REACT JS HOLS

HANDS ON 11

import React, { useState } from 'react';

import './App.css';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

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

  // Increment function with multiple methods

  const handleIncrement = () => {

    setCount(prev => prev + 1);

    sayHello();

  };

  const sayHello = () => {

    alert("Hello! Member1");

  };

  const handleDecrement = () => {

    setCount(prev => prev - 1);

  };

  const sayWelcome = (message) => {

    alert(message);

  };

  const handleClick = (event) => {

    alert("I was clicked");

    console.log(event.type); // synthetic event

  };

  return (

    <div className="App">

      <div>{count}</div>

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

      <button onClick={handleDecrement}>Decrement</button>

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

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

      <hr />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

import React, { useState } from 'react';

const CurrencyConvertor = () => {

    const [amount, setAmount] = useState('');

    const [currency, setCurrency] = useState('');

    const [result, setResult] = useState(null);

    const handleSubmit = (e) => {

    e.preventDefault();

    // Assume 1 EUR = 90 INR for demo

    const euroRate = 90;

    // Convert Euros to Rupees (multiply)

    const converted = amount \* euroRate;

    alert(`Converting to ${currency} Amount is ${converted}`);

    //setResult(`₹${converted.toFixed(2)} Rupees`);

};

return (

    <div>

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

        <form onSubmit={handleSubmit}>

        <label>Amount: </label>

        <input

        type="text"

        value={amount}

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

        />

        <br />

        <label>Currency: </label>

        <input

        type="text"

        value={currency}

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

        />

        <br />

        <button type="submit">Submit</button>

    </form>

    {result && <p>Converted Amount: {result}</p>}

    </div>

    );

};

export default CurrencyConvertor;

OUTPUT

