import React, { Component } from 'react';

import CurrencyConvertor from './CurrencyConvertor.js';

class App extends Component {

  constructor(props) {

    super(props);

    this.state = {

      count: 0

    };}

  increment = () => {

    this.setState({ count: this.state.count + 1 });

    this.sayHello();};

  sayHello = () => {

    alert("Hello! Counter was increased.");};

  decrement = () => {

    this.setState({ count: this.state.count - 1 });};

  sayWelcome = (msg) => {

    alert(msg);};

  handleSyntheticEvent = (event) => {

    alert("I was clicked using a synthetic event!");

    console.log(event);};

  render() {

    return (

      <div style={{ textAlign: 'center', marginTop: '30px' }}>

        <h1>React Event Examples</h1>

        <h2>Counter: {this.state.count}</h2>

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

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

        <br /><br />

        <button onClick={() => this.sayWelcome("Welcome to React Events!")}>

          Say Welcome

        </button>

        <br /><br />

        <button onClick={this.handleSyntheticEvent}>

          Click Me (Synthetic Event)

        </button>

        <br /><br />

        <CurrencyConvertor />

      </div>

    );}}

export default App;

import React, { Component } from 'react';

class CurrencyConvertor extends Component {

  constructor(props) {

    super(props);

    this.state = {

      rupees: '',

      euros: ''

    };

  }

  handleInputChange = (e) => {

    this.setState({ rupees: e.target.value });

  };

  handleSubmit = () => {

    const euroRate = 0.011;

    const euros = (this.state.rupees \* euroRate).toFixed(2);

    this.setState({ euros });

  };

  render() {

    return (

      <div>

        <h2>Currency Converter</h2>

        <input

          type="number"

          value={this.state.rupees}

          onChange={this.handleInputChange}

          placeholder="Enter amount in INR"

        />

        <button onClick={this.handleSubmit} style={{ marginLeft: '10px' }}>

          Convert

        </button>

        {this.state.euros && (

          <p>Equivalent in Euros: €{this.state.euros}</p>

        )}

      </div>

    );

  }

}

export default CurrencyConvertor;

