**11. ReactJS-HOL**

**App.js**

import React, { useState } from 'react';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

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

  const handleIncrement = () => {

    setCount(count + 1);

    alert("Hello! Counter Incremented");

  };

  const handleDecrement = () => {

    setCount(count - 1);

  };

  const sayWelcome = (msg) => {

    alert(msg);

  };

  const onPress = () => {

    alert("I was clicked");

  };

  return (

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

      <h2>Counter Value: {count}</h2>

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

      <button onClick={handleDecrement} style={{ marginLeft: '10px' }}>Decrement</button>

      <br /><br />

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

      <br /><br />

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

      <br /><br />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

**CurrencyConvertor.js**

import React, { useState } from 'react';

function CurrencyConvertor() {

  const [amount, setAmount] = useState('');

  const [currency, setCurrency] = useState('');

  const handleSubmit = (event) => {

    event.preventDefault(); // Synthetic Event

    if (currency.toLowerCase() === 'euro') {

      const converted = parseFloat(amount) \* 0.011;

      alert(`Converting ${amount} Rupees to Euro: ${converted.toFixed(2)} €`);

    } else {

      alert("Unsupported currency");

    }

  };

  return (

    <div>

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

      <form onSubmit={handleSubmit}>

        <label>Amount: </label>

        <input

          type="number"

          value={amount}

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

        />

        <br />

        <label>Currency: </label>

        <input

          type="text"

          value={currency}

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

        />

        <br />

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

      </form>

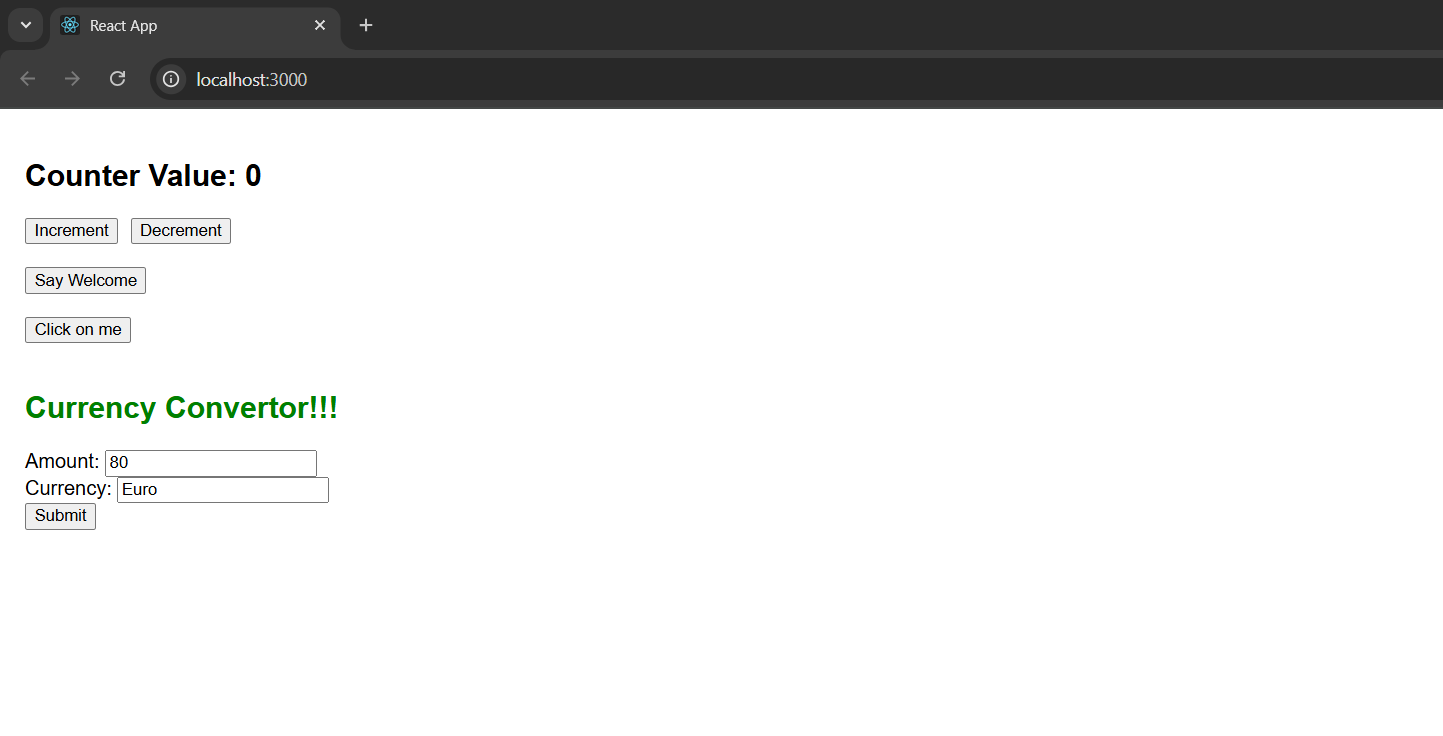
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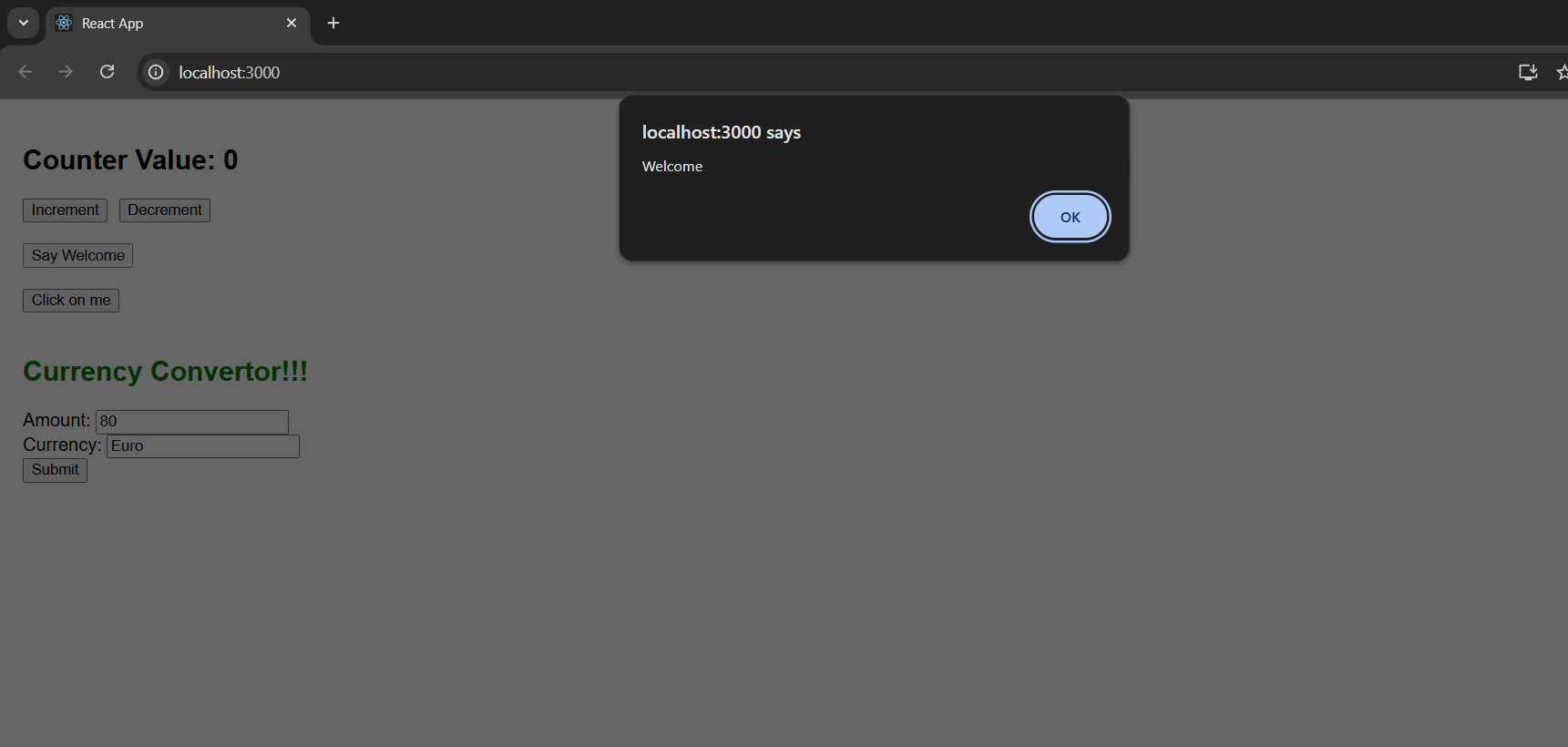
  );

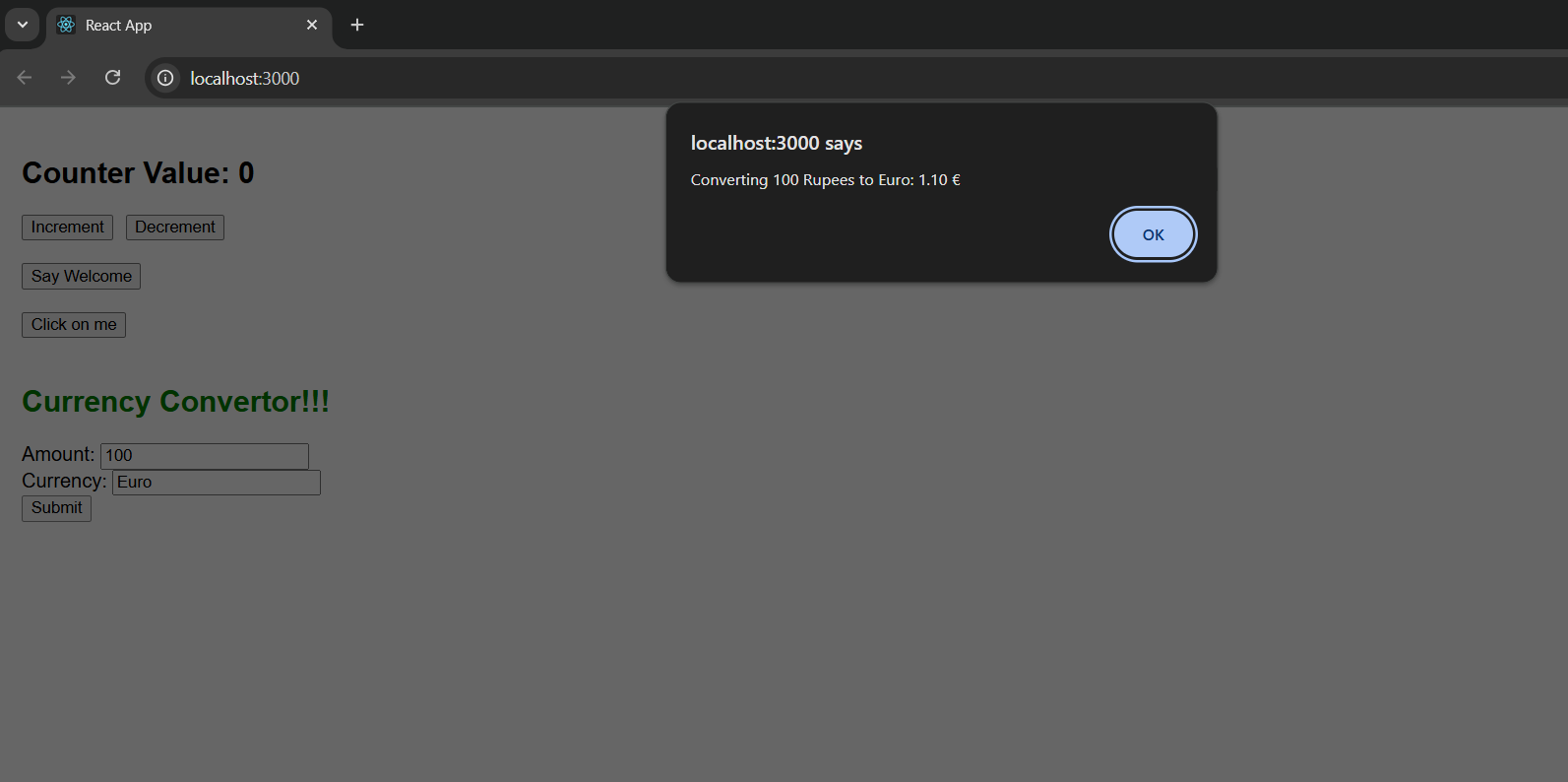
}

export default CurrencyConvertor;

**OUTPUT:**

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