WEEK7

App.js

import React, { useState } from "react";

import CurrencyConverter from "./CurrencyConverter";

function App() {

  const [count, setCount] = useState(1);

  const increment = () => {

    setCount(prev => prev + 1);

    sayHello();

  };

  const decrement = () => {

    setCount(prev => prev - 1);

  };

  const sayHello = () => {

    console.log("Hello! This is a static message.");

  };

  const sayWelcome = (msg) => {

    alert(msg);

  };

  const handleClick = () => {

    alert("I was clicked");

  };

  return (

    <div style={{ padding: "20px" }}>

      {/\* Display the count \*/}

      <div style={{ fontSize: "20px" }}>{count}</div>

      <button onClick={increment}>Increment</button>

      <button onClick={decrement} style={{ marginLeft: "10px" }}>

        Decrement

      </button>

      <br /><br />

      <button onClick={() => sayWelcome("welcome")}>Say welcome</button>

      <br /><br />

      <button onClick={handleClick}>Click on me</button>

      <br /><br />

      <CurrencyConverter />

    </div>

  );

}

export default App;

CurrencyConverter.js

// src/CurrencyConverter.js

import React, { useState } from "react";

function CurrencyConverter() {

  const [rupees, setRupees] = useState("");

  const handleSubmit = () => {

    if (rupees === "" || isNaN(rupees)) {

      alert("Please enter a valid amount.");

      return;

    }

    // Example conversion: INR to Euro (hardcoded rate)

    const euro = parseFloat(rupees) \* 80; // For example: 1 Euro = 80 INR

    alert(`Converting to Euro Amount is ${euro}`);

  };

  return (

    <div>

      <h2 style={{ color: "green" }}>Currency Convertor!!!</h2>

      <div>

        <label>Amount:</label>

        <input

          type="text"

          value={rupees}

          onChange={(e) => setRupees(e.target.value)}

          style={{ marginLeft: "10px" }}

        />

      </div>

      <br />

      <div>

        <label>Currency:</label>

        <textarea value="Euro" readOnly style={{ marginLeft: "10px" }} />

      </div>

      <br />

      <button onClick={handleSubmit}>Submit</button>

    </div>

  );

}

export default CurrencyConverter;

Index.js

// src/index.js

import React from "react";

import ReactDOM from "react-dom/client";

import App from "./App";

const root = ReactDOM.createRoot(document.getElementById("root"));

root.render(<App />);

