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***REPORT #: W:6,D:3***

***TASK TITLE State with useState, Event Handling***

### ⚛️ React: useState & Event Handling

These concepts are essential for building **interactive** React applications.

**📦 1. useState Hook**

* **Use**: Add and manage **state** (data that changes) in functional components.
* **Import from React**:

import { useState } from "react";

**✅ Example:**

function Counter() {

const [count, setCount] = useState(0);

return (

<div>

<p>Count: {count}</p>

<button onClick={() => setCount(count + 1)}>Increase</button>

</div>

);

}

**🖱️ 2. Event Handling**

* **Use**: Handle user actions like clicks, typing, etc.
* Use **camelCase** syntax and pass a function.

**✅ Example:**

function ClickMe() {

function handleClick() {

alert("Button clicked!");

}

return <button onClick={handleClick}>Click Me</button>;

}