import React, { Component } from 'react';

class App extends Component {

  constructor(props) {

    super(props);

    this.state = {

      count: 0,

      amount: '',

      currency: '',

    };

  }

  incrementCounter = () => {

    this.setState(

      (prevState) => ({ count: prevState.count + 1 }),

      () => {

        alert('Hello! Counter Increased!');

      }

    );

  };

  decrementCounter = () => {

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

  };

  sayWelcome = (message) => {

    alert(`Hello Member1\n${message}`);

  };

  handleClick = () => {

    alert('I was clicked');

  };

  // Currency Submit Handler

  handleSubmit = (event) => {

    event.preventDefault();

    const { amount, currency } = this.state;

    let result = 0;

    if (currency === 'Euro') {

      result = parseFloat(amount) \* 80;

      alert(`Converting to ${currency} Amount is ${result}`);

    } else if (currency === 'Rupee') {

      result = parseFloat(amount) / 80;

      alert(`Converting to ${currency} Amount is ${result}`);

    } else {

      alert('Please select a valid currency');

    }

  };

  // Handle input change

  handleChange = (event) => {

    const { name, value } = event.target;

    this.setState({ [name]: value });

  };

  render() {

    return (

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

        <h1>{this.state.count}</h1>

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

        <br />

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

        <br />

        <button onClick={() => this.sayWelcome('welcome')}>Say welcome</button>

        <br />

        <button onClick={this.handleClick}>Click on me</button>

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

        <form onSubmit={this.handleSubmit}>

          <div>

            <label>Amount:</label>

            <input

              type="text"

              name="amount"

              value={this.state.amount}

              onChange={this.handleChange}

            />

          </div>

          <div>

            <label>Currency:</label>

            <select

              name="currency"

              value={this.state.currency}

              onChange={this.handleChange}

            >

              <option value="">--Select--</option>

              <option value="Euro">Euro</option>

              <option value="Rupee">Rupee</option>

            </select>

          </div>

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

        </form>

      </div>

    );

  }

}

export default App;