

Bookstore: React Js

Programming language: JavaScript

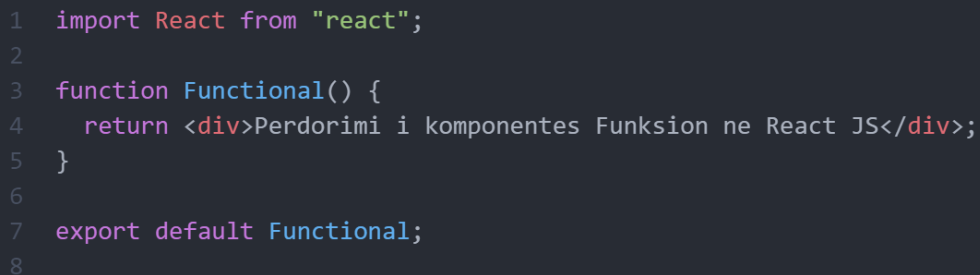
Topic: **Components in React**

Components are self-contained and reusable pieces of code. They serve the same purpose as JavaScript functions, but run in isolation and return HTML. Components come in two types:

- class components and
- function components, in this tutorial we will focus on function components.

In other words, we can say that every application you will develop in React will consist of parts called components.

Functional components: Functional components are simply javascript functions. We can create a functional component in React by writing a javascript function. These functions may or may not take data as parameters, we will discuss this later in the tutorial. The following example shows a valid functional component in React:



```
1  import React from "react";
2
3  function Functional() {
4    return <div>Perdorimi i komponentes Funksion ne React JS</div>;
5  }
6
7  export default Functional;
8
```

Class components: Class components are slightly more complex than functional components. Functional components are not aware of other components in your program, while class components can work with each other. We can pass data from one class component to other class components. We can use JavaScript ES6 classes to create class-based components in React. The following example shows a valid class-based component in React:



```
1  import React, { Component } from "react";
2
3  class Class extends Component {
4    render() {
5      return <div>Perdorimi i komponentes Klas ne React JS</div>;
6    }
7  }
8
9  export default Class;
10
```