React.js Quiz

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Any change to the value assigned to a state variable will immediately update 5 points anywhere that variable value appears in the rendered part of a React component.

◉ True

○ False

Clear selection

It is considered good practice to include inline CSS styles in JSX code tags. 5 points

○ True

◉ False

Clear selection

If multiple instances of a JSX component are rendered from within a loop, 5 points
React requires that each be given a ...

○ a callback function to invoke once they are fully rendered on the page

○ a prop as a return value to be returned as a Promise when the component is
   removed from the page

○ a state variable as an argument to be bound to an interface element

◉ a unique identifier supplied as an attribute named 'key'

Clear selection

React's useState() function returns...   5 points

○ a single return value

◉ two discrete return values

○ an array with two references

○ an object with two fields

Clear selection

Components written in JSX are written exactly as in HTML   5 points

○ True

◉ False

Clear selection

The code generated by React.js (without using any additional frameworks)   5 points
is...

☑ front-end code

☐ back-end code

☐ database code

☐ none of the above

React's useEffect() function accepts as its required first argument...   5 points

◉ a callback function to run anytime the component is rendered or re-rendereed

○ a function call that executes immediately when passed to the useEffect function

○ an array of data to display in the rendered visible part of the component

○ an array of state variables any of whose value change will trigger useEffect to be
   invoked

○ an object that contains references to all of the component's state variables

Clear selection

External style sheet files should be imported into a React application using   5 points
the standard HTML <link rel="stylesheet" ... /> tag.

○ True

◉ False

Clear selection

All values passed to components as arguments must be single values, not Javascript arrays or objects.

5 points

○ True

◉ False

Clear selection

It is considered a good practice to style React components by writing CSS code that selects for a particular type of HTML element that will be generated by React and applies styles to it.

5 points

◉ True

○ False

Clear selection

In functional programming, all functions are expected to receive particular input and a return specific result based on that input. Any other behavior of a function besides this is termed a 'side-effect' and is considered bad code. React requires programmers follow functional programming style.

5 points

○ Yes - it does.

◉ No - it does not.

Clear selection

React's useEffect() function accepts as its optional second argument...   5 points

○ a callback function to run anytime the component is rendered or re-rendereed

○ a function call that executes immediately when passed to the useEffect function

○ an array of data to display in the rendered visible part of the component

◉ an array of state variables any of whose value change will trigger useEffect to be invoked

○ an object that contains references to all of the component's state variables

Clear selection

The Javascript code written in React is...   5 points

☑ front-end code

☐ back-end code

☐ database code

☐ none of the above

React components are...   5 points

☐ Callback functions

☑ Code definitions of modular reusable parts of an app's user interface

☑ Code written primarily in Javascript and JSX that will ultimately be converted into HTML, CSS, and browser-based Javascript.

☐ Side-effects of functions

React components (not including legacy code) should generally be written   5 points
as...

◯ Javascript arrays of objects

◯ Javascript classes that extend the class, React.Component

◉ Javascript functions

◯ Javascript objects written in Javascript Object Notation (JSON)

Clear selection

React components can accept arguments. These are called...   5 points

◯ Callbacks

◯ Hooks

◉ Props

◯ Side-effects

◯ State

Clear selection

Attributes of JSX components are written in...   5 points

◯ UpperCamelCase

◉ lowerCamelCase

◯ underscore_notation

◯ alllowecasenospaces

Clear selection

The values to pass as arguments to a component are generally written as... **5 points**

○ Arrow functions

○ Arguments in a function call

◉ Attributes in a JSX tag

○ Callback functions

Clear selection

package.json is a configuration file used by all... **5 points**

☐ React applications

☑ Node.js applications that use the Node Package Manager (NPM)

☐ HTML, CSS, and and browser-based Javascript applications

☐ none of the above

Changes to "state" variables in React must be done by reassigning the variables directly, not by calling any function that does so. **5 points**

○ True

◉ False

Clear selection

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