

✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

[Go to next item](#)

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 array
- ☐ two callback functions
- ☐ a callback function and an object

✓ 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 dependencies 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]`.