**Event Examples App**

**Counter.js:**

import React, { Component } from 'react';

class Counter extends Component {

constructor(props) {

super(props);

this.state = {

count: 0

};

}

increment = () => {

this.setState(prev => ({ count: prev.count + 1 }));

};

sayHello = () => {

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

};

handleIncrement = () => {

this.increment();

this.sayHello();

};

decrement = () => {

this.setState(prev => ({ count: prev.count - 1 }));

};

sayWelcome = (message) => {

alert(`Message: ${message}`);

};

handleClick = (e) => {

alert("I was clicked");

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

};

render() {

return (

<div style={{ padding: '20px', borderBottom: '2px solid black' }}>

<h2>Counter</h2>

<p>Value: {this.state.count}</p>

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

<button onClick={this.decrement}>Decrement</button><br /><br />

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

<button onClick={this.handleClick}>Synthetic Event (onClick)</button>

</div>

);

}

}

export default Counter;

**CurrencyConvertor.js:**

import React, { useState } from 'react';

const CurrencyConvertor = () => {

const [inr, setInr] = useState('');

const [euro, setEuro] = useState(null);

const handleSubmit = () => {

const rate = 0.011; // Example rate: 1 INR = 0.011 EUR

setEuro((parseFloat(inr) \* rate).toFixed(2));

};

return (

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

<h2>Currency Convertor (INR ➡️ EUR)</h2>

<input

type="number"

value={inr}

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

placeholder="Enter amount in INR"

/>

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

{euro && <p>Converted Amount: €{euro}</p>}

</div>

);

};

export default CurrencyConvertor;

**Changes in App.js:**

import React from 'react';

import Counter from './components/Counter';

import CurrencyConvertor from './components/CurrencyConvertor';

function App() {

return (

<div className="App">

<h1 style={{ textAlign: 'center', color: 'teal' }}>Event Examples App</h1>

<Counter />

<CurrencyConvertor />

</div>

);

}

export default App;

**Browser Output:**

