

Assignment – 7

2020BTEIT00041

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Fragments in Android

```

import 'package:flutter/material.dart';

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

class MyApp extends StatelessWidget {
  MyApp({super.key});
  List<Widget> containers = [
    Container(
      color: Colors.lightBlueAccent,
      child: Center(child: Text("First Fragment")),
    ),
    Container(
      color: Colors.lightGreenAccent,
      child: Center(child: Text("Second Fragment")),
    ),
    Container(
      color: Colors.yellowAccent,
      child: Center(child: Text("Third Fragment")),
    ),
  ];
  // This widget is the root of your application.
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter Demo',
      debugShowCheckedModeBanner: false,
      theme: ThemeData.dark(
        // This is the theme of your application.
        //
        // Try running your application with "flutter run". You'll see the
        // application has a blue toolbar. Then, without quitting the app,
try
        // changing the primarySwatch below to Colors.green and then invoke
run",
        // "hot reload" (press "r" in the console where you ran "flutter
        // or simply save your changes to "hot reload" in a Flutter IDE).
        // Notice that the counter didn't reset back to zero; the
application
        // is not restarted.
        // primarySwatch: Colors.blue,
      ),
      home: DefaultTabController(
        length: 3,
        child: Scaffold(
          appBar: AppBar(
            title: Text("Fragments"),
            bottom: TabBar(
              tabs: [
                Tab(
                  text: "First",
                ),
                Tab(
                  text: "Second"
                ),
                Tab(
                  text: "Third"
                )
              ],
            ),
          ),
        ),
      ),
    );
  }
}

```

```
    ),  
    ),  
    body: TabBarView(  
      children: containers,  
    ),  
  ),  
),  
);  
}  
}
```

APP:

Fragments

First

Second

Third

First Fragment

Fragments

First

Second

Third

Second Fragment

Fragments

First

Second

Third

Third Fragment