ƆPENCLASSROOMS

Build web apps with ReactJS

10 hours   Medium

Last updated on 7/2/19

Working With Components

You haven't passed this quiz.

You didn't earn the required grade for this exercise (70% or higher). Don't worry though. You can retake this quiz 24 hours after your first attempt.
Be careful. This is your last try!

Evaluated skills

✖   Turn specifications into a well-architected React application

✖   Use "create-react-app" to generate, develop, and build your React project

✖   Explain JavaScript frameworks and libraries are

Question 1

If a component is written as a Javascript function, and then rewritten as a Javascript class, the return value of its `render` function should be:

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✗ ☑ nothing – render functions render via JSX and don't need a return value.

✓ ☑ exactly the same as the return value of the component when it was written as a function.

Question 2

Component `props` are:

Careful, there are several correct answers.

✓ ☑ read-only.

✗ ☐ passed in when the component is called.

☐ available to all of a component's child component descendants.

☐ one of many ways that components can pass information to their children.

Question 3

The right place for code meant to run during a component's initialization is:

When a component's output is first inserted into the DOM it will trigger a hook called `componentDidMount`, and when it's removed from the DOM it will trigger one called `componentWillUnmount`

○ in the return value of the `render` function.

✓ ○ in the constructor function.

○ in a function called 'componentDidMount'.

✗ ◉ in a function called 'componentWillUnmount'.

Question 4

Calling `super()` in the constructor function of a React component will:

✗ ◉ insert the component into the DOM for the first time.

✓ ○ run the constructor function of the React.Component class.

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Question 5

If two or more components need to share access to a single element of state, the right place to locate that state is:

❌ ⦿ in both components. The common elements should just be duplicated.

○ on the global scope.

✓ ○ in a common ancestor component.

○ in data attributes.

Question 6

How can we make sure that events in a child component trigger appropriate changes in a parent component's state?

○ Through event bubbling.

❌ ⦿ We can't. Child components have no way of affecting their parents' state.

✓ ○ With a callback that was passed in as a prop from the parent.

○ Via `this.parent.setState()`

| ‹ UNDERSTAND ONE-WAY DATA BINDINGS | BREAK REQUIREMENTS DOWN INTO COMPONENTS › |

Teachers

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