import React, { useState } from 'react';

import CurrencyConvertor from './components/CurrencyConvertor';

import './App.css';

const App = () => {

const [counter, setCounter] = useState(0);

// Increment function with multiple methods

const handleIncrement = () => {

incrementValue();

sayHello();

};

const incrementValue = () => {

setCounter(prev => prev + 1);

};

const sayHello = () => {

console.log("Hello! This is an increment action.");

};

const handleDecrement = () => {

setCounter(prev => prev - 1);

};

const sayWelcome = (message) => {

alert(message);

};

const handlePress = (e) => {

alert("I was clicked");

};

return (

<div className="App">

<h1>Event Examples App</h1>

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

{/\* Increment button with multiple functions \*/}

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

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

<hr />

{/\* Button passing argument to function \*/}

<button onClick={() => sayWelcome("Welcome to the Event App!")}>Say Welcome</button>

<hr />

{/\* Synthetic event \*/}

<button onClick={handlePress}>OnPress</button>

<hr />

{/\* Currency Converter Component \*/}

<CurrencyConvertor />

</div>

);

};

export default App;

import React, { useState } from 'react';

const CurrencyConvertor = () => {

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

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

const handleSubmit = () => {

const rupeeValue = parseFloat(rupees);

if (!isNaN(rupeeValue)) {

const euroValue = (rupeeValue / 89.5).toFixed(2); // Assume conversion rate

setEuro(euroValue);

} else {

alert("Please enter a valid number.");

}

};

return (

<div>

<h2>Currency Converter</h2>

<input

type="number"

placeholder="Enter amount in INR"

value={rupees}

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

/>

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

{euro && <p>€ {euro}</p>}

</div>

);

};

export default CurrencyConvertor;

.App {

font-family: Arial, sans-serif;

padding: 20px;

}

button {

margin: 5px;

padding: 10px;

cursor: pointer;

}

input {

padding: 8px;

margin-right: 10px;

}

import React from 'react';

import ReactDOM from 'react-dom/client';

import App from './App';

const root = ReactDOM.createRoot(document.getElementById('root'));

root.render(<App />);

OUTPUT:

Event Examples App

Counter: 0

[Increment][Decrement]

[Say Welcome]

(Clicking shows alert: “Welcome to the Event App!”)

[OnPress]

(Clicking shows alert: “I was clicked”)

Currency Converter

Enter amount in INR:

[ 89500 ]

[Convert]

€ 1000.00