ReactDOM

A brief introduction to ReactDOM and render() method in React application.

The App component is located in your entry point to the React world: the *src/index.js* file.

```
import React from 'react';
import ReactDOM from 'react-dom';
import App from './App';
import './index.css';

ReactDOM.render(
  <App />,
  document.getElementById('root')
);
```

`ReactDOM.render()` uses a DOM node in your HTML to replace it with JSX. It's a way to integrate React in any foreign application easily, and you can use `ReactDOM.render()` multiple times across your application. You can use it to bootstrap simple JSX syntax, a React component, multiple React components, or an entire application. In a plain React application, you would only use it once to bootstrap the component tree.

`ReactDOM.render()` expects two arguments. The first argument is for rendering the JSX. The second argument specifies the place where the React application hooks into your HTML. It expects an element with an `id='root'`, found in the *public/index.html* file.

```
ReactDOM.render(
  <h1>Hello React World</h1>,
  document.getElementById('root')
);
```

During implementation, `ReactDOM.render()` takes your App component, though it can also pass simple JSX. It doesn't require a component instance.

Exercises:

- Open the *public/index.html* to see where the React application hooks into your HTML

Futher Reading:

- Read about rendering elements in React