**Hands\_On\_11(eventexamplesapp)**

**CurrencyConvertor.js**

import React, { useState } from 'react';

export default function CurrencyConvertor() {

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

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

const [converted, setConverted] = useState(null);

const conversionRates = {

EUR: 90, // 1 Euro = ₹90

USD: 83, // 1 USD = ₹83

GBP: 105, // 1 GBP = ₹105

JPY: 0.57 // 1 JPY = ₹0.57

};

const handleSubmit = (e) => {

e.preventDefault();

const rate = conversionRates[currency];

if (!rate || isNaN(amount)) return;

const result = (parseFloat(amount) / rate).toFixed(2);

setConverted(result);

};

return (

<div>

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

<form onSubmit={handleSubmit}>

<label>Amount (₹): </label>

<input

type="number"

value={amount}

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

required

/>

<br /><br />

<label>Currency: </label>

<select

value={currency}

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

>

<option value="EUR">Euro (EUR)</option>

<option value="USD">US Dollar (USD)</option>

<option value="GBP">British Pound (GBP)</option>

<option value="JPY">Japanese Yen (JPY)</option>

</select>

<br /><br />

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

</form>

{converted && (

<h3>

Converted Value: {converted} {currency}

</h3>

)}

</div>

);

}

**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 />);

**src/App.js**

import React, { useState } from 'react';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

const [counter, setCounter] = useState(0);

const handleIncrement = () => {

setCounter(prev => prev + 1);

sayHello();

};

const sayHello = () => {

console.log('Hello! Welcome to event handler demo.');

alert('Hello! You clicked the Increment button.');

};

const sayWelcome = (msg) => {

alert(msg);

};

const handleSyntheticEvent = (e) => {

console.log('Synthetic Event:', e);

alert('I was clicked!');

};

return (

<div style={{ padding: '20px', fontFamily: 'Arial' }}>

<h1>Event Examples App</h1>

<h2>Counter: {counter}</h2>

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

<button onClick={() => setCounter(prev => prev - 1)}>Decrement</button>

<hr />

<button onClick={() => sayWelcome('Welcome to React Event Handling!')}>Say Welcome</button>

<hr />

<button onClick={handleSyntheticEvent}>Click Me (Synthetic Event)</button>

<hr />

<CurrencyConvertor />

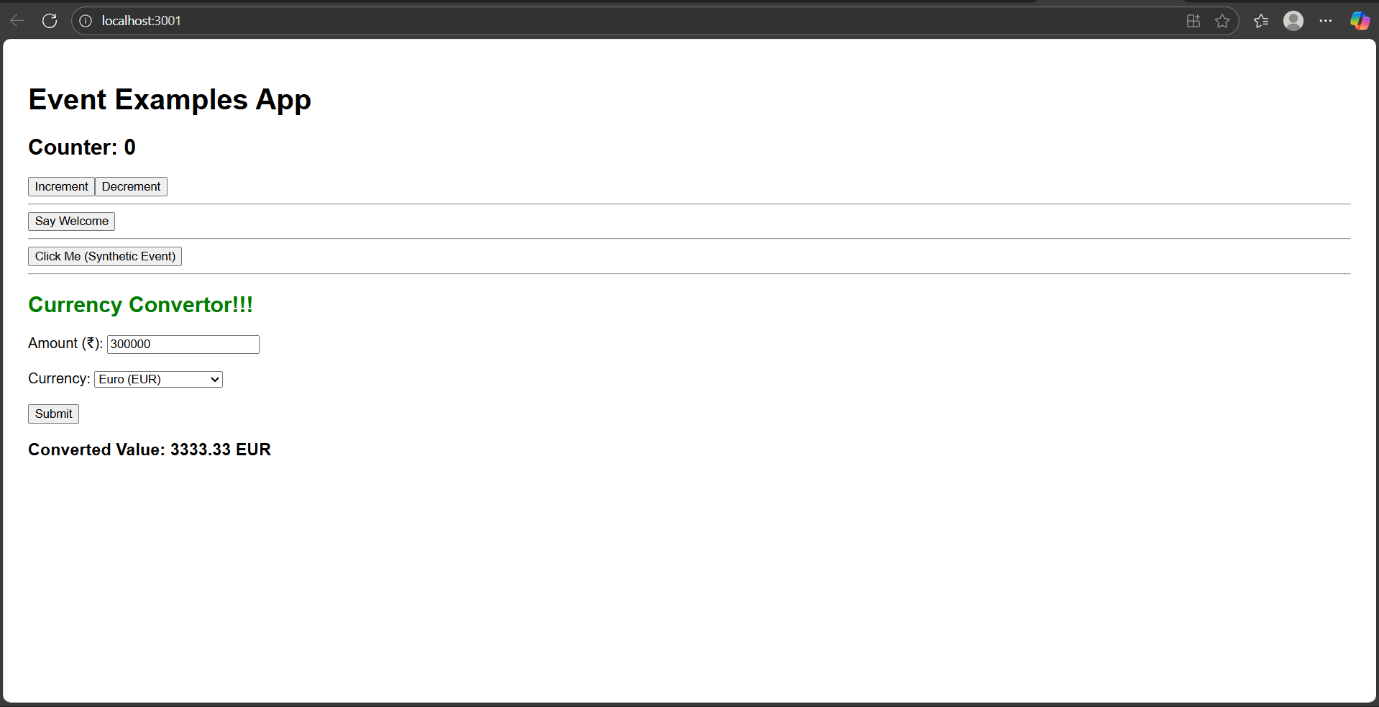
</div>

);

}

export default App;

**OUTPUT BROWSER:**

****