**Week – 7**

**REACT HANDS ON**

**11. ReactJS-HOL**

**INTRO :** This eventexampleapp is made in order to convert Indian currency to Euros.

**CODE:**

**UNDER COMPONENTS**

1. **CounterEvents.js**

import React, { useState } from "react";

const CounterEvents = () => {

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

const increment = () => {

setCount(count + 1);

};

const sayHello = () => {

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

};

const handleIncrease = () => {

increment();

sayHello();

};

const handleDecrease = () => {

setCount(count - 1);

};

return (

<div style={{ marginBottom: "20px" }}>

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

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

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

</div>

);

};

export default CounterEvents;

1. **SyntheticEventButton.js**

import React from "react";

const SyntheticEventButton = () => {

const handleClick = (event) => {

alert("I was clicked");

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

};

return (

<div style={{ marginBottom: "20px" }}>

<button onClick={handleClick}>Synthetic OnPress</button>

</div>

);

};

export default SyntheticEventButton;

1. **WelcomeButton.js**

import React from "react";

const WelcomeButton = () => {

const sayWelcome = (message) => {

alert(`Say ${message}`);

};

return (

<div style={{ marginBottom: "20px" }}>

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

</div>

);

};

export default WelcomeButton;

1. **CurrencyConverter.js**

import React, { useState } from "react";

const CurrencyConvertor = () => {

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

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

const handleSubmit = (e) => {

e.preventDefault();

const converted = (parseFloat(rupees) / 90).toFixed(2); // Assume 1 Euro = 90 INR

setEuro(converted);

};

return (

<div style={{ marginBottom: "20px" }}>

<h3>Currency Converter (INR ➡️ EUR)</h3>

<form onSubmit={handleSubmit}>

<input

type="number"

placeholder="Enter INR"

value={rupees}

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

/>

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

</form>

{euro && <p>{rupees} INR = {euro} EUR</p>}

</div>

);

};

export default CurrencyConvertor;

1. **App.js**

import React from "react";

import CounterEvents from "./Components/CounterEvents";

import WelcomeButton from "./Components/WelcomeButton";

import SyntheticEventButton from "./Components/SyntheticEventButton";

import CurrencyConvertor from "./Components/CurrencyConverter";

function App() {

return (

<div style={{ textAlign: "center", padding: "20px" }}>

<h1>Event Examples App</h1>

<CounterEvents />

<WelcomeButton />

<SyntheticEventButton />

<CurrencyConvertor />

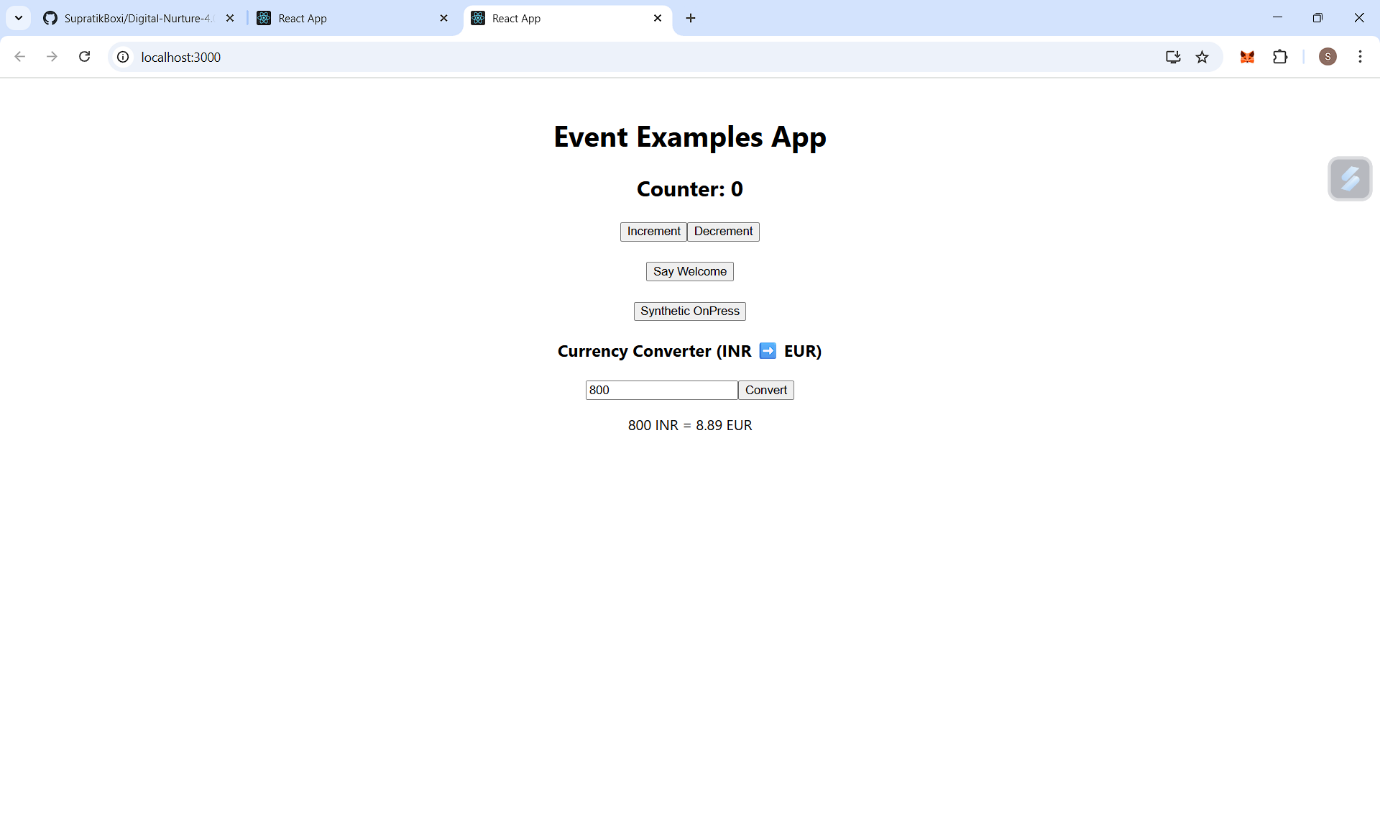
</div>

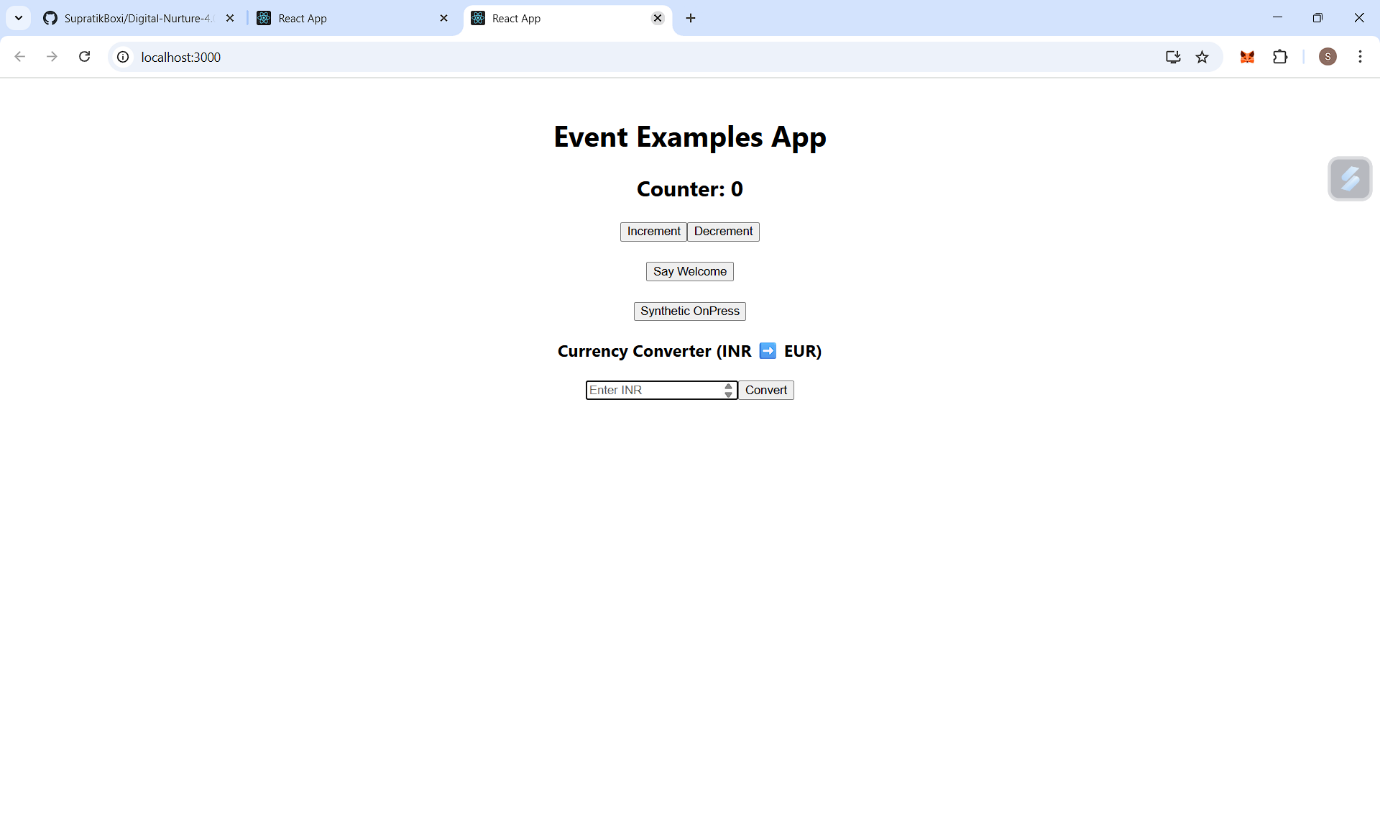
);

}

export default App;

**OUTPUT**

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