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React Render HTML

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React's goal is in many ways to render HTML in a web page.

React renders HTML to the web page by using a function called `ReactDOM.render()`.

The Render Function

The `ReactDOM.render()` function takes two arguments, HTML code and an HTML element.

The purpose of the function is to display the specified HTML code inside the specified HTML element.

Example

Display a paragraph inside the "root" element:

The result is displayed in the `<div id="root">` element:

```
<body>

  <div id="root"></div>

</body>
```

Run Example »

The HTML Code

The HTML code in this tutorial uses JSX which allows you to write HTML tags inside the JavaScript code:

Do not worry if the syntax is unfamiliar, you will learn more about JSX in the next chapter.

Example

Create a variable that contains HTML code and display it in the root node:

```
<table>
    <tr>
        <th>Name</th>
    </tr>
    <tr>
        <td>John</td>
    </tr>
    <tr>
        <td>Elsa</td>
    </tr>
  </table>
);


ReactDOM.render(myelement, document.getElementById('root'));
```

Run Example »

The Root Node

The root node is the HTML element where you want to display the result.

It is like a *container* for content managed by React.

It does NOT have to be a `<div>` element and it does NOT have to have the `id='root'` :

Example

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```
<body>

  <header id="sandy"></header>

</body>
```

Display the result in the `<header id="sandy">` element:

```
ReactDOM.render(<p>Hallo</p>, document.getElementById('sandy'));
```

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