Course | Discussion | Course Handouts | Progress | Additional Resources | Notes

Previous | Next

Quiz 3.1

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Problem 1

1/1 point (graded)

The primary difference between the standard DOM and the React Virtual DOM is that:

- ◉ The React Virtual DOM selectively renders HTML elements instead of rendering all elements in the page. ✔
- ○ The standard DOM consists only of HTML elements but the React Virtual DOM also includes JavaScript.
- ○ The React Virtual DOM is accessible via JavaScript, whereas the standard DOM is not.
- ○ The React Virtual DOM uses a tree structure, whereas the standard DOM does not.

Answer
Correct:
Both the React Virtual DOM and standard DOM use a tree structure and allow for access via JavaScript. However, the elements in the React Virtual DOM are rendered only when needed, as opposed to the standard DOM, which always re-renders all elements whenever anything changes.

Submit   You have used 1 of 3 attempts

? Hint   💾 Save   ⓘ Show Answer

✔ Correct (1/1 point)

Problem 2

1/1 point (graded)

JSX allows us to:

- ○ Separate JavaScript from HTML using the <script> tag.
- ◉ Include HTML within the JavaScript when invoking a React component's "render" function. ✔
- ○ Render React components anywhere in the HTML page.
- ○ Write functions that are invoked when rendering a React component.

Answer
Correct:
JSX is a technology that converts HTML to JavaScript, so that we can then use it in the JavaScript function that renders a React component.

Submit   You have used 1 of 3 attempts

? Hint   💾 Save   ⓘ Show Answer

✔ Correct (1/1 point)

Previous | Next