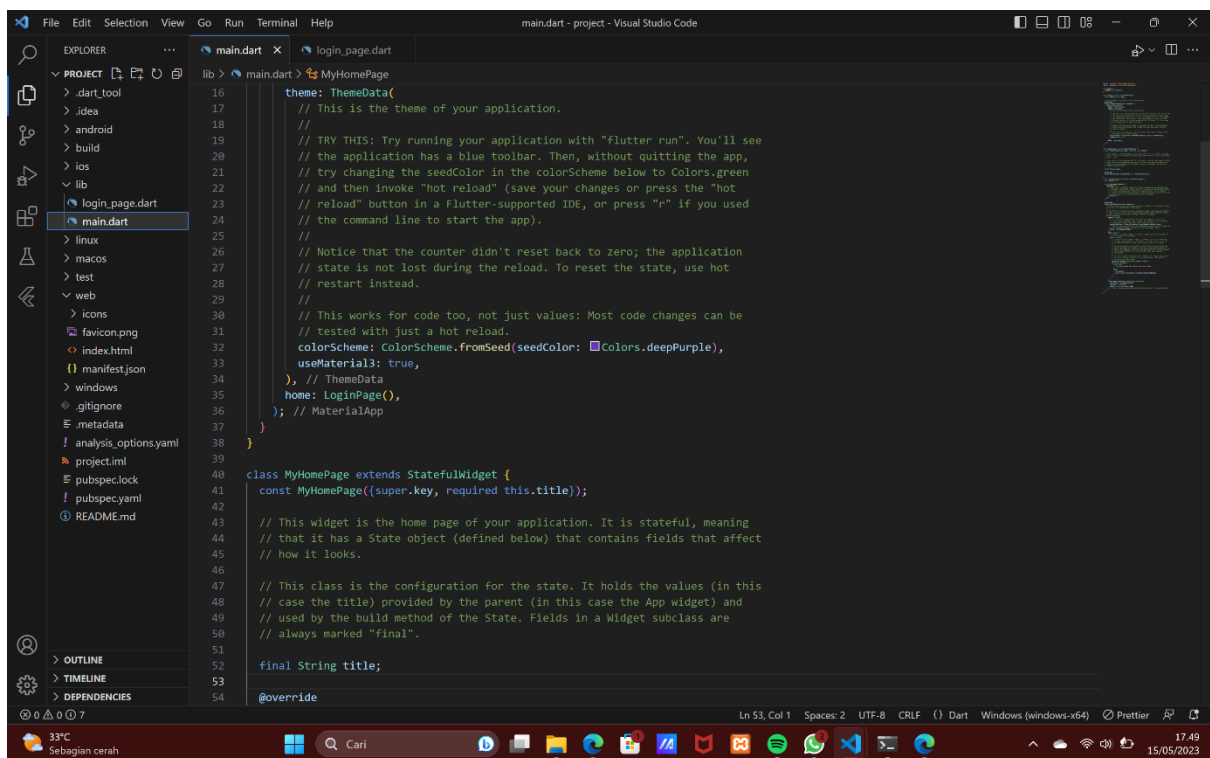


Nama : Anindia Sasikirana

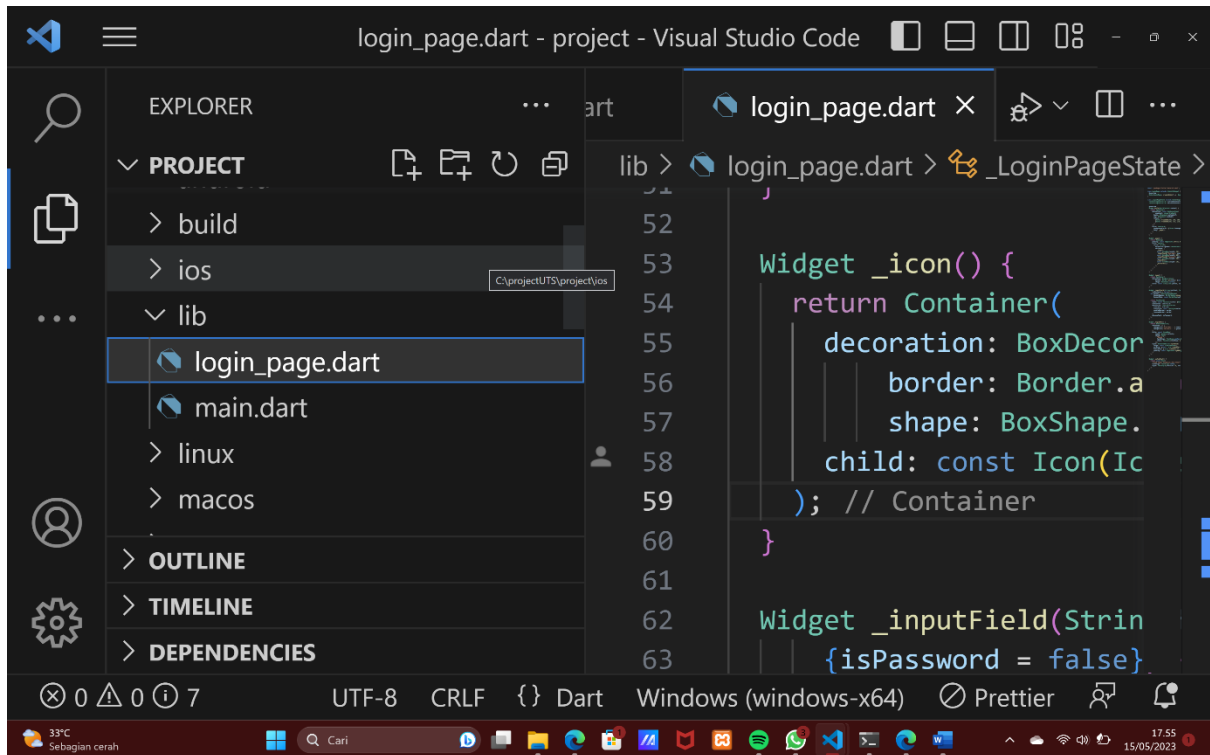
Nim : 312110268

Kelas TI.21.A2

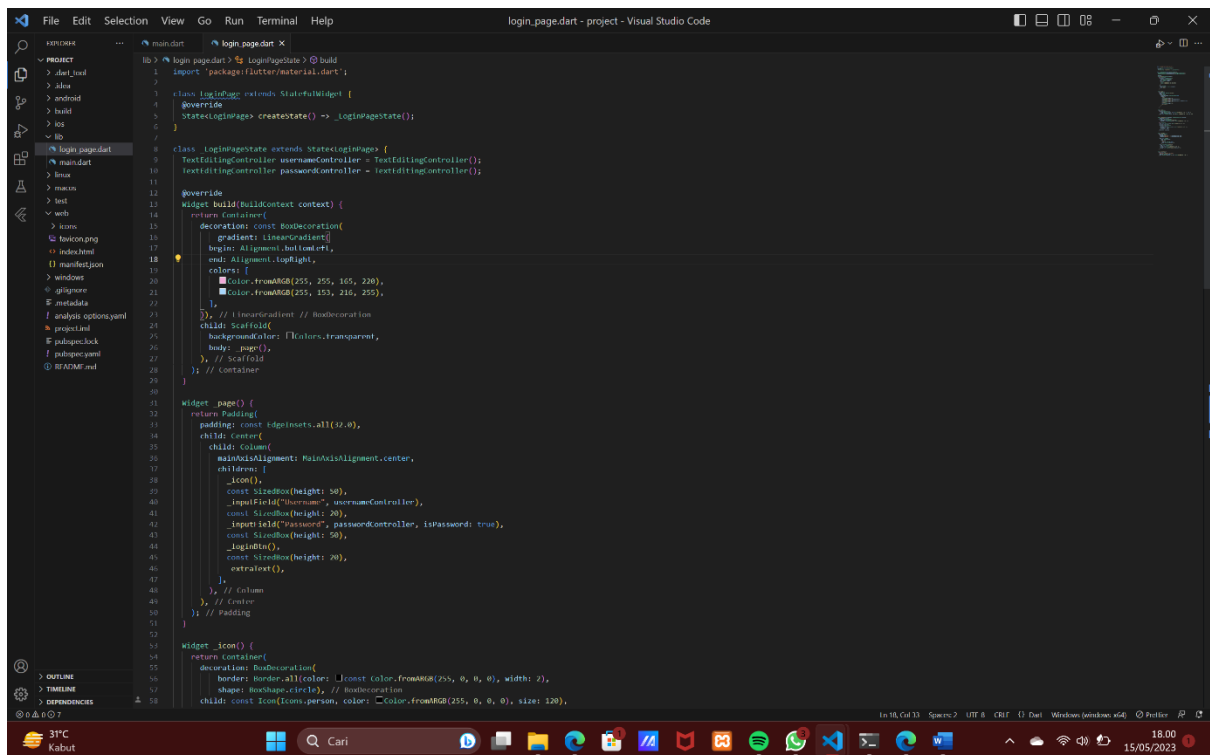
## UTS PEMOGRAMAN MOBILE 2

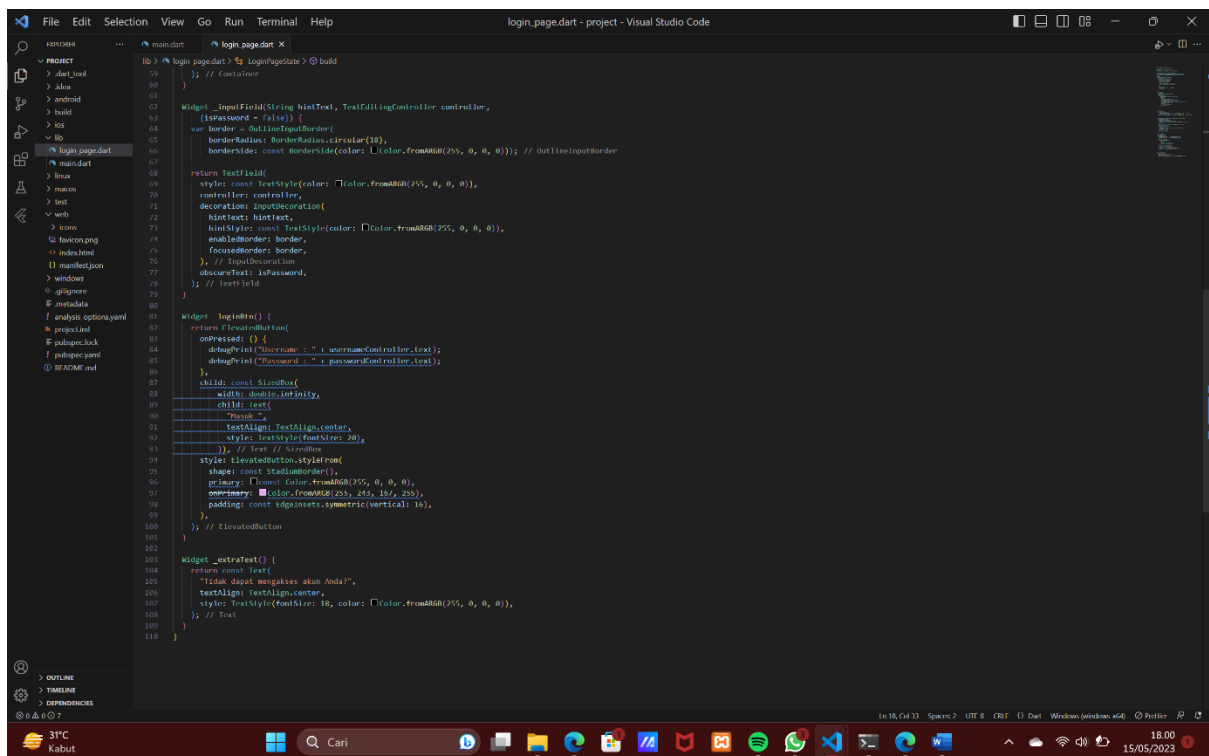


1. Kita harus mengganti **home: const MyHomePage(title: 'Flutter Demo Home Page')**, menjadi **home: LoginPage()**,



2. Lalu kita membuat Directory baru, yang dinamakan **login\_page.dart**





3. Kalau sudah ketik codingan seperti ini

```

4. import 'package:flutter/material.dart';
5.
6. class LoginPage extends StatefulWidget {
7.   @override
8.   State<LoginPage> createState() => _LoginPageState();
9. }
10.
11. class _LoginPageState extends State<LoginPage> {
12.   TextEditingController usernameController = TextEditingController();
13.   TextEditingController passwordController = TextEditingController();
14.
15.   @override
16.   Widget build(BuildContext context) {
17.     return Container(
18.       decoration: const BoxDecoration(
19.         gradient: LinearGradient(
20.           begin: Alignment.bottomLeft,
21.           end: Alignment.topRight,
22.           colors: [
23.             Color.fromARGB(255, 255, 165, 220),
24.             Color.fromARGB(255, 153, 216, 255),
25.           ],
26.         ),
27.       child: Scaffold(
28.         backgroundColor: Colors.transparent,
29.         body: _page(),

```

```

30.     ),
31.   );
32. }
33.
34. Widget _page() {
35.   return Padding(
36.     padding: const EdgeInsets.all(32.0),
37.     child: Center(
38.       child: Column(
39.         mainAxisAlignment: MainAxisAlignment.center,
40.         children: [
41.           _icon(),
42.           const SizedBox(height: 50),
43.           _inputField("Username", usernameController),
44.           const SizedBox(height: 20),
45.           _inputField("Password", passwordController, isPassword:
true),
46.           const SizedBox(height: 50),
47.           _loginBtn(),
48.           const SizedBox(height: 20),
49.           _extraText(),
50.         ],
51.       ),
52.     ),
53.   );
54. }
55.
56. Widget _icon() {
57.   return Container(
58.     decoration: BoxDecoration(
59.       border: Border.all(color: const Color.fromARGB(255, 0, 0, 0),
width: 2),
60.       shape: BoxShape.circle),
61.     child: const Icon(Icons.person, color: Color.fromARGB(255, 0, 0,
0), size: 120),
62.   );
63. }
64.
65. Widget _inputField(String hintText, TextEditingController controller,
66.   {isPassword = false}) {
67.   var border = OutlineInputBorder(
68.     borderRadius: BorderRadius.circular(18),
69.     borderSide: const BorderSide(color: Color.fromARGB(255, 0, 0,
0))),
70.
71.   return TextField(
72.     style: const TextStyle(color: Color.fromARGB(255, 0, 0, 0)),
73.     controller: controller,

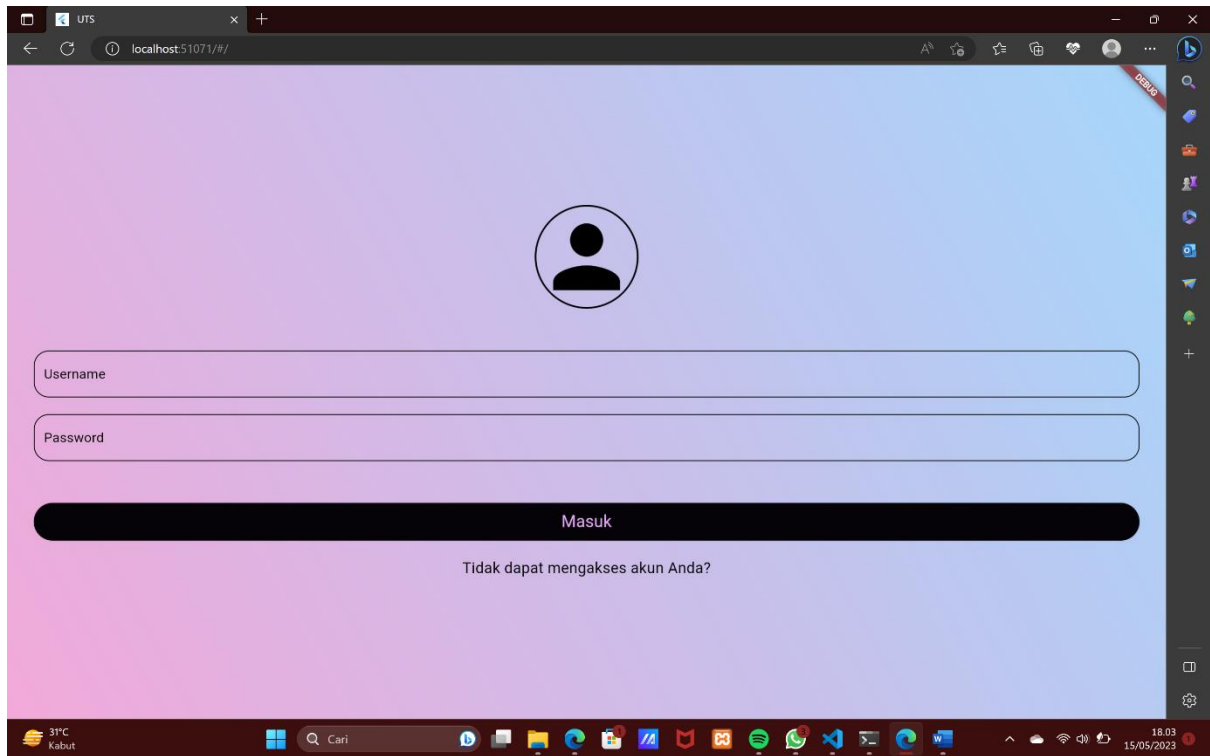
```

```

74.     decoration: InputDecoration(
75.         hintText: hintText,
76.         hintStyle: const TextStyle(color: Color.fromARGB(255, 0, 0,
    0))),
77.         enabledBorder: border,
78.         focusedBorder: border,
79.     ),
80.     obscureText: isPassword,
81. );
82. }
83.
84. Widget _loginBtn() {
85.     return ElevatedButton(
86.         onPressed: () {
87.             debugPrint("Username : " + usernameController.text);
88.             debugPrint("Password : " + passwordController.text);
89.         },
90.         child: const SizedBox(
91.             width: double.infinity,
92.             child: Text(
93.                 "Masuk ",
94.                 textAlign: TextAlign.center,
95.                 style: TextStyle(fontSize: 20),
96.             )),
97.         style: ElevatedButton.styleFrom(
98.             shape: const StadiumBorder(),
99.             primary: const Color.fromARGB(255, 0, 0, 0),
100.             onPressed: Color.fromARGB(255, 243, 167, 255),
101.             padding: const EdgeInsets.symmetric(vertical: 16),
102.         ),
103.     );
104. }
105.
106. Widget _extraText() {
107.     return const Text(
108.         "Tidak dapat mengakses akun Anda?",
109.         textAlign: TextAlign.center,
110.         style: TextStyle(fontSize: 18, color: Color.fromARGB(255,
    0, 0, 0))),
111.     );
112. }
113. }

```

# HASILNYA AKAN MENJADI SEPERTI INI



## PENJELASAN !!

```
Widget build(BuildContext context) {  
  return Container(  
    decoration: const BoxDecoration(  
      gradient: LinearGradient(  
        begin: Alignment.bottomLeft,  
        end: Alignment.topRight,  
        colors: [  
          Color.fromARGB(255, 255, 165, 220),  
          Color.fromARGB(255, 153, 216, 255),  
        ],  
      )),  
    child: Scaffold(  
      backgroundColor: Colors.transparent,  
      body: _page(),  
    ),  
  );  
}
```

1. Untuk mengganti warna background pada halaman Login

```

Widget _page() {
  return Padding(
    padding: const EdgeInsets.all(32.0),
    child: Center(
      child: Column(
        mainAxisAlignment: MainAxisAlignment.center,
        children: [
          _icon(),
          const SizedBox(height: 50),
          _inputField("Username", usernameController),
          const SizedBox(height: 20),
          _inputField("Password", passwordController, isPassword: true),
          const SizedBox(height: 50),
          _loginBtn(),
          const SizedBox(height: 20),
          _extraText(),
        ],
      ),
    ),
  );
}

```

## 2. Untuk mengedit halaman widget pada Login

```

Widget _icon() {
  return Container(
    decoration: BoxDecoration(
      border: Border.all(color: const Color.fromARGB(255, 0, 0, 0), width:
2),
      shape: BoxShape.circle),
    child: const Icon(Icons.person, color: Color.fromARGB(255, 0, 0, 0),
size: 120),
  );
}

```

## 3. Untuk mengedit icon untuk halaman Login



```
Widget _inputField(String hintText, TextEditingController controller,
  {isPassword = false}) {
  var border = OutlineInputBorder(
    borderRadius: BorderRadius.circular(18),
    borderSide: const BorderSide(color: Color.fromARGB(255, 0, 0, 0)));

  return TextField(
    style: const TextStyle(color: Color.fromARGB(255, 0, 0, 0)),
    controller: controller,
    decoration: InputDecoration(
      hintText: hintText,
      hintStyle: const TextStyle(color: Color.fromARGB(255, 0, 0, 0)),
      enabledBorder: border,
      focusedBorder: border,
    ),
    obscureText: isPassword,
  );
}
```

4. Untuk mengubah warna teks pada halaman Login

```

Widget _loginBtn() {
  return ElevatedButton(
    onPressed: () {
      debugPrint("Username : " + usernameController.text);
      debugPrint("Password : " + passwordController.text);
    },
    child: const SizedBox(
      width: double.infinity,
      child: Text(
        "Masuk ",
        textAlign: TextAlign.center,
        style: TextStyle(fontSize: 20),
      )),
    style: ElevatedButton.styleFrom(
      shape: const StadiumBorder(),
      primary: const Color.fromARGB(255, 0, 0, 0),
      onPrimary: Color.fromARGB(255, 243, 167, 255),
      padding: const EdgeInsets.symmetric(vertical: 16),
    ),
  );
}

```

5. Untuk mengubah teks dan warna pada widget login