**Your grade: 100%**

Your latest: **100%** • Your highest: **100%** • To pass you need at least 60%. We keep your highest score.

[Next item →]

1. Which React feature eliminates the need for class-based coding because it handles states in function components?

    1 / 1 point

    ○ Component-based architecture

    ○ JavaScript XML (JSX)

    ● Hooks

    ○ One-way data binding

    ⊘ **Correct**
    Correct! React employs hooks, a feature introduced in React 16.8. Hooks simplify component logic, promote code reuse, and make it easier to manage stateful behavior.

2. Which directory in the React folder structure contains the source code for the React application?

    1 / 1 point

    ○ App.js

    ○ public

    ● src

    ○ Node_modules

    ⊘ **Correct**
    Correct! The src directory contains the source code for a React application. Inside the src folder you will have "App.js", "App.css", "main.js" and "index.css" files.

3. Which specific file in the React folder structure typically contains essential details such as setup instructions and usage guidelines?

    1 / 1 point

    ○ .gitignore

    ○ package.json

    ○ eslintrc.cjs

    ● README.md

    ⊘ **Correct**
    Correct! README.md file provides information about the project, including setup instructions, usage guidelines, and project documentation.

4. Which feature in JavaScript, as part of ES6, addresses the need for handling asynchronous operations?

    1 / 1 point

    ○ Class

    ○ let

    ○ Arrow functions

    ● Promise

    ⊘ **Correct**
    Correct! The promise object represents the eventual completion of an asynchronous operation and its return value.

5. True or False: The JSX syntax is similar to HTML, used by React, and extends ECMAScript.

    1 / 1 point

    ● True

    ○ False

    ⊘ **Correct**
    Correct! The JSX syntax is like an XML or HTML-like syntax used by React that extends ECMAScript. JSX allows you to write XML or HTML-like code embedded in JavaScript.