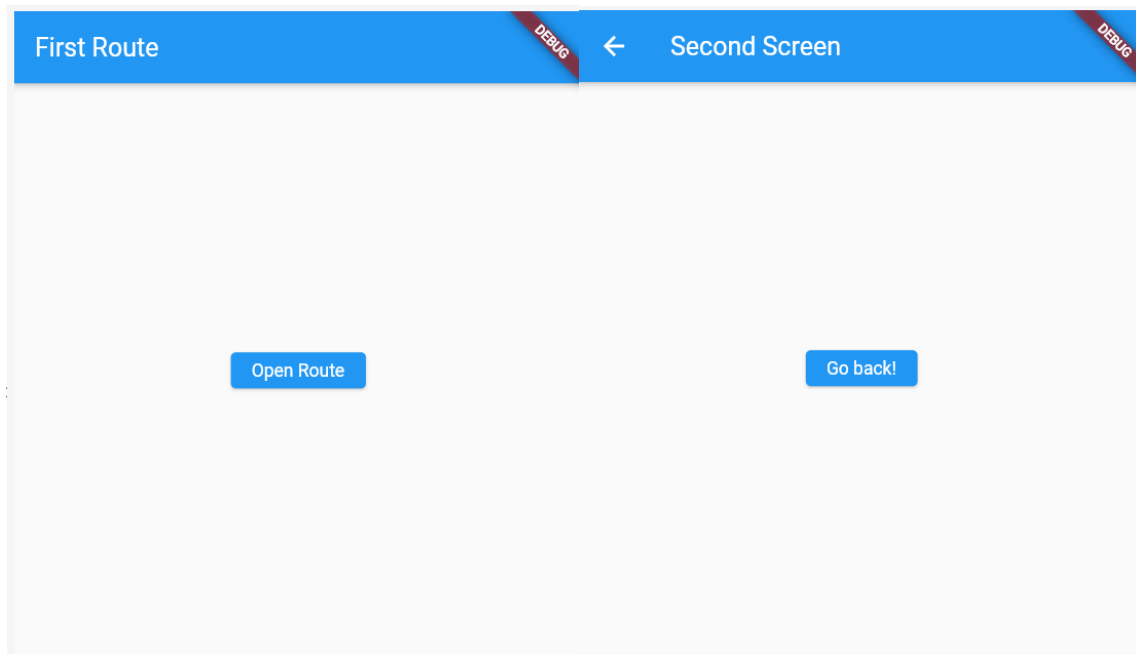


Soal 1



Code:

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

void main() {
  runApp(const MaterialApp(
    title: 'Soal 1',
    home: SoalSatu(),
  ));
}

class SoalSatu extends StatelessWidget {
  const SoalSatu({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('First Route'),
      ),
      body: Center(
        child: ElevatedButton(
          child: const Text('Open route'),
          onPressed: () {
```

```

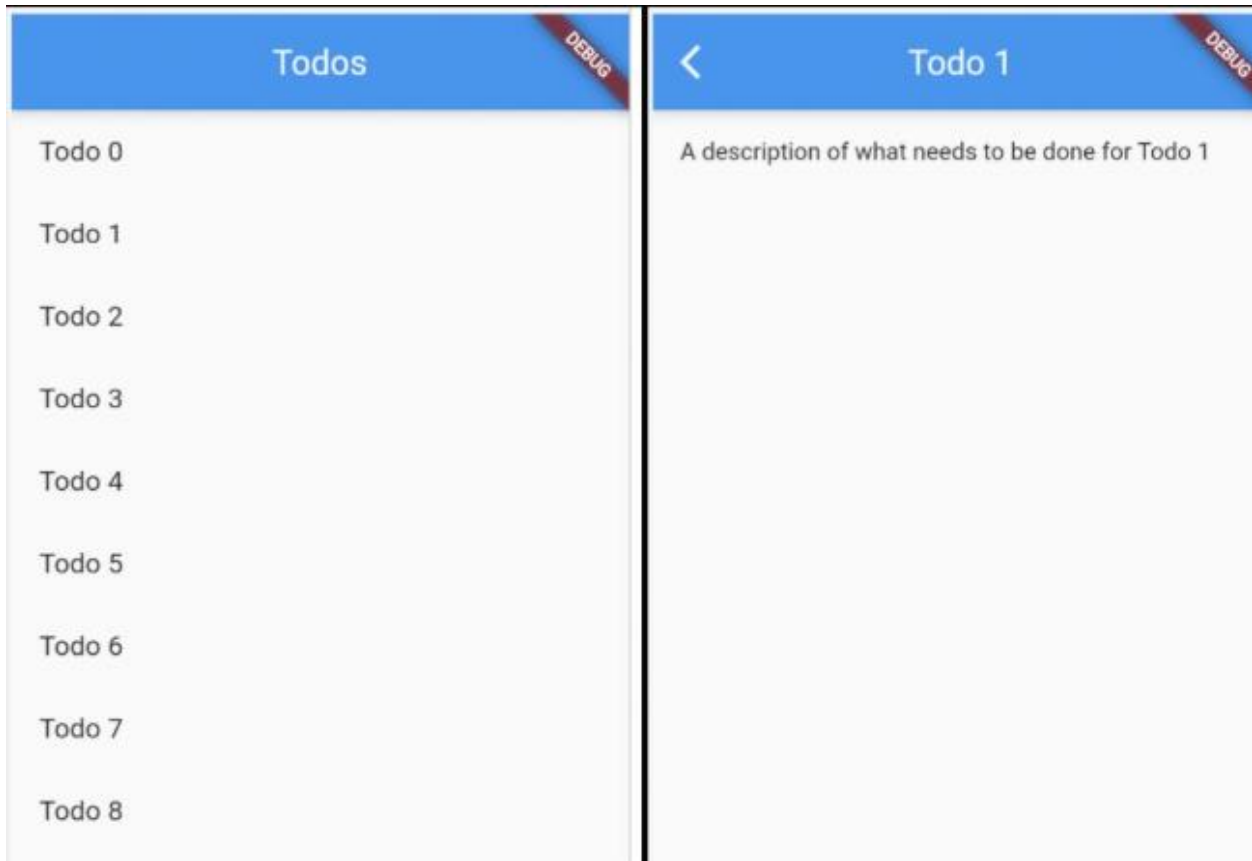
        Navigator.push(
            context,
            MaterialPageRoute(builder: (context) => const SecondRoute()),
        );
    },
),
);
}
}

class SecondRoute extends StatelessWidget {
    const SecondRoute({Key? key}) : super(key: key);

    @override
    Widget build(BuildContext context) {
        return Scaffold(
            appBar: AppBar(
                title: const Text('Second Route'),
            ),
            body: Center(
                child: ElevatedButton(
                    onPressed: () {
                        Navigator.pop(context);
                    },
                    child: const Text('Go back!'),
                ),
            ),
        );
    }
}

```

Soal 2:



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

class Todo {
  final String title;
  final String description;

  const Todo(this.title, this.description);
}

void main() {
  runApp(
    MaterialApp(title: 'Passing Data', home: SoalDua()),
  );
}

class SoalDua extends StatelessWidget {
  const SoalDua({Key? key}) : super(key: key);

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

```

        todos: List.generate(
          20,
          (i) => Todo(
            'Todo $i',
            'A description of what needs to be done for Todo $i',
          ),
        ));
    }
}

class PageDua extends StatelessWidget {
  const PageDua({required this.todos});

  final List<Todo> todos;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: const Text('Todos'),
      ),
      body: ListView.builder(
        itemCount: todos.length,
        itemBuilder: (context, index) {
          return ListTile(
            title: Text(todos[index].title),
            onTap: () {
              Navigator.push(
                context,
                MaterialPageRoute(
                  builder: (context) => const DetailRoute(),
                  // Pass the arguments as part of the RouteSettings. The
                  // DetailScreen reads the arguments from these settings.
                  settings: RouteSettings(
                    arguments: todos[index],
                  ),
                ),
              );
            },
          );
        },
      ),
    );
  }
}

```

```

class DetailRoute extends StatelessWidget {
  const DetailRoute({Key? key}) : super(key: key);

  @override
  Widget build(BuildContext context) {
    final todo = ModalRoute.of(context)!.settings.arguments as Todo;

    return Scaffold(
      appBar: AppBar(
        title: Text(todo.title),
      ),
      body: Padding(
        padding: const EdgeInsets.all(16.0),
        child: Text(todo.description),
      ),
    );
  }
}

```

Main:

```

import 'package:flutter/material.dart';
import 'package:Modul13/soal_dua.dart';
import 'package:Modul13/soal_satu.dart';

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

class MyApp extends StatelessWidget {
  const MyApp({Key? key}) : super(key: key);

  // This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Zaky Mahfudz Pasha',
      theme: ThemeData(
        primarySwatch: Color.fromARGB(255, 54, 165, 255),
      ),
      home: const MyHomePage(title: 'JURNAL ABP - MOD 13'),
    );
  }
}

```

```

        initialRoute: '/',
        routes: {
          '/soal_satu': (context) => const SoalSatu(),
          '/soal_dua': (context) => const SoalDua()
        },
      );
    }
  }

class MyHomePage extends StatefulWidget {
  const MyHomePage({Key? key, required this.title}) : super(key: key);
  final String title;

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

class _MyHomePageState extends State<MyHomePage> {
  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(widget.title),
        centerTitle: true,
      ),
      body: Center(
        child: Column(
          mainAxisAlignment: MainAxisAlignment.center,
          children: [
            ElevatedButton(
              child: const Text('Soal 1'),
              onPressed: () {
                Navigator.pushNamed(context, '/soal_satu');
              },
            ),
            ElevatedButton(
              child: const Text('Soal 2'),
              onPressed: () {
                Navigator.pushNamed(context, '/soal_dua');
              },
            ),
          ],
        ),
      ),
    );
  }
}

```

