✓ **Congratulations! You passed!**

Grade received 100%   To pass 66% or higher

Go to next item

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1. Which new ES6 feature doesn't allow you to reassign a variable in the same code block?   `1 / 1 point`

⦿ const

◯ Arrow functions

◯ Promise

◯ let

✓ **Correct**
Correct! const allows you to declare constants whose values cannot be changed.

2. Which new ES6 feature adds object-oriented programming capability to JavaScript?   `1 / 1 point`

◯ Arrow functions

◯ Promise

⦿ Class

◯ const

✓ **Correct**
Correct! Object-oriented programming was made feasible in JavaScript with the introduction of class.

3. What is one of the things that React provides when building UIs?   `1 / 1 point`

◯ Clarifies user feedback in applications

⦿ Eliminates a need to synchronize UI elements with the application state

◯ Extends markdown syntax

◯ Synchronizes UI elements with user interaction

✓ **Correct**
Correct! React uses dynamic data binding and a virtual DOM to eliminate the need for code that keeps UI elements synchronized with the application state.

4. What is the first step to create a class component?   `1 / 1 point`

◯ Change the index.js file

◯ Override the render method

⦿ Inherit the class component from the React module

◯ Pass props to a constructor

✓ **Correct**
Correct. The first step is to inherit the class component from the React module.

5. Why do we use JSX?   `1 / 1 point`

⦿ To create user interface components in React

◯ To use JavaScript variable

◯ To produce XML elements

◯ To convert JavaScript into XML code

✓ **Correct**
Correct. JSX provides an easier way to create user interface components in React.

6. Which component type can be used to replace a stateless functional component?   `1 / 1 point`

◯ Class

⦿ Pure

◯ High-order

◯ Cannot be replaced

✓ **Correct**
Correct. Pure components do not depend on or modify the state of variables outside their scope; hence, they can replace stateless functional components.