**11-REACTJS-HOL**

Create a React Application “eventexamplesapp” to handle various events of the form elements in HTML.

**Code:**

App.js  
  
import React from 'react';

import Counter from './components/Counter';

import Welcome from './components/Welcome';

import SyntheticEvent from './components/SyntheticEvent';

import CurrencyConvertor from './components/CurrencyConvertor';

function App() {

  return (

    <div *className*="App">

      <h1>Event Examples App</h1>

      <Counter />

      <hr />

      <Welcome />

      <hr />

      <SyntheticEvent />

      <hr />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

Counter.js  
  
import React from 'react';

import Counter from './components/Counter';

import Welcome from './components/Welcome';

import SyntheticEvent from './components/SyntheticEvent';

import CurrencyConvertor from './components/CurrencyConvertor';

function App() {

  return (

    <div *className*="App">

      <h1>Event Examples App</h1>

      <Counter />

      <hr />

      <Welcome />

      <hr />

      <SyntheticEvent />

      <hr />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

welcome.js  
import React from 'react';

function Welcome() {

  const sayMessage = (msg) => {

    alert(`Message: ${msg}`);

  };

  return (

    <div>

      <button *onClick*={() => sayMessage('Welcome')}>Say Welcome</button>

    </div>

  );

}

export default Welcome;

SynthenticEvent.js  
import React from 'react';

function SyntheticEvent() {

  const handleClick = (e) => {

    e.preventDefault();

    alert('I was clicked');

  };

  return (

    <div>

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

    </div>

  );

}

export default SyntheticEvent;

CurrencyConverter.js  
import React, { useState } from 'react';

function CurrencyConvertor() {

  const [inr, setInr] = useState('');

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

  const handleSubmit = () => {

    const result = (parseFloat(inr) / 90).toFixed(2); *// Example: 1 euro = ₹90*

    setEuro(result);

  };

  return (

    <div>

      <h3>Currency Convertor (INR → EUR)</h3>

      <input

*type*="number"

*placeholder*="Enter INR"

*value*={inr}

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

      />

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

      {euro && <p>€ {euro}</p>}

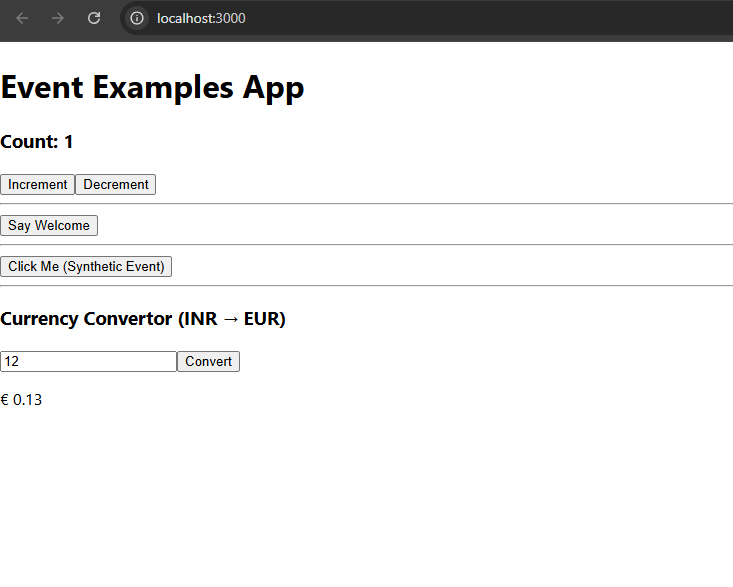
    </div>

  );

}

export default CurrencyConvertor;

**Output:**

****