**Why we can not write onClick={update()}**

In JavaScript and React, when you use `onClick={update()}`, it means that the `update` function is immediately invoked when the component renders. This is not what you typically want for event handlers in React.

When you use `onClick={update}`, you are passing a reference to the `update` function, and it will be called only when the actual click event occurs. This is the correct way to set up event handlers in React.

If you use `onClick={update()}`, it results in the function being called immediately when the component renders, which is not the intended behavior for handling a click event. This is why it's important to omit the parentheses when passing a function as a handler to events in React.

**Note** : It is similar to the reason why we cannot write onClick(setState());