✓ **Congratulations! You passed!**

Grade received 100%   To pass 80% or higher

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1. Imagine you have to log into the console a state variable, whenever the variable gets updated. What's the best place to perform such operation in a React component?   **1/1 point**

   ○ Before the return statement of the component

   ⦿ the useEffect hook

   > ✓ **Correct**
   > Correct! All side effects should be inside the useEffect hook.

2. The `useEffect` hook accepts...   **1/1 point**

   ○ a callback function and an object

   ○ two callback functions

   ⦿ a callback function and an array

   > ✓ **Correct**
   > That's correct! The `useEffect` hook accepts a callback function and an array.

3. What is a pure React component?   **1/1 point**

   ⦿ A component that doesn't have any side effects

   ○ A component that has at least one side effect

   > ✓ **Correct**
   > Correct. A pure component doesn't present any side effects

4. What is the name of the second argument of the `useEffect()` call?   **1/1 point**

   ⦿ the dependency array

   ○ the callback function

   ○ the destructured object

   ○ the dependencies object

   > ✓ **Correct**
   > Correct! The name of the second argument is the dependency array.

5. This code is incomplete: **1/1 point**

```
1    React.useEffect(()=> {
2      console.log('The value of the toggle variable is',toggle)
3    }, [])
```

You need to update the dependecies array so that the `useEffect` hook is invoked whenever the toggle variable updates. Choose the correct solution from the choices below.

◉ The dependencies array should receive the toggle variable as its single member.

◯ The dependencies array should be removed.

◯ The dependencies array should be updated to: `[{toggle}]`.

◯ The dependencies array should be replaced with: `{toggle}`.

✓ **Correct**

Correct. The dependencies array should receive the toggle variable as its single member: `[toggle]`.