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## Graded Quiz

Latest Submission Grade **100%**

1. What is create-react-app?

1 / 1 point

- ☐ A core part of the React library
- ☒ A tool to set up a React project quickly

✓ **Correct**

Correct! create-react-app is just a tool built by the React team so that we can set up a Client-side rendered application quickly and easily.

2. At its simplest form, what is a React component in terms of JS?

1 / 1 point

- ☐ A JS class with a render method
- ☒ A function that returns HTML

✓ **Correct**

Correct! At its most pure form, a React component is just a JS function that returns HTML. There are class React components which are more complex, however they are irrelevant now after the introduction of React Hooks.



3. What is JSX?

1 / 1 point

- ☐ A Strongly-typed language based on JavaScript
- ☒ A way to write JS code inside the HTML of the React component



**Correct**

Correct! In Order to make components more useful we need to write JS with our markup

4. Can we pass props from the child component to the parent component?

1 / 1 point

- ☐ Yes
- ☒ No



**Correct**

Correct! We can only pass props from parents to child components.

5. What is the onClick prop of a button?

1 / 1 point

- ☒ A Function that will be executed when the button is clicked
- ☐ A Function that executes when the button renders



**Correct**

Correct! onClick expects a callback function that will be executed when someone clicks



6. Do all React components expect the "key" prop?

1 / 1 point

- ☒ No  
☐ Yes

✓ **Correct**

Correct! Only the components that are rendered as a result of mapping over an array

7. Why do we need to write "await" before the axios.get() call?

1 / 1 point

- ☒ Because axios.get is an async function  
☐ Because the GET request may take a long time

✓ **Correct**

Correct! We either need to use the await keyword or use .then() and .catch()

8. When does the useEffect hook run?

1 / 1 point

- ☒ When the component first renders  
☐ When the component demounts

✓ **Correct**

Correct! We use useEffect to issue functions we want to run as soon as the component renders

9. Do we have to write .css files to style React components?

1 / 1 point

- ☐ Yes  
☒ No

✓ **Correct**

Correct! We can use the native style prop or CSS-IN-JS solutions