

PEMROGRAMAN MOBILE

“Laporan pertemuan 11”



Di susun oleh :

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PROGRAM STUDI D-IV TEKNIK INFORMATIKA

JURUSAN TEKNOLOGI INFORMASI

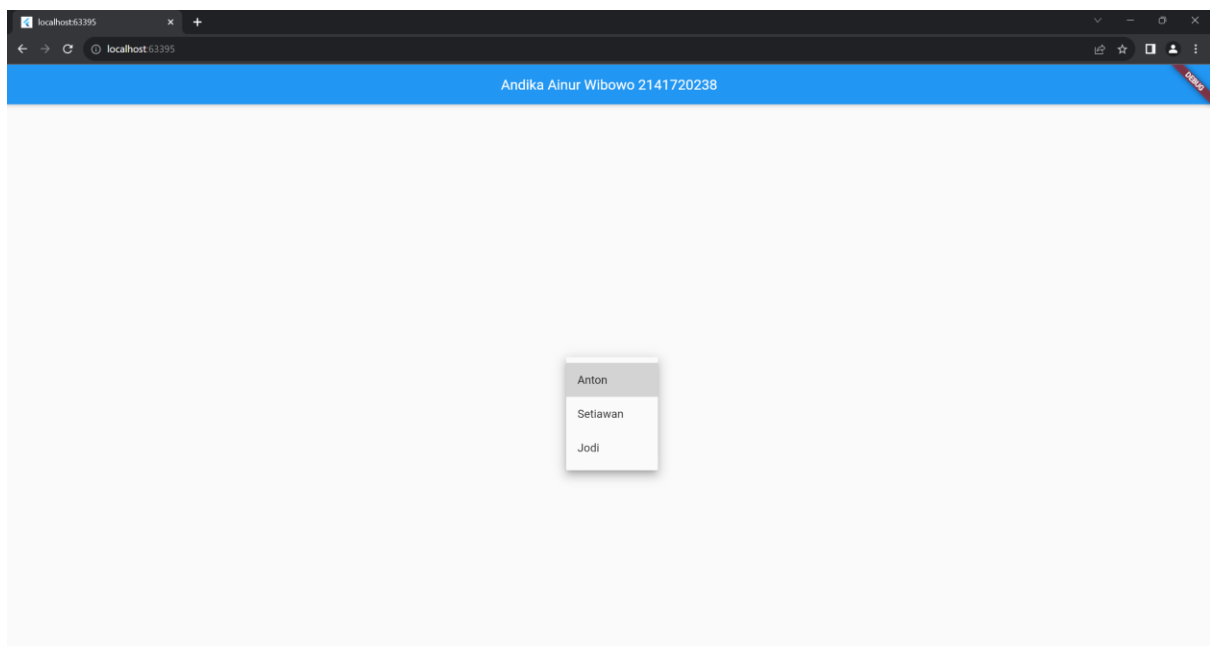
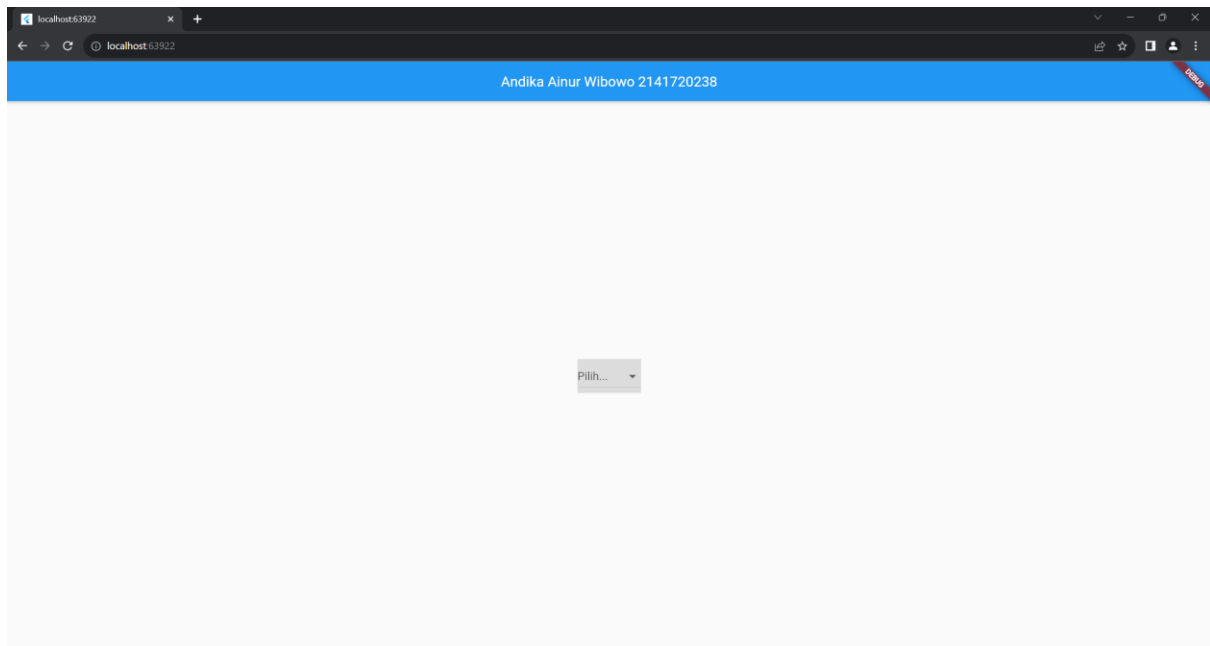
POLITEKNIK NEGERI MALANG

Menu dropdown sebelum bisa memilih value

Source code:

```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   // This widget is the root of your application.
9   @override
10  Widget build(BuildContext context) {
11    return MaterialApp(
12      home: HomePage(),
13    );
14  }
15 }
16
17 class HomePage extends StatelessWidget {
18   final List<String> data = [
19     "Anton",
20     "Setiawan",
21     "Jodi",
22   ];
23   @override
24   Widget build(BuildContext context) {
25     return Scaffold(
26       appBar: AppBar(
27         title: Text("Andika Ainur Wibowo 2141720238"),
28       ),
29       body: Center(
30         child: DropdownButton(
31           hint: Text("Pilih..."),
32           onChanged: (value) {
33             print(value);
34           },
35           items: data
36             .map(
37               (e) => DropdownMenuItem(
38                 value: e,
39                 child: Text(e),
40               ),
41             )
42             .toList(),
43         ));
44   }
45 }
46
```

Output:

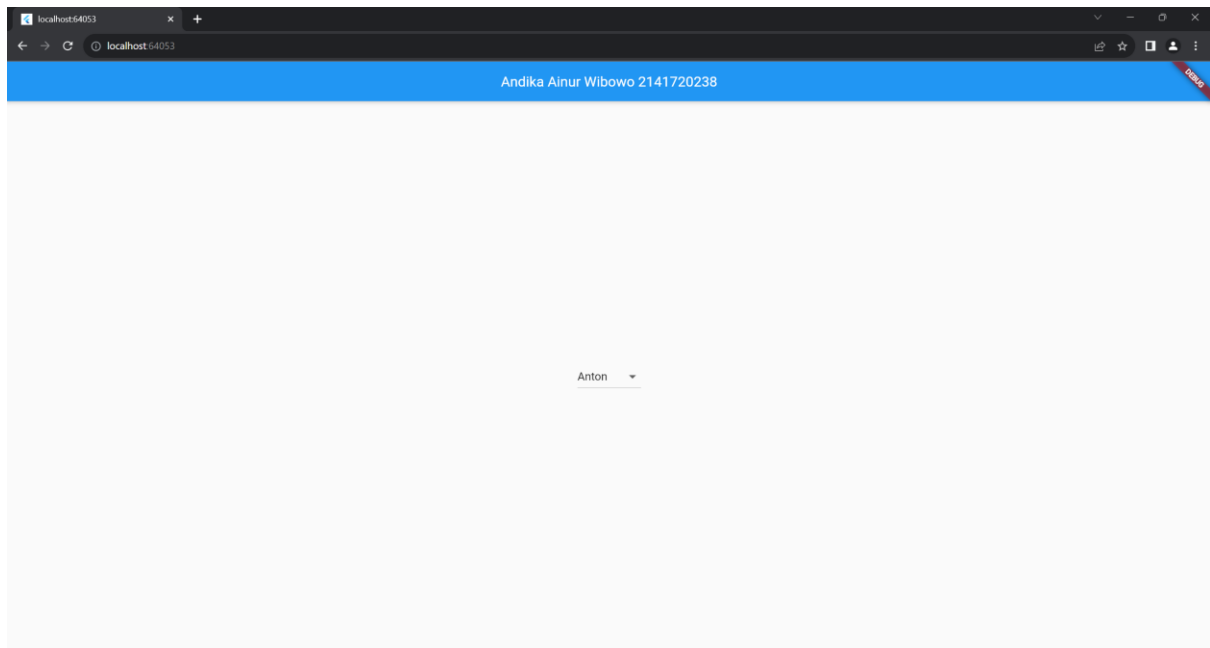


Menu dropdown setelah bisa memilih value

Source code:

```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   @override
9   Widget build(BuildContext context) {
10    return MaterialApp(
11      home: HomePage(),
12    );
13  }
14 }
15
16 class HomePage extends StatefulWidget {
17   @override
18   _HomePageState createState() => _HomePageState();
19 }
20
21 class _HomePageState extends State<HomePage> {
22   String selectedValue = 'Anton'; // Use the late keyword to indicate that it will be initialized later
23
24   final List<String> data = [
25     "Anton",
26     "Setiawan",
27     "Jodi",
28   ];
29
30   @override
31   Widget build(BuildContext context) {
32     return Scaffold(
33       appBar: AppBar(
34         title: Text("Andika Ainur Wibowo 2141720238"),
35         centerTitle: true,
36       ),
37       body: Center(
38         child: DropdownButton(
39           hint: Text("Pilih..."),
40           value: selectedValue,
41           onChanged: (value) {
42             setState(() {
43               selectedValue = value.toString(); // Convert value to String
44             });
45             print(value);
46           },
47           items: data
48             .map(
49               (e) => DropdownMenuItem(
50                 value: e,
51                 child: Text(e),
52               ),
53             )
54             .toList(),
55         ),
56       ),
57     );
58   }
59 }
60
```

Output:



Konversi Suhu tidak bisa memilih dropdown

Source code:

```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   // This widget is the root of your application.
9   @override
10  Widget build(BuildContext context) {
11    return MaterialApp(
12      theme: ThemeData(
13        primarySwatch: Colors.deepOrange,
14        visualDensity: VisualDensity.adaptivePlatformDensity,
15      ),
16      home: Scaffold(
17        appBar: AppBar(
18          title: Text("Konverter Suhu"),
19        ),
20        body: Container(
21          margin: EdgeInsets.all(50),
22          child: Column(
23            children: [
24              TextFormField(
25                decoration: InputDecoration(
26                  labelText: 'Celcius',
27                  hintText: 'Masukkan Angka Temperatur dalam celcius',
28                ),
29              ),
30              SizedBox(
31                height: 10,
32              ),
33              DropdownButton(
34                isExpanded: true,
35                value: 'Reamur',
36                // padding: EdgeInsets.all(20),
37                items: [
38                  DropdownMenuItem(
39                    child: Text('Reamur'),
40                    value: 'Reamur',
41                  ),
42                  DropdownMenuItem(
43                    child: Text('Kelvin'),
44                    value: 'Kelvin',
45                  ),
46                  DropdownMenuItem(
47                    child: Text('Fahrenheit'),
48                    value: 'Fahrenheit',
49                  ),
50                ],
51                onChanged: (value) {},
52              ),
53              Text('Hasil'),
54              Text('365'),
55              Row(
56                children: [
57                  Expanded(
58                    child: ElevatedButton(
59                      onPressed: () {}, child: Text('Konversi Suhu'),
60                    ),
61                ],
62              ),
63            ],
64          ),
65        ),
66      ),
67    );
68  }
69 }
70
71 class HomePage extends StatelessWidget {
72   final List<String> data = [
73     "Anton",
74     "Setiawan",
75     "Jodi",
76   ];
77   @override
78   Widget build(BuildContext context) {
79     return Scaffold(
80       appBar: AppBar(
81         title: Text("Andika Ainur Wibowo 2141720238"),
82       ),
83       body: Center(
84         child: DropdownButton(
85           hint: Text("Pilih..."),
86           onChanged: (value) {
87             print(value);
88           },
89           items: data
90             .map(
91               (e) => DropdownMenuItem(
92                 value: e,
93                 child: Text(e),
94               ),
95             )
96             .toList(),
97         ),
98       );
99     );
100   }
101 }
```

Output:

Konverter Suhu

Celcius

Reamur

Hasil
365

Konversi Suhu

Konversi Suhu bisa memilih dropdown

Source code:

```
1 import 'package:flutter/material.dart';
2
3 void main() {
4   runApp(MyApp());
5 }
6
7 class MyApp extends StatelessWidget {
8   @override
9   Widget build(BuildContext context) {
10    return MaterialApp(
11      theme: ThemeData(
12        primarySwatch: Colors.deepOrange,
13        visualDensity: VisualDensity.adaptivePlatformDensity,
14      ),
15      home: Scaffold(
16        appBar: AppBar(
17          title: Text("Konverter Suhu"),
18        ),
19        body: KonverterSuhu(),
20      ),
21    );
22 }
23
24 class KonverterSuhu extends StatefulWidget {
25   @override
26   _KonverterSuhuState createState() => _KonverterSuhuState();
27 }
28
29 class _KonverterSuhuState extends State<KonverterSuhu> {
30   String selectedUnit = 'Reamur'; // Track the selected unit
31
32   final List<String> data = [
33     "Reamur",
34     "Kelvin",
35     "Fahrenheit",
36   ];
37
38   @override
39   Widget build(BuildContext context) {
40     return Container(
41       margin: EdgeInsets.all(50),
42       child: Column(
43         children: [
44           TextFormField(
45             decoration: InputDecoration(
46               labelText: 'Celcius',
47               hintText: 'Masukkan Angka Temperatur dalam celcius',
48             ),
49           ),
50           SizedBox(
51             height: 10,
52           ),
53           DropdownButton<String>(
54             isExpanded: true,
55             value: selectedUnit,
56             items: data.map((unit) {
57               return DropdownMenuItem<String>(
58                 value: unit,
59                 child: Text(unit),
60               );
61             }).toList(),
62             onChanged: (value) {
63               setState(() {
64                 selectedUnit = value.toString();
65               });
66               print(selectedUnit);
67             },
68           ),
69           Text('Hasil'),
70           Text('365'),
71           Row(
72             children: [
73               Expanded(
74                 child: ElevatedButton(
75                   onPressed: () {
76                     // Perform the temperature conversion based on the selected unit
77                   },
78                   child: Text('Konversi Suhu'),
79                 ),
80             ],
81           ),
82         ],
83       ),
84     );
85   }
86 }
87
88 }
```


Output:

