



## Ödev 2

Açıklama	Derste anlatılan listview uygulamasını gerçekleştirip pdf döküman içerisinde ekran görüntüleri ve kodları ile paylaşınız. Ayrıca gerçekleştirdiğiniz uygulamanın ekran videosuna ait youtube linkini pdf dökümana ekleyiniz.
Created	@November 2, 2021 12:04 AM
Link	<a href="https://www.youtube.com/watch?v=Wi05jHfayus">https://www.youtube.com/watch?v=Wi05jHfayus</a>

Uygulamanın Youtube linki : <https://www.youtube.com/watch?v=Wi05jHfayus>

Uygulamanın kod ekran görüntüleri ve çıktı ekran görüntüsü :

```
ListView-ornek.dart x pubspec.yaml x
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      title: 'Flutter App',
12      theme: ThemeData(primarySwatch: Colors.blue),
13      home: MyHomePage(title: 'Product layout demo home page'),
14    ); // MaterialApp
15  }
16 }
17
18 class MyHomePage extends StatelessWidget {
19   MyHomePage({required this.title});
20   final String title;
21   final String desc1 = "Python is an interpreted, object-oriented, high-level programming language with dynamic semantics.";
22   final String desc2 = "Java is a general-purpose, class-based, object-oriented programming language designed for having lesser implementation dependencies.";
23   final String desc3 = "JavaScript is a dynamic computer programming language.";
24   final String desc4 = "C# is an object-oriented programming language from Microsoft.";
25   final String desc5 = "C is a high-level programming language that was developed in the mid-1970s.";
26   @override
27   Widget build(BuildContext context) {
28    return Scaffold(
29      appBar: AppBar(title: Text("Trending programming languages - 2021")),
30      body: ListView(
31        shrinkWrap: true,
32        padding: const EdgeInsets.fromLTRB(2.0, 10.0, 2.0, 10.0),
33        children: <Widget>[
34          ProductBox(name: "Python", description: desc1, image: "1-python.png"),
35          ProductBox(name: "Java", description: desc2, image: "2-java.png"),
36          ProductBox(name: "Javascript", description: desc3, image: "3-javascript.png"),
37          ProductBox(name: "C#", description: desc4, image: "4-cs.png"),
38          ProductBox(name: "C/C++", description: desc5, image: "5-ccpp.png"),
39        ], // <Widget>[]
40      ) // ListView
41    ); // Scaffold
42  }
43 }
44
```

```

44
45 class ProductBox extends StatelessWidget {
46   ProductBox({required this.name, required this.description, required this.image});
47
48   final String name;
49   final String description;
50   final String image;
51
52   Widget build(BuildContext context) {
53     return Container(
54       padding: EdgeInsets.all(2),
55       height: 120,
56       child: Card(
57         child: Row(
58           mainAxisAlignment: MainAxisAlignment.spaceEvenly,
59           children: <Widget>[
60             Image.asset("images/"+image),
61             Expanded(
62               child: Container(
63                 padding: EdgeInsets.all(5),
64                 child: Column(
65                   mainAxisAlignment: MainAxisAlignment.spaceEvenly,
66                   children: <Widget>[
67                     Text(this.name, style: TextStyle(fontWeight: FontWeight.bold)),
68                     Text(this.description),
69                   ], // <Widget>[]
70                 ), // Column
71               ), // Container
72             ), // Expanded
73           ], // <Widget>[]
74         ), // Row
75       ), // Card
76     ); // Container
77   }
78 }
79
80

```





## Kodlar :

```
import 'package:flutter/material.dart';

void main() {runApp(MyApp());}

class MyApp extends StatelessWidget {
  @override
  Widget build(BuildContext context) {
    return MaterialApp(
      title: 'Flutter App',
      theme: ThemeData(primarySwatch: Colors.blue),
      home: MyHomePage(title: 'Product layout demo home page'),
    );
  }
}

class MyHomePage extends StatelessWidget {
  MyHomePage( {required this.title} );
  final String title;
  // description Strings
  final String desc1 = "Python is an interpreted, object-oriented, high-level programming language with dynamic semantics.";
  final String desc2 = "Java is a general-purpose, class-based, object-oriented programming language designed for having lesser implementation dependencies.";
  final String desc3 = "JavaScript is a dynamic computer programming language.";
  final String desc4 = "C# is an object-oriented programming language from Microsoft.";
  final String desc5 = "C is a high-level programming language that was developed in the mid-1970s.";

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      appBar: AppBar(title: Text("Trending programming languages - 2021")),
      body: ListView(
        shrinkWrap: true,
        padding: const EdgeInsets.fromLTRB(2.0,10.0,2.0,10.0),
        children: <Widget>[
          ProductBox(name: "Python",description: desc1, image: "1-python.png"),
          ProductBox(name: "Java", description: desc2, image: "2-java.png"),
          ProductBox(name: "Javascript", description: desc3 , image: "3-javascript.png"),
          ProductBox(name: "C#", description: desc4, image: "4-cs.png"),
          ProductBox(name: "C/C++", description: desc5 , image: "5-ccpp.png"),
        ],
      ),
    );
  }
}

class ProductBox extends StatelessWidget {
  ProductBox( {required this.name,required  this.description,required  this.image});

  final String name;
  final String description;
  final String image;

  Widget build(BuildContext context) {
    return Container(
      padding: EdgeInsets.all(2),
      height: 120,
      child: Card(
        child: Row(
          mainAxisAlignment: MainAxisAlignment.spaceEvenly,
          children: <Widget>[
            Image.asset("images/"+image),
            Expanded(
              child: Container(
                padding: EdgeInsets.all(5),
                child: Column(
                  mainAxisAlignment: MainAxisAlignment.spaceEvenly,
                  children: <Widget>[
                    Text(this.name, style: TextStyle(fontWeight: FontWeight.bold)),
                    Text(this.description),
                  ],
                ),
              ),
            ),
          ],
        ),
      ),
    );
  }
}
```