorial Flutter Bahasa Indonesia)

```

import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          leading: Container(
            height: 100,
            width: 100,
            color: Colors.amber,
          ),
          leadingWidth: 100,
          title: Container(
            height: 35,
            //width: 35,
            color: Colors.red,
          ),

```



```

        centerTitle: false,
        //titleSpacing: 0,
        actions: [
            Container(
                width: 35,
                //height: 35,
                color: Colors.purple,
            ),
            Container(
                width: 35,
                //height: 35,
                color: Colors.black,
            ),
            Container(
                width: 35,
                //height: 35,
                color: Colors.purple,
            ),
            Container(
                width: 35,
                //height: 35,
                color: Colors.black,
            ),
        ],
        bottom: PreferredSize(
            preferredSize: Size.fromHeight(200),
            child: Container(
                width: 50,
                height: 50,
                color: Colors.black,
            ),
        ),
        flexibleSpace: Container(
            //width: 50,
            height: 200,
            color: Colors.white,
        ),
    ),
));
}
}

```

# FLUTTER 15 TabBar Widget (Tutorial Flutter Bahasa Indonesia)

```
import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

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

class MyApp extends StatelessWidget {
  List<Tab> myTab = [
    Tab(
      text: "Tab 1",
      icon: Icon(Icons.add_a_photo),
    ),
    Tab(
      icon: Icon(Icons.ac_unit_outlined),
      text: "Tab 2",
    ),
    Tab(
      text: "Tab 3",
      icon: Icon(Icons.access_alarm_outlined),
    ),
  ];
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: DefaultTabController(
        initialIndex: 1,
        length: myTab.length,
        child: Scaffold(
          appBar: AppBar(
            title: Text("My Apps"),
            centerTitle: true,
            bottom: TabBar(
              labelColor: Colors.black,
              unselectedLabelColor: Colors.white,
              //indicatorColor: Colors.black,
```

```

        //indicatorWeight: 5,
        //indicatorPadding: EdgeInsets.all(10),
        indicator: BoxDecoration(
          color: Colors.amber,
          //borderRadius: BorderRadius.circular(50),
          border: Border(
            bottom: BorderSide(
              color: Colors.black,
              width: 5,
            ),
          ),
        ),
        tabs: myTab,
      ),
    ),
    body: TabBarView(
      children: [
        Center(
          child: Text(
            "Tab 1",
            style: TextStyle(fontSize: 40),
          ),
        ),
        Center(
          child: Text(
            "Tab 2",
            style: TextStyle(fontSize: 40),
          ),
        ),
        Center(
          child: Text(
            "Tab 3",
            style: TextStyle(fontSize: 40),
          ),
        ),
      ],
    )),
  ),
);
}
}

```

# FLUTTER 16 Fitur Text Field (Tutorial Flutter Bahasa Indonesia)

```
import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Text("Fitur Textfield"),
          centerTitle: true,
        ),
        body: Center(
          child: Padding(
            padding: const EdgeInsets.all(20),
            child: TextField(
              autocorrect: false,
              autofocus: false,
              enableSuggestions: true,
              enableInteractiveSelection: false, // copy"
              //enabled: false,
              //obscureText: true,
              //obscuringCharacter: '*',
              keyboardType: TextInputType.number,
              //readOnly: true,
            ),
          ),
        ),
      ),
    );
  }
}
```

# FLUTTER 17 Dekorasi Text Field (Tutorial Flutter Bahasa Indonesia)

```
import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Text("Fitur Textfield"),
          centerTitle: true,
        ),
        body: Center(
          child: Padding(
            padding: const EdgeInsets.all(20),
            child: TextField(
              showCursor: true,
              cursorColor: Colors.amber,
              //cursorWidth: 10,
              //cursorHeight: 25,
              //cursorRadius: Radius.circular(20),
              textAlign: TextAlign.start,
              textAlignVertical: TextAlignVertical.center,
              textCapitalization: TextCapitalization.words,
              style: TextStyle(
                color: Colors.red,
```

```

        fontSize: 20,
      ),
      decoration: InputDecoration(
        icon: Icon(
          Icons.person,
          size: 25,
        ),
        border: OutlineInputBorder(),
        /*prefixIcon: Icon(
          Icons.person_add,
          size: 25,
        ),*/
        prefixText: "Name : ",
        hintText: "Please Input Your name...",
        hintStyle: TextStyle(
          color: Colors.red,
        ),
        labelText: "Full",
        labelStyle: TextStyle(
          color: Colors.red,
        )),
    ),
  ),
),
);
}
}

```

## FLUTTER 18 Penggunaan TextField (Tutorial Flutter Bahasa Indonesia)

```

import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';

void main() {

```

```

    runApp(MyApp());
}

class MyApp extends StatefulWidget {
  @override
  State<MyApp> createState() => _MyAppState();
}

class _MyAppState extends State<MyApp> {
  final TextEditingController myController =
    TextEditingController(/*text: "INITIAL"*/);

  String hasil = "Hasil Input";

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: Scaffold(
        appBar: AppBar(
          title: Text("Text Field"),
          centerTitle: true,
        ),
        body: Center(
          child: Padding(
            padding: const EdgeInsets.all(25.0),
            child: Column(
              mainAxisAlignment: MainAxisAlignment.spaceEvenly,
              children: [
                TextField(
                  controller: myController,
                  onChanged: (value) {
                    print("Onchanged");
                  },
                  onSubmitted: (value) {
                    setState(() {
                      hasil = value;
                    });
                  },
                  onEditingComplete: () {
                    print("EDIT SUCCESS");
                    print(myController.text);
                  },

```

```

        ),
        Text(hasil),
      ],
    ),
  ),
),
),
);
}
}

```

## FLUTTER 19 Grid View (Tutorial Flutter Bahasa Indonesia)

```

import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';
import 'dart:math';

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

class MyApp extends StatelessWidget {
  final List<Container> myList = List.generate(
    90,
    (index) {
      return Container(
        //height: 50,
        //width: 150,
        color: Color.fromARGB(
          255,
          Random().nextInt(256),
          Random().nextInt(256),
          Random().nextInt(256),
        ),
      ),
    ),
  );
}

```



```

    );
  },
);
@override
Widget build(BuildContext context) {
  return MaterialApp(
    debugShowCheckedModeBanner: false,
    home: Scaffold(
      appBar: AppBar(
        title: Text("Grid View"),
        centerTitle: true,
      ),
      /*body: GridView(
        padding: EdgeInsets.all(10),
        gridDelegate: SliverGridDelegateWithFixedCrossAxisCount(
          crossAxisCount: 3,
          crossAxisSpacing: 10,
          mainAxisSpacing: 10,
          childAspectRatio: 4 / 3,
        ),
        children: myList,
      ),*/
      body: GridView.count(
        padding: EdgeInsets.all(10),
        childAspectRatio: 4 / 3,
        crossAxisCount: 3,
        crossAxisSpacing: 10,
        mainAxisSpacing: 10,
        children: myList,
      ),
    ),
  );
}
}

```

# FLUTTER 20 Dialog (Tutorial Flutter Bahasa Indonesia)

main.dart

```
import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';
import 'dart:math';
import './home.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: MyHomePage(),
    );
  }
}
```

home.dart

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

class MyHomePage extends StatefulWidget {
  @override
  State<MyHomePage> createState() => _MyHomePageState();
}

class _MyHomePageState extends State<MyHomePage> {
  String data = "Belum Ada Input";

  @override
  Widget build(BuildContext context) {
    return Scaffold(
```

```

appBar: AppBar(
  title: Text("Dialog"),
  centerTitle: true,
),
body: Center(
  child: Text(
    data,
    style: TextStyle(
      fontSize: 35,
    ),
  ),
),
floatingActionButton: FloatingActionButton(
  onPressed: () {
    print("Telah Diklik");
    showDialog(
      context: context,
      builder: (context) {
        return AlertDialog(
          title: Text("CONFIRM"),
          content: Text("Are you sure want to delete this item
?),

          actions: [
            TextButton(
              onPressed: () {
                print("Klik No");
                setState(() {
                  data = "FALSE";
                });
                Navigator.of(context).pop();
              },
              child: Text("No"),
            ),
            TextButton(
              onPressed: () {
                print("Klik Yes");
                setState(() {
                  data = "TRUE";
                });
                Navigator.of(context).pop();
              },
              child: Text("Yes"),
            ),

```

```

        ],
      );
    },
  );
},
child: Icon(Icons.delete),
),
floatingActionButtonLocation:
FloatingActionButtonLocation.centerFloat,
);
}
}

```

## FLUTTER 21 Dismissible (Tutorial Flutter Bahasa Indonesia)

```

import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';
import 'dart:math';
import 'package:faker/faker.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: MyHomePage(),
    );
  }
}

```



```

        },
        child: Text("Yes"),
      ),
    ],
  );
},
);
},
key: Key(index.toString()),
//direction: DismissDirection.endToStart,
background: Container(
  color: Colors.red,
  child: Icon(
    Icons.delete,
    size: 25,
  ),
  alignment: Alignment.centerRight,
  padding: EdgeInsets.all(8),
),
child: ListTile(
  leading: CircleAvatar(
    child: Center(
      child: Text("${index + 1}"),
    ),
  ),
  title: Text(faker.person.name()),
  subtitle: Text(faker.lorem.sentence()),
),
);
},
));
}
}

```

# FLUTTER 22 Navigation (Tutorial Flutter Bahasa Indonesia)

main.dart

```
import 'package:faker/faker.dart';
import 'package:flutter/material.dart';
import 'package:intl/intl.dart';
import 'package:intl/intl_browser.dart';
import 'dart:math';
import 'package:faker/faker.dart';
import './page_satu.dart';

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

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      debugShowCheckedModeBanner: false,
      home: PageSatu(),
    );
  }
}
```

Page satu

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

class PageSatu extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Page Satu"),
        centerTitle: true,
      ),
      body: Center(
        child: Text(
```

```

        "INI PAGE 1",
        style: TextStyle(
          fontSize: 50,
        ),
      ),
    ),
    floatingActionButton: FloatingActionButton(
      onPressed: () {
        Navigator.of(context).push(
          MaterialPageRoute(
            builder: (context) {
              return PageDua();
            },
          ),
        );
      },
      child: Icon(Icons.keyboard_arrow_right),
    ),
    floatingActionButtonLocation:
FloatingActionButtonLocation.centerFloat,
  );
}
}

```

page dua

```

import 'package:flutter/material.dart';
import 'package:untitled/page_satu.dart';

class PageDua extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text("Page Dua"),
        centerTitle: true,
        leading: Container(),
      ),
      body: Center(
        child: Text(
          "INI PAGE 2",
          style: TextStyle(

```



```
        fontSize: 50,  
      ),  
    ),  
  ),  
  floatingActionButton: FloatingActionButton(  
    onPressed: () {  
      Navigator.of(context).pop();  
    },  
    child: Icon(Icons.keyboard_arrow_left),  
  ),  
  floatingActionButtonLocation:  
FloatingActionButtonLocation.centerFloat,  
);  
}  
}
```

## FLUTTER 23 Routes (Tutorial Flutter Bahasa Indonesia)