TUGAS 5

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Source code :

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

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

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

  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      home: const MyHomePage(),
    );
  }
}

class MyHomePage extends StatefulWidget {
  const MyHomePage({Key? key}) : super(key: key);

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

class _MyHomePageState extends State<MyHomePage> {
  int _selectedIndex = 0;

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(
        title: Text(_selectedIndex == 0 ? 'Home page' : 'Email page'),
        backgroundColor: Colors.grey[300],
        toolbarHeight: 40,
        elevation: 0,
      ),
      body: Center(
        child: Text(
          _selectedIndex == 0 ? 'Home page content' : 'Email page content',
          style: TextStyle(fontSize: 20),
        ),
      ),
      bottomNavigationBar: BottomNavigationBar(
        backgroundColor: Colors.orange,
        items: const <BottomNavigationBarItem>[
          BottomNavigationBarItem(
            icon: Icon(Icons.home),
            label: 'Home',
          ),
          BottomNavigationBarItem(
            icon: Icon(Icons.email),
            label: 'Email',
          ),
          BottomNavigationBarItem(
            icon: Icon(Icons.person),
            label: 'Profile',
          ),
        ],
        currentIndex: _selectedIndex,
        onTap: (index) {
          setState(() {
            _selectedIndex = index;
          });
        },
      ),
    );
  }
}
```

Output :