Your grade: 90%

Your latest: **90%** • Your highest: **90%** • To pass you need at least 80%. We keep your highest score.

Next item →

1. Which of the following code snippets will set the initial state of a component to contain two people, one with brown hair and brown eyes and the other with blond hair and blue eyes?

1 / 1 point

○

```
1   const [person, usePerson] = setState([
2     { hairColor: "brown", eyeColor: "brown" },
3     { hairColor: "blond", eyeColor: "blue" }
4   ]);
5
```

○

```
1   const {person, setPerson} = useState([
2     { hairColor: "brown", eyeColor: "brown" },
3     { hairColor: "blond", eyeColor: "blue" }
4   ]);
5
```

◉

```
1   const [person, setPerson] = useState([
2     { hairColor: "brown", eyeColor: "brown" },
3     { hairColor: "blond", eyeColor: "blue" }
4   ]);
5
```

○

```
1   const [person, setPerson] = useEffect([
2     { hairColor: "brown", eyeColor: "brown" },
3     { hairColor: "blond", eyeColor: "blue" }
4   ]);
5
```

✓ **Correct**
That's correct! The parameter passed in is an array containing two objects which both satisfy the requirements in the question.

2. Which type of destructuring is used when destructuring the `useState` hook?

1 / 1 point

◉ Array destructuring

○ JSON destructuring

○ Map destructuring

○ Object destructuring

✓ **Correct**
That's correct! The `useState` hook returns an array so we use array destructuring to get the state variable and the function which sets the state.

3. What is the type of data which is passed from a parent component to a child component?

1 / 1 point

○ state data

○ variable data

○ mutable data

◉ `props` data

✓ **Correct**
That's correct! `props` are passed from a parent to a child component, the child then does something with those `props`, whether it be updating what is rendered on the web page, or storing the data as state internally.

4. True or False: The `preventDefault()` method in React stops the default behavior of a new web page opening

1 / 1 point

when a form is submitted.

○ True

○ False

✓ **Correct**

That's correct! In HTML the default behavior is to open a new web page when a form is submitted. The `preventDefault()` method in React stops this so that forms can be handled in the React way.

5. When building an app locally you may want to mock the JSON data returned from an API call for testing purposes. Which one of the following would be the most appropriate way to do this?

1 / 1 point

○ Use a `.txt` file for the mocked data.

○ Use a `.xml` file for the mocked data.

● Use a `.json` file for the mocked data.

✓ **Correct**

That's correct! This will be the most practical approach for local development and testing.

6. What will be output if the following HTTP request fails?

1 / 1 point

```
1    fetch('https://example.com/api/data')
2      .then(response => console.log("Success"));
3
```

○ `Success`

● Nothing will be output.

○ `Fail`

✓ **Correct**

That's correct! There is no `catch` function defined for the resulting promise, therefore, nothing will be output.

7. What one of the following is a benefit of unit testing in React?

1 / 1 point

○ It speeds up the development process.

○ It ensures that the whole React app is working end to end.

○ It guarantees that the application will have no bugs.

● It helps ensure that individual components work as expected.

✓ **Correct**

That's correct. Unit testing helps ensure that individual components work as expected by testing their behavior and output under different conditions.

8. What is this code in JavaScript:

0 / 1 point

`/Make Your Reservation/?`

○ RegExp object literal

● A string literal

○ An array literal

✗ **Incorrect**

Not quite. Please review the reading [Recap: Form validation](#) ↗.

9. How many major elements are outlined by the WCAG (Web Content Accessibility Guidelines) for designing accessible websites?

1 / 1 point

○ three

○ six

○ five

● four

✓ **Correct**

That's correct! The four major elements are perceivable, operable, understandable and robust.

10. When importing the `useState` hook the common practice is to use object destructuring. If object destructuring was not used, and all we had was the code snippet below, how could the `useState` hook still be used?

```
import React from "react";
```

○ It could not be used

○ `useState`

○ `React.get(useState)`

◉ `React.useState`

✓ **Correct**
That's correct! The `useState` hook is part of the imported React library, and thus can be accessed using dot notation.