✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

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1. What is the Context API?   `1 / 1 point`

○ A way to change the execution context of a function in JavaScript.

◉ An alternative way to working with state in React.

> ✓ **Correct**
> Correct. Context API is used to work with state from a global store in react.

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2. When working with useState to keep state in a variable, you should not use array destructuring.   `1 / 1 point`

○ True

◉ False

> ✓ **Correct**
> Correct. You should always use array destructuring when working with useState.

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3. If a state variable is destructured from useState, and set to variable name of **user**, the name of the function to update the **user** state variable should be…   `1 / 1 point`

○ userSetter

○ useState

○ useUser

◉ setUser

> ✓ **Correct**
> That's correct! The convention is to name the state-setting function using the word "set" plus whatever the name of the state variable is, all written in camelCase.

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4. What does the concept of "lifting up state" entail?   `1 / 1 point`

◉ It involves moving the state from the child component to the parent component.

○ It involves moving the state from the parent component to the child component.

> ✓ **Correct**
> That's right! Lifting up state means moving state up from a child to the parent component.

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5. What is a negative result of lifting up state in a React app?   `1 / 1 point`

○ There are no negatives from lifting up state in React.

○ It can significantly increase the number of components that you need to create.

◉ Prop drilling.

> ✓ **Correct**
> That's correct. Lifting up state can sometimes lead to prop drilling, which lowers maintainability and modularity of a React app.