

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

- ☐ True
- ☒ False

Clear selection

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

- ☒ a callback function to run anytime the component is rendered or re-rendered
- ☐ 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

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

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

- ☐ True
- ☒ False

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

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

Components written in JSX are written exactly as in HTML

5 points

- ☐ True
- ☒ False

Clear selection

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

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

5 points

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

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

- ☐ Callbacks
- ☐ Hooks
- ☒ Props
- ☐ Side-effects
- ☐ State

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

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

- ☒ True
- ☐ False

Clear selection

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

- ☐ Javascript arrays of objects
- ☐ Javascript classes that extend the class, React.Component
- ☒ Javascript functions
- ☐ Javascript objects written in Javascript Object Notation (JSON)

Clear selection



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

- ☒ front-end code
- ☐ back-end code
- ☐ database code
- ☐ none of the above

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

- ☐ front-end code
- ☐ back-end code
- ☐ database code
- ☒ none of the above

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

- ☐ UpperCamelCase
- ☒ lowerCamelCase
- ☐ underscore_notation
- ☐ alllowecasenospaces

Clear selection

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

- ☐ 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

All values passed to components as arguments must be single values, not Javascript arrays or objects. 5 points

- ☐ True
- ☒ False

Clear selection

