main.jsx

import ReactDOM from "react-dom/client";

import App from "./App.jsx";

import "./index.css";

ReactDOM.createRoot(document.getElementById("root")).render(<App />);

APP.jsx

import { APIfetch } from "./APIfetch";

import "./App.css";

import Console from "./Console";

function App() {

return (

<>

<APIfetch />

<Console />

</>

);

}

export default App;

APIfetch.jsx

export function APIfetch() {

fetch("https://fakestoreapi.com/users")

.then((res) => res.json())

.then((data) => console.log(data))

.catch((error) => console.log(error));

return (

<div>

<h1>hello</h1>

</div>

);

}

console.jsx

import { useEffect } from "react";

function Console() {

console.log(1);

useEffect(() => {

console.log(2);

});

return (

<div>

<h1>Console</h1>

<h1>{console.log(3)}</h1>

</div>

);

}

export default Console;

// Side effects are not predictable because they are actions which are performed with the "outside world."

// Common side effects include:

// - Making a request to an API for data from a backend server

// - To interact with browser APIs (that is, to use document or window directly)

// - Using unpredictable timing functions like setTimeout or setInterval

// This is why useEffect exists: to provide a way to handle performing these side effects in what are otherwise pure React components.