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

***TASK TITLE useEffect Hook (basic usage)***

### ⚛️ React: useEffect Hook (Basic Usage)

The **useEffect** hook lets you perform **side effects** in functional components, such as:

* Fetching data
* Updating the DOM
* Setting up timers

**🧠 Basic Syntax:**

import { useEffect } from "react";

useEffect(() => {

// Code to run (side effect)

}, []);

* The **first argument** is a function to run.
* The **second argument** is a dependency array ([]):
  + [] → runs **once** after component mounts.
  + [value] → runs whenever value changes.

**✅ Example:**

import { useEffect, useState } from "react";

function Timer() {

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

useEffect(() => {

console.log("Component mounted or updated");

}, [count]);

return (

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

Count: {count}

</button>

);

}