

Main code

```
1 import 'package:flutter/material.dart';
2 import 'pajak.dart'; // Import file pajak.dart
3 import 'profil.dart'; // Import file profil.dart
4
5 void main() {
6   runApp(const MyApp());
7 }
8
9 class MyApp extends StatelessWidget {
10   const MyApp({super.key});
11
12   @override
13   Widget build(BuildContext context) {
14     return MaterialApp(
15       title: 'Projek UTS',
16       theme: ThemeData(
17         primarySwatch: Colors.blue,
18       ),
19       debugShowCheckedModeBanner: false,
20       home: HalamanUtama(),
21     );
22   }
23 }
24
25 class HalamanUtama extends StatelessWidget {
26   final int noAbsen = 13;
27
28   @override
29   Widget build(BuildContext context) {
30     return Scaffold(
31       appBar: AppBar(
32         title: Text('Projek UTS'),
33         backgroundColor: Colors.deepPurple,
34       ),
35       body: Container(
36         // Background gradient
37         decoration: BoxDecoration(
38           gradient: LinearGradient(
39             colors: [Colors.deepPurple, Colors.indigo],
40             begin: Alignment.topLeft,
41             end: Alignment.bottomRight,
42           ),
43         ),
44         child: Center(
45           child: Column(
46             mainAxisAlignment: MainAxisAlignment.center,
47             children: [
48               Text(
49                 'No Absen: $noAbsen',
50                 style: TextStyle(
51                   fontSize: 28,
52                   fontWeight: FontWeight.bold,
53                   color: Colors.white,
54                 ),
55               ),
56               SizedBox(height: 30),
57               CustomButton(
58                 text: 'Pajak',
59                 onPressed: () {
60                   Navigator.push(
61                     context,
62                     MaterialPageRoute(builder: (context) => PajakPage()),
63                   );
64                 },
65               ),
66               SizedBox(height: 15),
67               CustomButton(
68                 text: 'Profil',
69                 onPressed: () {
70                   Navigator.push(
71                     context,
72                     MaterialPageRoute(builder: (context) => ProfilPage()),
73                   );
74                 },
75               ),
76             ],
77           ),
78         ),
79       ),
80     );
81   }
82 }
83
84 // Custom button widget for reusable button style
85 class CustomButton extends StatelessWidget {
86   final String text;
87   final VoidCallback onPressed;
88
89   CustomButton({required this.text, required this.onPressed});
90
91   @override
92   Widget build(BuildContext context) {
93     return ElevatedButton(
94       onPressed: onPressed,
95       style: ElevatedButton.styleFrom(
96         padding: EdgeInsets.symmetric(horizontal: 40, vertical: 15),
97         backgroundColor: Colors.white,
98         shape: RoundedRectangleBorder(
99           borderRadius: BorderRadius.circular(30),
100       ),
101       elevation: 5,
102     ),
103     child: Text(
104       text,
105       style: TextStyle(
106         color: Colors.deepPurple,
107         fontSize: 18,
108         fontWeight: FontWeight.bold,
109       ),
110     ),
111   );
112 }
113
114 }
```

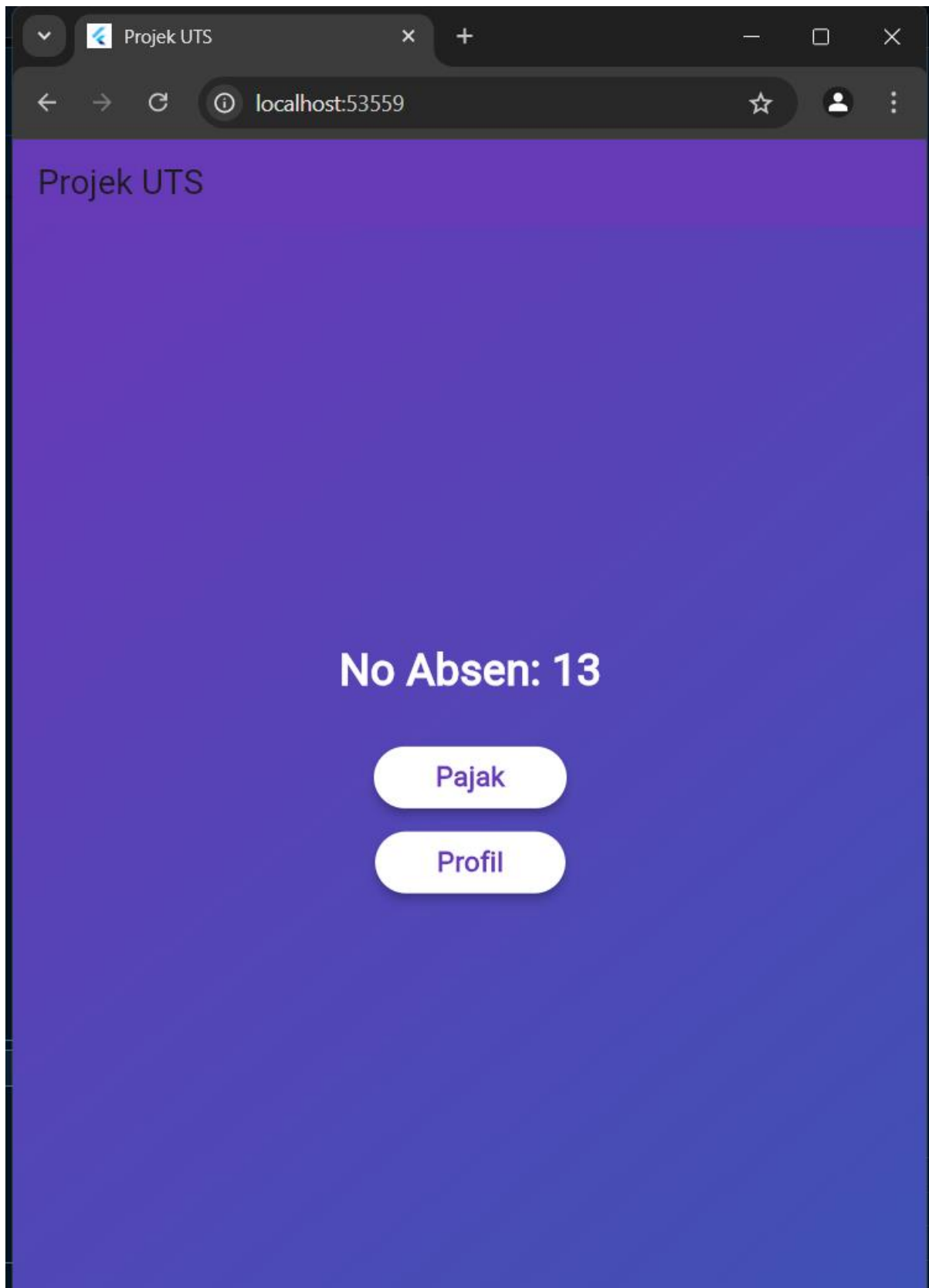
Pajak Code

```
1 import 'package:flutter/material.dart';
2
3 class PajakPage extends StatefulWidget {
4   @override
5   _PajakPageState createState() => _PajakPageState();
6 }
7
8 class _PajakPageState extends State<PajakPage> {
9   final TextEditingController _hargaController = TextEditingController();
10   final TextEditingController _pajakController = TextEditingController();
11   final TextEditingController _hasilPajakController = TextEditingController();
12   final TextEditingController _hargaSetelahPajakController =
13     TextEditingController();
14
15   void _hitungPajak() {
16     double harga = double.tryParse(_hargaController.text) ?? 0;
17     double pajak = double.tryParse(_pajakController.text) ?? 0;
18     double hasilPajak = harga * pajak / 100;
19     double hargaSetelahPajak = harga - hasilPajak;
20
21     setState(() {
22       _hasilPajakController.text = hasilPajak.toStringAsFixed(0);
23       _hargaSetelahPajakController.text = hargaSetelahPajak.toStringAsFixed(0);
24     });
25   }
26
27   @override
28   Widget build(BuildContext context) {
29     return Scaffold(
30       appBar: AppBar(
31         title: Text('Kalkulator Pajak'),
32         backgroundColor: Colors.deepPurple,
33       ),
34       body: Container(
35         decoration: BoxDecoration(
36           gradient: LinearGradient(
37             colors: [Colors.deepPurple, Colors.indigo],
38             begin: Alignment.topLeft,
39             end: Alignment.bottomRight,
40           ),
41         ),
42         padding: const EdgeInsets.all(16.0),
43         child: Column(
44           crossAxisAlignment: CrossAxisAlignment.start,
45           children: [
46             Text(
47               'Masukkan Detail',
48               style: TextStyle(
49                 fontSize: 24,
50                 fontWeight: FontWeight.bold,
51                 color: Colors.white,
52               ),
53             ),
54             SizedBox(height: 20),
55             TextField(
56               controller: _hargaController,
57               decoration: InputDecoration(
58                 labelText: 'Harga Barang',
59                 labelStyle: TextStyle(color: Colors.white),
60                 border: OutlineInputBorder(
61                   borderSide: BorderSide(color: Colors.white),
62                 ),
63                 enabledBorder: OutlineInputBorder(
64                   borderSide: BorderSide(color: Colors.white),
65                 ),
66                 focusedBorder: OutlineInputBorder(
67                   borderSide: BorderSide(color: Colors.amber),
68                 ),
69               ),
70               keyboardType: TextInputType.number,
71               style: TextStyle(color: Colors.white),
72             ),
73             SizedBox(height: 10),
74             TextField(
75               controller: _pajakController,
76               decoration: InputDecoration(
77                 labelText: 'Tingkat Pajak (%)',
78                 labelStyle: TextStyle(color: Colors.white),
79                 border: OutlineInputBorder(
80                   borderSide: BorderSide(color: Colors.white),
81                 ),
82                 enabledBorder: OutlineInputBorder(
83                   borderSide: BorderSide(color: Colors.white),
84                 ),
85                 focusedBorder: OutlineInputBorder(
86                   borderSide: BorderSide(color: Colors.amber),
87                 ),
88               ),
89               keyboardType: TextInputType.number,
90               style: TextStyle(color: Colors.white),
91             ),
92             SizedBox(height: 20),
93             Center(
94               child: ElevatedButton(
95                 onPressed: _hitungPajak,
96                 style: ElevatedButton.styleFrom(
97                   padding: EdgeInsets.symmetric(horizontal: 40, vertical: 15),
98                   backgroundColor: Colors.amber,
99                   shape: RoundedRectangleBorder(
100                     borderRadius: BorderRadius.circular(10),
101                   ),
102                 ),
103               ),
104             ),
105             child: Text(
106               'Hasil',
107               style: TextStyle(
108                 color: Colors.deepPurple,
109                 fontSize: 18,
110                 fontWeight: FontWeight.bold,
111               ),
112             ),
113             SizedBox(height: 20),
114             TextField(
115               controller: _hasilPajakController,
116               decoration: InputDecoration(
117                 labelText: 'Hasil Pajak (Rp.)',
118                 labelStyle: TextStyle(color: Colors.white),
119                 border: OutlineInputBorder(
120                   borderSide: BorderSide(color: Colors.white),
121                 ),
122                 enabledBorder: OutlineInputBorder(
123                   borderSide: BorderSide(color: Colors.white),
124                 ),
125                 focusedBorder: OutlineInputBorder(
126                   borderSide: BorderSide(color: Colors.amber),
127                 ),
128               ),
129               readOnly: true,
130               style: TextStyle(color: Colors.white),
131             ),
132             SizedBox(height: 10),
133             TextField(
134               controller: _hargaSetelahPajakController,
135               decoration: InputDecoration(
136                 labelText: 'Harga Setelah Pajak',
137                 labelStyle: TextStyle(color: Colors.white),
138                 border: OutlineInputBorder(
139                   borderSide: BorderSide(color: Colors.white),
140                 ),
141                 enabledBorder: OutlineInputBorder(
142                   borderSide: BorderSide(color: Colors.white),
143                 ),
144                 focusedBorder: OutlineInputBorder(
145                   borderSide: BorderSide(color: Colors.amber),
146                 ),
147               ),
148               readOnly: true,
149               style: TextStyle(color: Colors.white),
150             ),
151           ],
152         ),
153       ),
154     );
155   }
156 }
```

Profil Code

```
1 import 'package:flutter/material.dart';
2
3 class ProfilPage extends StatelessWidget {
4   @override
5   Widget build(BuildContext context) {
6     return Scaffold(
7       appBar: AppBar(
8         title: Text('Profil'),
9         backgroundColor: Colors.deepPurple,
10      ),
11      body: Container(
12        decoration: BoxDecoration(
13          gradient: LinearGradient(
14            colors: [Colors.deepPurple, Colors.indigo],
15            begin: Alignment.topLeft,
16            end: Alignment.bottomRight,
17          ),
18        ),
19      child: Center(
20        child: Column(
21          mainAxisAlignment: MainAxisAlignment.center,
22          children: [
23            CircleAvatar(
24              radius: 50,
25              backgroundImage: AssetImage(
26                'assets/re.jpg'), // Ganti NetworkImage dengan AssetImage
27              backgroundColor: Colors.white,
28            ),
29            SizedBox(height: 20),
30            Text(
31              'Profil',
32              style: TextStyle(
33                fontSize: 20,
34                fontWeight: FontWeight.bold,
35                color: Colors.amber,
36              ),
37            ),
38            SizedBox(height: 20),
39            InfoText(
40              label: 'NPM:',
41              value: '2210010314',
42            ),
43            SizedBox(height: 10),
44            InfoText(
45              label: 'Nama Lengkap:',
46              value: 'Muhammad Adam Alghifari',
47            ),
48            SizedBox(height: 10),
49            InfoText(
50              label: 'Prodi:',
51              value: 'Teknik Informatika',
52            ),
53          ],
54        ),
55      ),
56    );
57  }
58 }
59
60 // Custom widget for displaying profile information
61 class InfoText extends StatelessWidget {
62   final String label;
63   final String value;
64
65   InfoText({required this.label, required this.value});
66
67   @override
68   Widget build(BuildContext context) {
69     return Row(
70       mainAxisAlignment: MainAxisAlignment.center,
71       children: [
72         Text(
73           '$label ',
74           style: TextStyle(
75             fontSize: 18,
76             fontWeight: FontWeight.bold,
77             color: Colors.white,
78           ),
79         ),
80         Text(
81           value,
82           style: TextStyle(
83             fontSize: 18,
84             color: Colors.white,
85           ),
86         ),
87       ],
88     );
89   }
90 }
91
92
```


Hasil RUN



Projek UTS

localhost:53559

←

Kalkulator Pajak

Masukkan Detail

Harga Barang

Jumlah Pajak (%)

Hitung

Jumlah Pajak (Rp.)

Harga Setelah Pajak

