

TUGAS PENDAHULUAN
PRAKTIKUM PEMROGRAMAN PERANGKAT BERGERAK
MODUL VI INTERAKSI PENGGUNA



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PROGRAM STUDI S1 SOFTWARE ENGINEERING

FAKULTAS INFORMATIKA

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TUGAS PENDAHULUAN

1. A. Pada tugas pendahuluan ini, buat project Flutter baru
- B. Implementasi Bottom Navigation Bar:
 - Tambahkan BottomNavigationBar pada halaman aplikasi.
 - BottomNavigationBar memiliki 3 item menu dengan label: "Home", "Wisata", dan "Profil".
 - Setiap kali memilih salah satu menu di BottomNavigationBar, halaman yang ditampilkan berubah sesuai menu yang dipilih.
 - Home: Menampilkan teks "Ini adalah halaman Home".
 - Wisata: Menampilkan teks "Ini adalah halaman Wisata".
 - Profile: Menampilkan teks "Ini adalah halaman Profil".

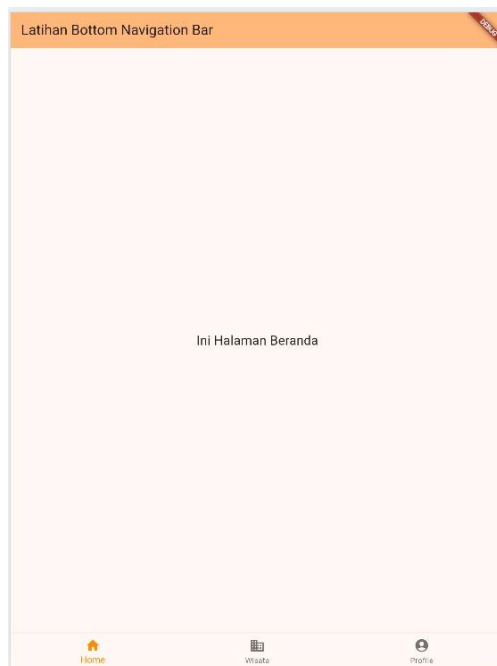
Jawab:

Source code

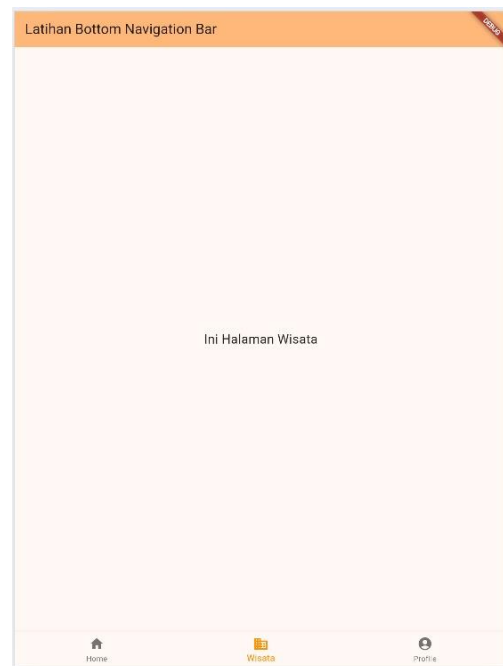
```
1  import 'package:flutter/material.dart';
2
3  void main() {
4    runApp(const MyApp());
5  }
6
7  class MyApp extends StatelessWidget {
8    const MyApp({super.key});
9
10   @override
11   Widget build(BuildContext context) {
12     return MaterialApp(
13       title: 'Praktikum 6',
14       theme: ThemeData(
15         colorScheme: ColorScheme.fromSeed(seedColor: const Color.fromARGB(255, 255, 143, 0)),
16         useMaterial3: true,
17       ),
18       home: const MyHomePage(title: 'Latihan Bottom Navigation Bar'),
19     );
20   }
21 }
22
23 class MyHomePage extends StatefulWidget {
24   const MyHomePage({super.key, required this.title});
25
26   final String title;
27
28   @override
29   State<MyHomePage> createState() => _MyHomePageState();
30 }
31
32 class _MyHomePageState extends State<MyHomePage> {
33
34   int _selectedIndex = 0;
35   static const TextStyle optionStyle =
36     TextStyle(fontSize: 20);
37   static const List<Widget> _widgetOptions = <Widget>[
38     Text(
39       'Ini Halaman Beranda',
40       style: optionStyle,
41     ),
42     Text(
43       'Ini Halaman Wisata',
44       style: optionStyle,
45     ),
46     Text(
47       'Ini Halaman Profile',
48       style: optionStyle,
49     ),
50   ];
51
52   void _onItemTapped(int index) {
53     setState(() {
54       _selectedIndex = index;
55     });
56   }
57
58   @override
59   Widget build(BuildContext context) {
60     return Scaffold(
61       appBar: AppBar(
62         backgroundColor: Theme.of(context).colorScheme.inversePrimary,
63         title: Text(widget.title),
64       ),
65       body: Center(
66         child: _widgetOptions.elementAt(_selectedIndex)
67       ),
68       bottomNavigationBar: BottomNavigationBar(
69         items: const <BottomNavigationBarItem>[
70           BottomNavigationBarItem(
71             icon: Icon(Icons.home),
72             label: "Home",
73           ),
74           BottomNavigationBarItem(
75             icon: Icon(Icons.business),
76             label: "Wisata",
77           ),
78           BottomNavigationBarItem(
79             icon: Icon(Icons.account_circle),
80             label: "Profile",
81           ),
82         ],
83         currentIndex: _selectedIndex,
84         selectedItemColor: const Color.fromARGB(255, 255, 143, 0),
85         onTap: _onItemTapped,
86       ),
87     );
88   }
89 }
```

Outputnya

- Tampilan Beranda



- Tampilan Halaman Wisata



- Tampilan Halaman Profile

