**ReactJS HOL 11**

[App.js](http://app.js)

import React from 'react';

//import './App.css';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

return (

<div className="App">

<Counter />

<WelcomeButton />

<SyntheticEventExample />

<CurrencyConvertor />

</div>

);

}

function Counter() {

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

const increment = () => {

setCount(count + 1);

sayHello();

};

const decrement = () => {

setCount(count - 1);

};

const sayHello = () => {

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

};

return (

<div>

<h2>{count}</h2>

<button onClick={increment}>Increment</button><br></br>

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

</div>

);

}

function WelcomeButton() {

const sayWelcome = (message) => {

alert(message);

};

return (

<div>

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

</div>

);

}

function SyntheticEventExample() {

const handleClick = () => {

alert("I was clicked");

};

return (

<div>

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

</div>

);

}

export default App;

[**CurrencyCalculator.js**](http://currencycalculator.js)

**import React, { useState } from 'react';**

**function CurrencyConvertor() {**

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

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

**const handleSubmit = () => {**

**const rate = 90; // 1 Euro = 90 INR**

**const converted = (parseFloat(rupees) / rate).toFixed(2);**

**setEuro(converted);**

**alert(`Converting ₹${rupees} to Euro. Amount is €${converted}`);**

**};**

**return (**

**<div>**

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

**<label>**

**Amount:**

**<input**

**type="number"**

**value={rupees}**

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

**placeholder="Enter amount in INR"**

**/>**

**</label>**

**<br />**

**<label>**

**Currency:**

**<input value="Euro" readOnly />**

**</label>**

**<br />**

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

**{euro && <p>Converted Amount: €{euro}</p>}**

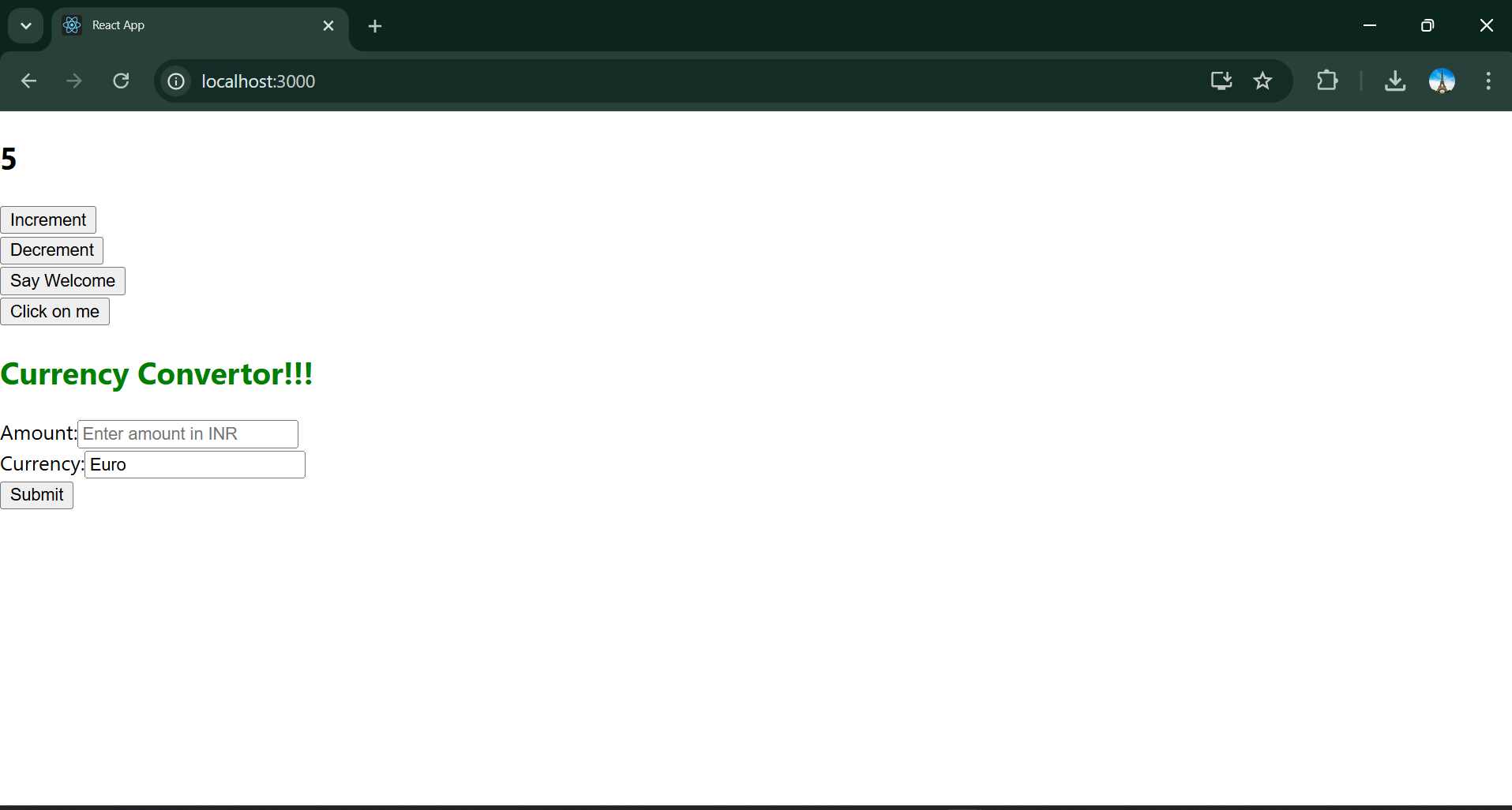
**</div>**

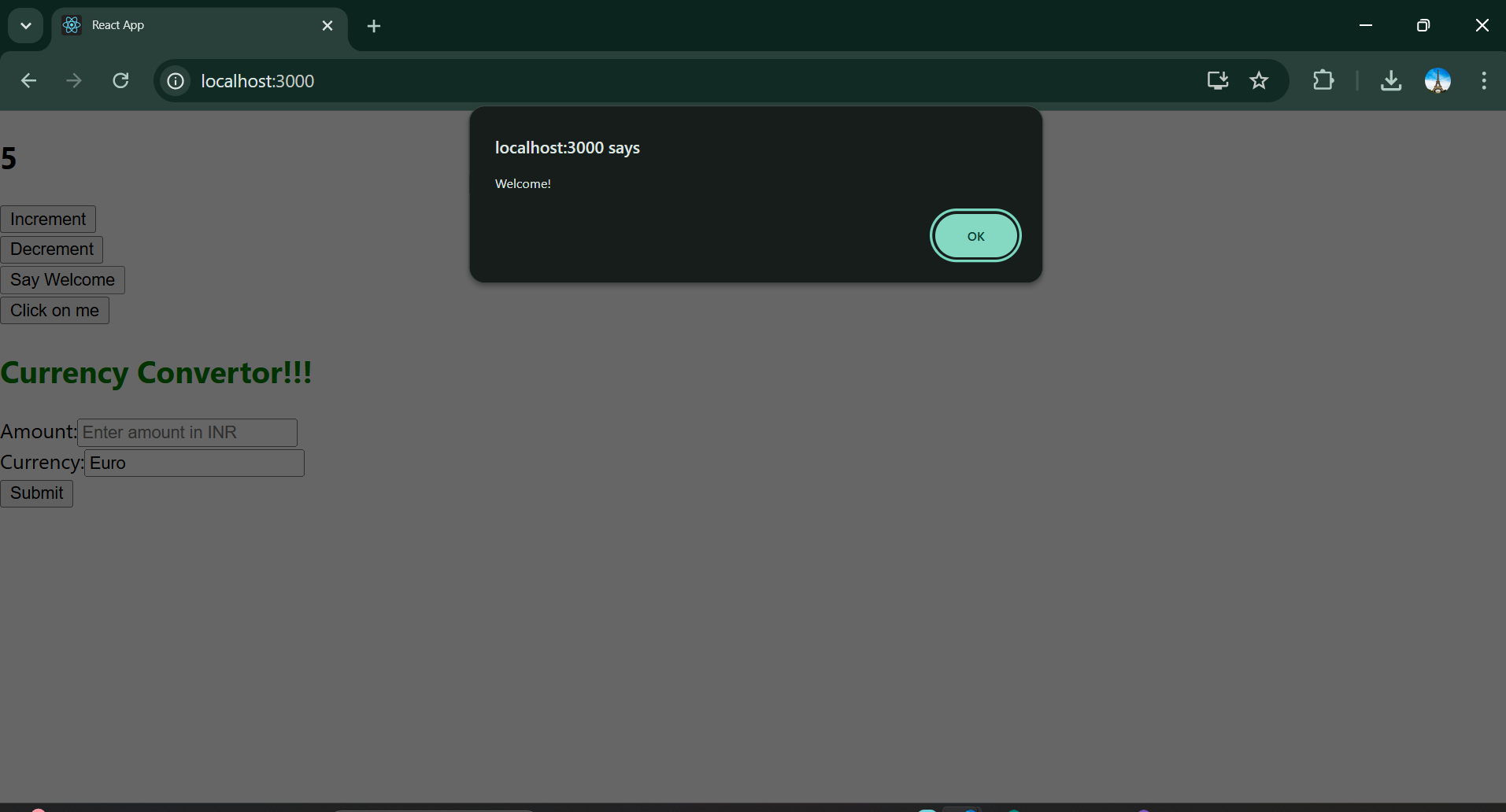
**);**

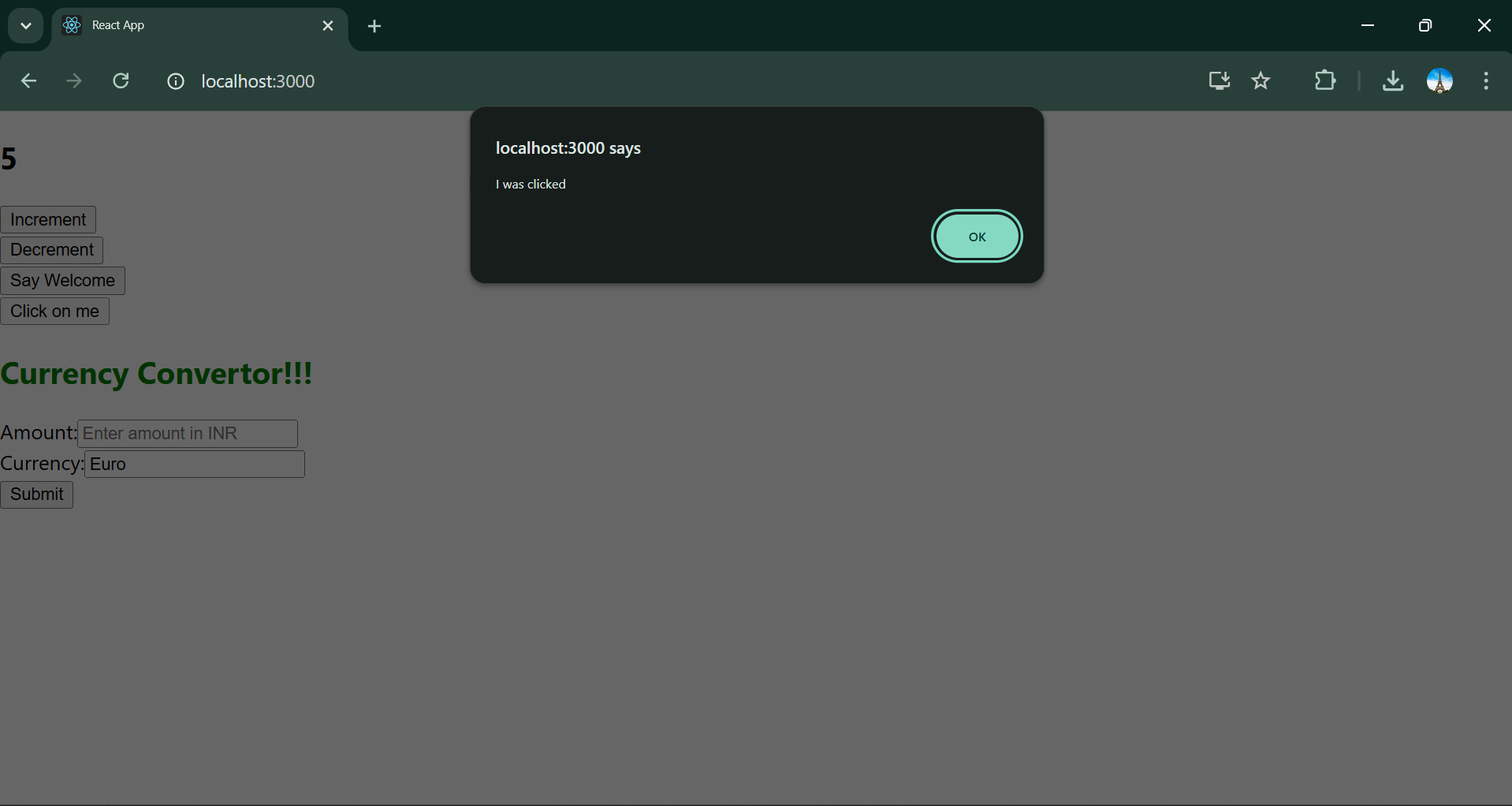
**}**

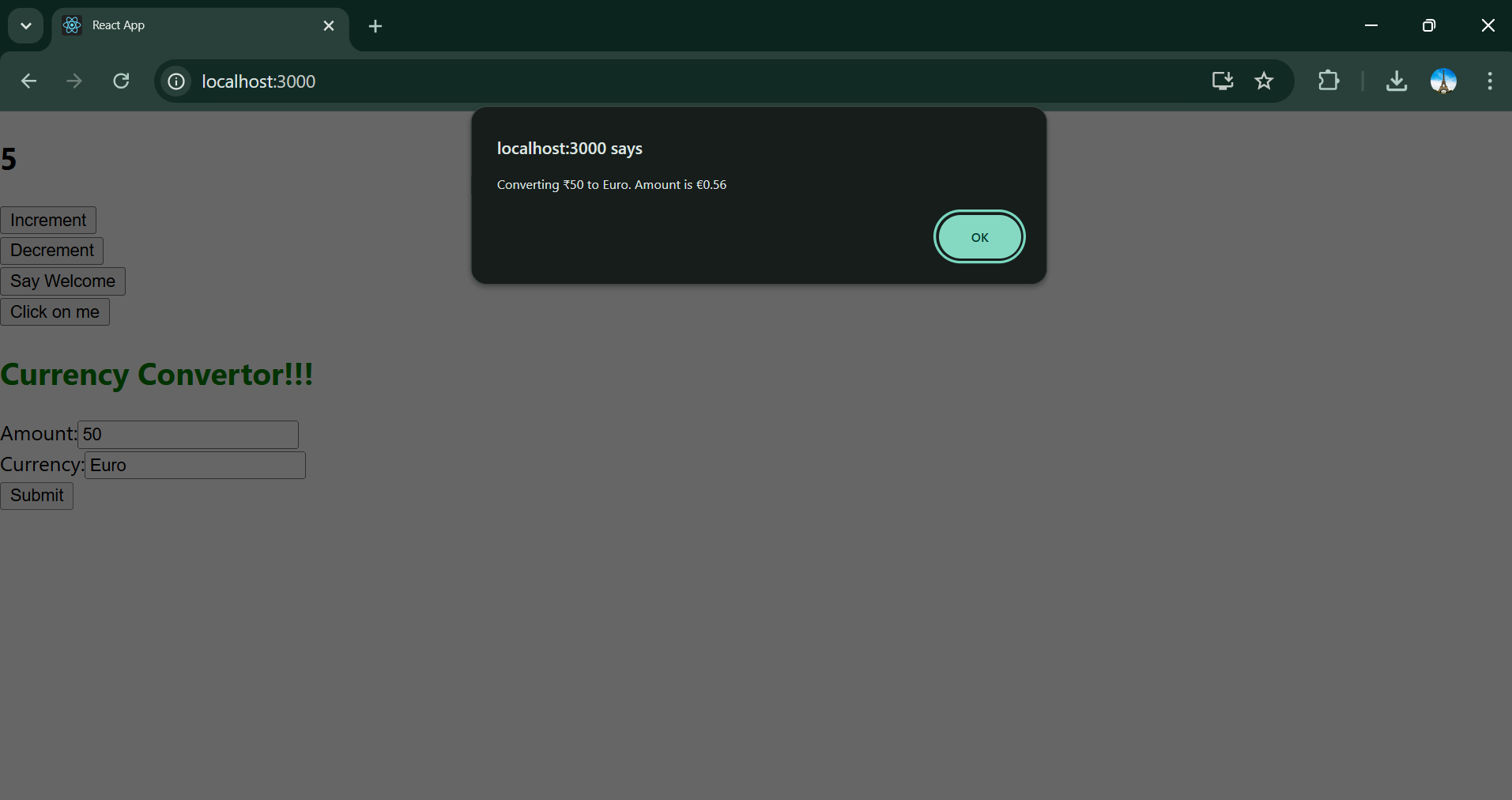
**export default CurrencyConvertor;**

**OUTPUT :**

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