

Tataletak.kt

```
1 package com.example.mylayout
2
3 import androidx.compose.foundation.Image
4 import androidx.compose.foundation.background
5 import androidx.compose.foundation.layout.Arrangement
6 import androidx.compose.foundation.layout.Box
7 import androidx.compose.foundation.layout.Column
8 import androidx.compose.foundation.layout.Row
9 import androidx.compose.foundation.layout.Spacer
10 import androidx.compose.foundation.layout.fillMaxHeight
11 import androidx.compose.foundation.layout.fillMaxWidth
12 import androidx.compose.foundation.layout.height
13 import androidx.compose.foundation.layout.padding
14 import androidx.compose.material3.Text
15 import androidx.compose.runtime.Composable
16 import androidx.compose.ui.Alignment
17 import androidx.compose.ui.Modifier
18 import androidx.compose.ui.graphics.Color
19 import androidx.compose.ui.layout.ContentScale
20 import androidx.compose.ui.res.painterResource
21 import androidx.compose.ui.text.font.FontFamily
22 import androidx.compose.ui.text.font.FontWeight
23 import androidx.compose.ui.unit.dp
24 import androidx.compose.ui.unit.sp
25
26 @Composable
27 fun TataletakColumn(modifier: Modifier) {
28     Column(modifier = modifier.padding(top = 20.dp, start = 20.dp, end = 20.dp)) {
29         Text(text = "Komponen1")
30         Text(text = "Komponen2")
31         Text(text = "Komponen3")
32         Text(text = "Komponen4")
33     }
34 }
35
36 @Composable
37 fun TataletakRow(modifier: Modifier) {
38     Row(modifier = modifier.fillMaxWidth(),
39         horizontalArrangement = Arrangement.SpaceEvenly) {
40         Text(text = "Komponen1")
41         Text(text = "Komponen2")
42         Text(text = "Komponen3")
43         Text(text = "Komponen4")
44     }
45 }
46
47 @Composable
48 fun TataletakBox(modifier: Modifier) {
49     Box(
50         modifier = modifier
51             .fillMaxHeight()
52             .fillMaxWidth(), contentAlignment = Alignment.Center
53     ) {
54         Text(text = "Box 1")
55         Text(text = "Column 1")
56         Text(text = "Row 1")
57         Text(text = "Box 2")
58         Text(text = "Column 2")
59     }
60 }
61
62 @Composable
63 fun TataletakColumnRow(modifier: Modifier) {
64     Column() {
65         //Baris1
66         Row(modifier = modifier.fillMaxWidth(),
67             horizontalArrangement = Arrangement.SpaceEvenly) {
```

```

61
62 @Composable
63 fun TataletakColumnRow(modifier: Modifier) {
64     Column() {
65         //Baris1
66         Row(modifier = modifier.fillMaxWidth(),
67             horizontalArrangement = Arrangement.SpaceEvenly) {
68             Text(text = "Komponen1Baris1")
69             Text(text = "Komponen2Baris1")
70             Text(text = "Komponen3Baris1")
71         }
72         //Baris2
73         Row(modifier = modifier.fillMaxWidth(),
74             horizontalArrangement = Arrangement.SpaceEvenly) {
75             Text(text = "Komponen1Baris2")
76             Text(text = "Komponen2Baris2")
77             Text(text = "Komponen3Baris2")
78         }
79     }
80 }
81
82 @Composable
83 fun TataletakRowColumn(modifier: Modifier) {
84     Row(modifier = modifier.fillMaxWidth(), horizontalArrangement = Arrangement.SpaceEvenly) {
85         //Kolom1
86         Column(){
87             Text(text = "Komponen1Kolom1")
88             Text(text = "Komponen2Kolom1")
89             Text(text = "Komponen3Kolom1")
90         }
91         //Kolom2
92         Column(){
93             Text(text = "Komponen1Kolom2")
94             Text(text = "Komponen2Kolom2")
95             Text(text = "Komponen3Kolom2")
96         }
97     }
98 }
99
100 @Composable
101 fun TataletakBoxColumnRow(modifier: Modifier) {
102     val gambar = painterResource(id = R.drawable.notasibalok)
103     Column {
104         Box(
105             modifier = modifier
106                 .fillMaxWidth()
107                 .height( height = 110.dp)
108                 .background(color = Color.Yellow),
109             contentAlignment = Alignment.Center
110         ) {
111             Column() {
112                 Row(
113                     modifier = modifier.fillMaxWidth(),
114                     horizontalArrangement = Arrangement.SpaceEvenly
115                 ) {
116                     Text(text = "Col1_Row1_Komponen1")
117                     Text(text = "Col1_Row1_Komponen2")
118                     Text(text = "Col1_Row1_Komponen3")
119                 }
120                 Row(

```

```
MainActivity.kt  Tataletak.kt  gradle-wrapper.properties
101 fun TataletakBoxColumnRow(modifier: Modifier) {
103     Column {
110     } {
111         Column() {
114             horizontalArrangement = Arrangement.SpaceEvenly
115         } {
116             Text(text = "Col1_Row1_Komponen1")
117             Text(text = "Col1_Row1_Komponen2")
118             Text(text = "Col1_Row1_Komponen3")
119         }
120         Row(
121             modifier = modifier.fillMaxWidth(),
122             horizontalArrangement = Arrangement.SpaceEvenly
123         ) {
124             Text(text = "Col1_Row2_Komponen1")
125             Text(text = "Col1_Row2_Komponen2")
126             Text(text = "Col1_Row2_Komponen3")
127         }
128     }
129 }
130 Spacer(modifier = Modifier.height( height = 10.dp))
131 Box(
132     modifier = modifier
133     .fillMaxWidth()
134     .height( height = 300.dp)
135     .background(color = Color.Cyan),
136     contentAlignment = Alignment.Center
137 ){
138     Image(painter = gambar,
139         contentDescription = null,
140         contentScale = ContentScale.Fit)
141     Text(text = "My Music",
142         fontSize = 50.sp,
143         color = Color.Red,
```

```
MainActivity.kt  Tataletak.kt  gradle-wrapper.properties
101 fun TataletakBoxColumnRow(modifier: Modifier) {
103     Column {
110     } {
111         Column() {
127         }
128     }
129 }
130 Spacer(modifier = Modifier.height( height = 10.dp))
131 Box(
132     modifier = modifier
133     .fillMaxWidth()
134     .height( height = 300.dp)
135     .background(color = Color.Cyan),
136     contentAlignment = Alignment.Center
137 ){
138     Image(painter = gambar,
139         contentDescription = null,
140         contentScale = ContentScale.Fit)
141     Text(text = "My Music",
142         fontSize = 50.sp,
143         color = Color.Red,
144         fontWeight = FontWeight.Bold,
145         fontFamily = FontFamily.Cursive,
146         modifier= Modifier.align(
147             alignment = Alignment.Center))
148 }
149 }
150 }
151 }
```

MainActivity.kt

```
1 package com.example.mylayout
2
3 import android.os.Bundle
4 import androidx.activity.ComponentActivity
5 import androidx.activity.compose.setContent
6 import androidx.compose.foundation.layout.fillMaxSize
7 import androidx.compose.foundation.layout.padding
8 import androidx.compose.material3.Scaffold
9 import androidx.compose.material3.Text
10 import androidx.compose.runtime.Composable
11 import androidx.compose.ui.Modifier
12 import androidx.compose.ui.tooling.preview.Preview
13 import androidx.core.view.WindowCompat.enableEdgeToEdge
14 import com.example.mylayout.ui.theme.MyLayoutTheme
15
16 Usage
17 class MainActivity : ComponentActivity() {
18     override fun onCreate(savedInstanceState: Bundle?) {
19         super.onCreate(savedInstanceState)
20         setContent {
21             MyLayoutTheme {
22                 Scaffold(modifier = Modifier.fillMaxSize()) { innerPadding ->
23                     // Panggil composable layout utama dengan padding dari Scaffold
24                     TataLetakBoxColumnRow(
25                         modifier = Modifier.padding(paddingValues = innerPadding)
26                     )
27                 }
28             }
29         }
30     }
}
```