

✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

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1. Why should you never call hooks inside a nested function in react?

1 / 1 point

- ☐ To avoid unnecessary re-renders of the component
- ☐ To prevent memory leaks
- ☒ Because hooks can only be called from the top level of a function component
- ☐ To ensure that the component updates correctly

✓ Correct

That's correct. Hooks must be called at the top level of a function component, and not inside a nested function. This is because hooks rely on the order in which they are called to determine the state of a component. If hooks are called inside a nested function, the order in which they are called may not be consistent, leading to unexpected behavior.

2. True or false. The fetch function should be used inside the `componentDidMount` lifecycle method or `useEffect` hook.

1 / 1 point

- ☒ True
- ☐ False

✓ Correct

That's correct. The `componentDidMount` lifecycle method or the `useEffect` hook is the perfect place to use fetch calls to ensure the component doesn't render before the external API data is received to avoid issues with the component not rendering correctly or with missing data being displayed.

3. When you receive a HTTP response using the `fetch()` API, how do you parse the data into a JavaScript object?

1 / 1 point

- ☐ You should use the `JSON.parse()` method to parse the response data as a JSON object.
- ☒ You should use the `json()` method of the response object to parse the data as a JSON object.
- ☐ The `fetch()` API automatically parses the response data as a JSON object.
- ☐ You should use the `text()` method of the response object to parse the data as a JSON object

✓ Correct

That's correct. To parse the response data as a JSON object, you should use the `json()` method

of the response object.

4. Which of the following statements are true? Choose all that apply.

1 / 1 point

☒ You can load local JSON files in your React project

✓ **Correct**

That's correct. You can load local JSON files in the react project by simply importing them as you do for other JavaScript files.

☐ The `fetch()` API call cannot make DELETE request

☒ If the external API returns JSON data, you need to exclusively parse it in the `fetch()` API

✓ **Correct**

That's correct. You need to use the `json()` method of the response object to parse the data as a JSON object.

☐ You cannot make multiple `fetch()` calls in the `useEffect` hook

5. Complete the sentence: JSON is _____.

1 / 1 point

☐ Only a data exchange format

☐ Only a file format

☒ A file format and a data exchange format

✓ **Correct**

That's correct. JSON is both a file and data exchange format.