Quiz 09: React Intro

Due Nov 10, 2023 at 2:59am   **Points** 8   **Questions** 8   **Time Limit** None

Attempt History

	Attempt	**Time**	**Score**
LATEST	**Attempt 1**	126 minutes	8 out of 8

Score for this quiz: **8** out of 8

Submitted Nov 7, 2023 at 4:33pm

This attempt took 126 minutes.

Question 1	**1 / 1 pts**

Why does this course say to not use `document.querySelector()` or `document.getElementXXX()` functions when using React?

○ There is no reason to be concerned over modifying the DOM directly while using React

○ Using the DOM is slower and inefficient compared to using React

Correct!

◉

React has control over parts of the DOM so you shouldn't change it it and confuse React

○ React doesn't use the DOM and is a separate desktop program

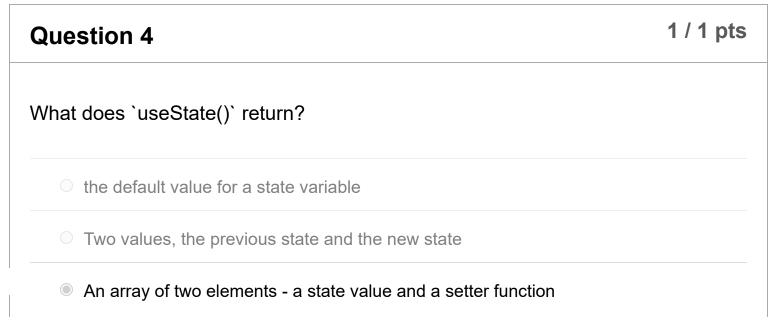## Question 2   **1 / 1 pts**

What is a good summary of what JSX is?

Correct!

◉

JSX is syntax that looks like a blend of HTML and JS, and that translates into JS that manages HTML in the DOM

○ JS X is JS version 10, with better HTML management tools

○ JSX is the the way a browser manages a displayed html page

○ JSX is JS eXtreme, and it is an upcoming, improved version of JS

Question 3

1 / 1 pts

Which statement is NOT true about React Components?

Correct!

- ◉ Components are the name for React libraries

- ○ Components can have their own individual state

- ○ Components are written as JS functions (new style) or JS classes (older style)

- ○

  Components return HTML that have only one containing element (or are a fragment)
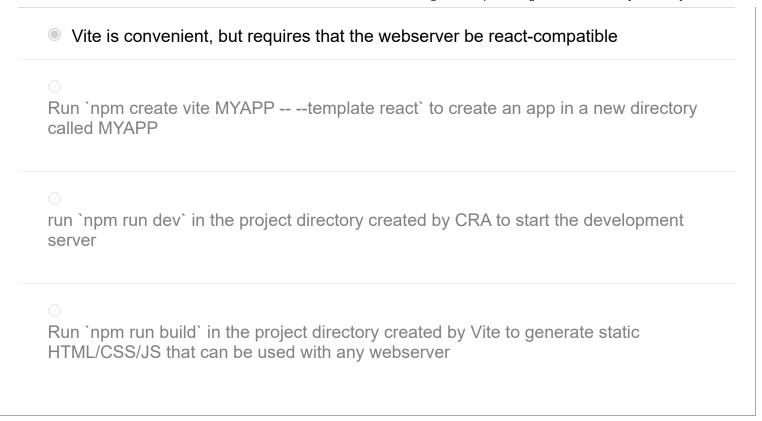
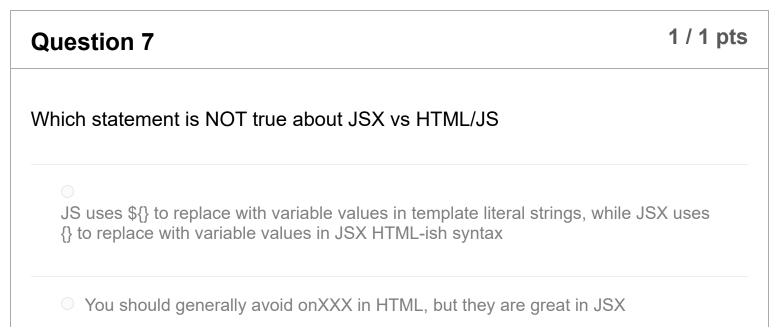## Question 4

1 / 1 pts

What does `useState()` return?

- ○ the default value for a state variable

- ○ Two values, the previous state and the new state

Correct!

- ◉ An array of two elements - a state value and a setter function

○ An object of state values

Question 5

1 / 1 pts

Which statement is NOT true about calling a setter function for a state value

Correct!

◉ Only one useState() can appear per component

○ The component using this state value will rerender at the next opportunity

○ The value for this state variable will be the passed value the next time that useState() is called

○ The setter function can accept any JS value (strings, numbers, arrays, objects, etc)

Question 6

1 / 1 pts

Which statement is NOT true about Vite as described in class?

Correct!

◉ Vite is convenient, but requires that the webserver be react-compatible

○ Run `npm create vite MYAPP -- --template react` to create an app in a new directory called MYAPP

○ run `npm run dev` in the project directory created by CRA to start the development server

○ Run `npm run build` in the project directory created by Vite to generate static HTML/CSS/JS that can be used with any webserver

Question 7   1 / 1 pts

Which statement is NOT true about JSX vs HTML/JS

○ JS uses ${} to replace with variable values in template literal strings, while JSX uses {} to replace with variable values in JSX HTML-ish syntax

○ You should generally avoid onXXX in HTML, but they are great in JSX

Correct!

○ JSX can insert lists of strings into HTML, while JS requires they be join()ed into one string, but both need you to explicitly set innerHTML.

○ HTML uses `class="XXX"` while JSX uses `className="XXX"`

Question 8

1 / 1 pts

Which statement is most true about Components and the file(s) they are in

○ The component filename should be kebab-case of the component name

Correct!

○ You should have only one component per JSX file until you understand the pros/cons of doing it differently

○ You should only have exactly one function per jsx file

○ You should always have exactly one component per JSX file, even outside of this course

Quiz Score: **8** out of 8