**React Handson – 11**

**CODE:**

**App.jsx: -**

import { useState } from "react";

import CurrencyConvertor from "./CurrencyConvertor";

function App() {

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

  function incrementButtonFunction() {

    setCounter((prevCount) => (prevCount + 1));

    alert("Hello Member!")

  }

  function sayWelcomeFunction(message) {

    alert(message);

  }

  function onPressFunction(event) {

    alert(event.target.value);

  }

  return (

    <div>

      <h1>{counter}</h1>

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

      <br />

      <button onClick={() => setCounter((prevCount) => (prevCount - 1))}>Decrement</button>

      <br />

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

      <br />

      <button value="I was clicked" onClick={onPressFunction}>OnPress</button>

      <CurrencyConvertor />

    </div>

  );

}

export default App;

**CurrencyConverter.jsx: -**

import { useState } from 'react';

import './CurrencyConvertor.css';

const CurrencyConvertor = () => {

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

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

    const handleSubmit = () => {

        const numericAmount = parseFloat(amount);

        if (currency === 'Euro') {

            const rupeeValue = numericAmount \* 99.85;

            alert(`Converting to Rupee amount is ${rupeeValue}`);

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

            const euroValue = numericAmount \* 0.010;

            alert(`Converting to Euro amount is ${euroValue}`);

        } else {

            alert("Please enter either 'Euro' or 'Rupee' as currency.");

        }

    };

    return (

        <div className="container">

            <h1 className="heading">Currency Convertor!!!</h1>

            <form className="form">

                <label className="label">Amount:</label>

                <input

                    type="number"

                    value={amount}

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

                    className="input"

                />

                <br />

                <label className="label">Currency:</label>

                <textarea

                    rows="2"

                    cols="20"

                    value={currency}

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

                    className="textarea"

                ></textarea>

                <br />

                <button type="button" onClick={handleSubmit} className="submit-btn">

                    Submit

                </button>

            </form>

        </div>

    );

};

export default CurrencyConvertor;

**CurrencyConverter.css: -**

.container {

  margin-top: 50px;

}

.heading {

  color: green;

  margin-bottom: 20px;

}

.label {

  font-size: 16px;

}

.input,

.textarea {

  margin-left: 10px;

  margin-top: 5px;

  font-size: 14px;

}

.submit-btn {

  margin-left: 100px;

  padding: 5px 10px;

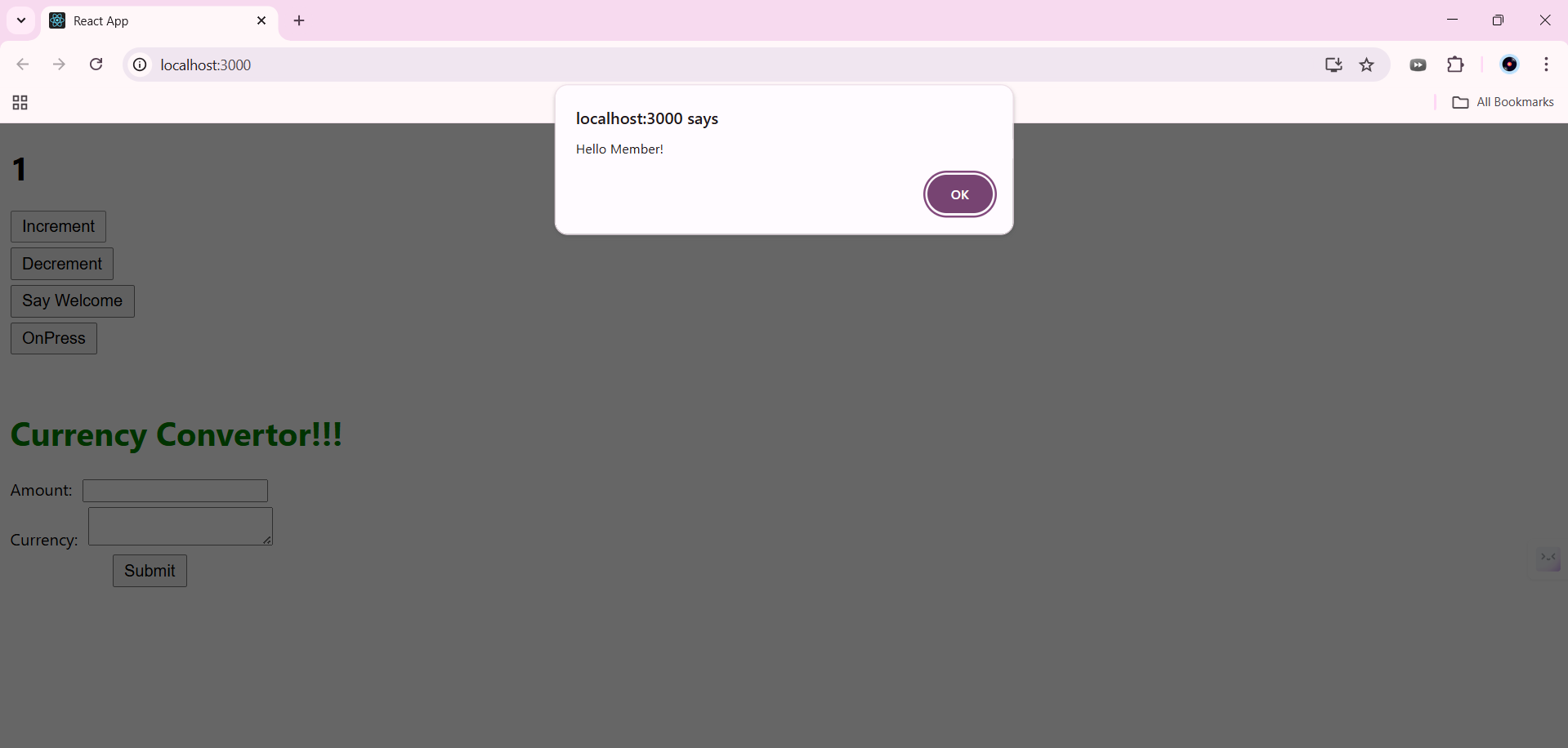
  font-size: 16px;

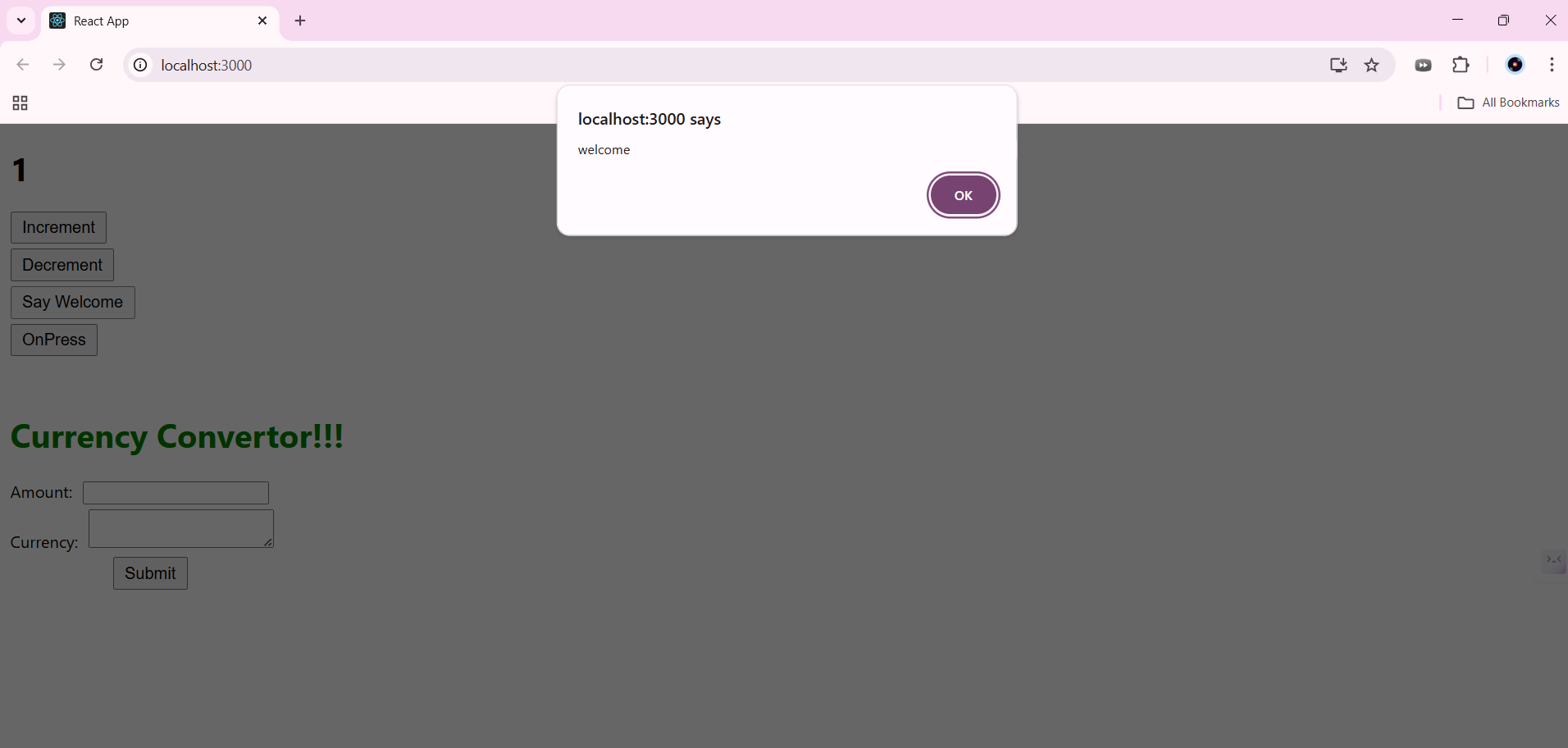
  margin-top: 5px;

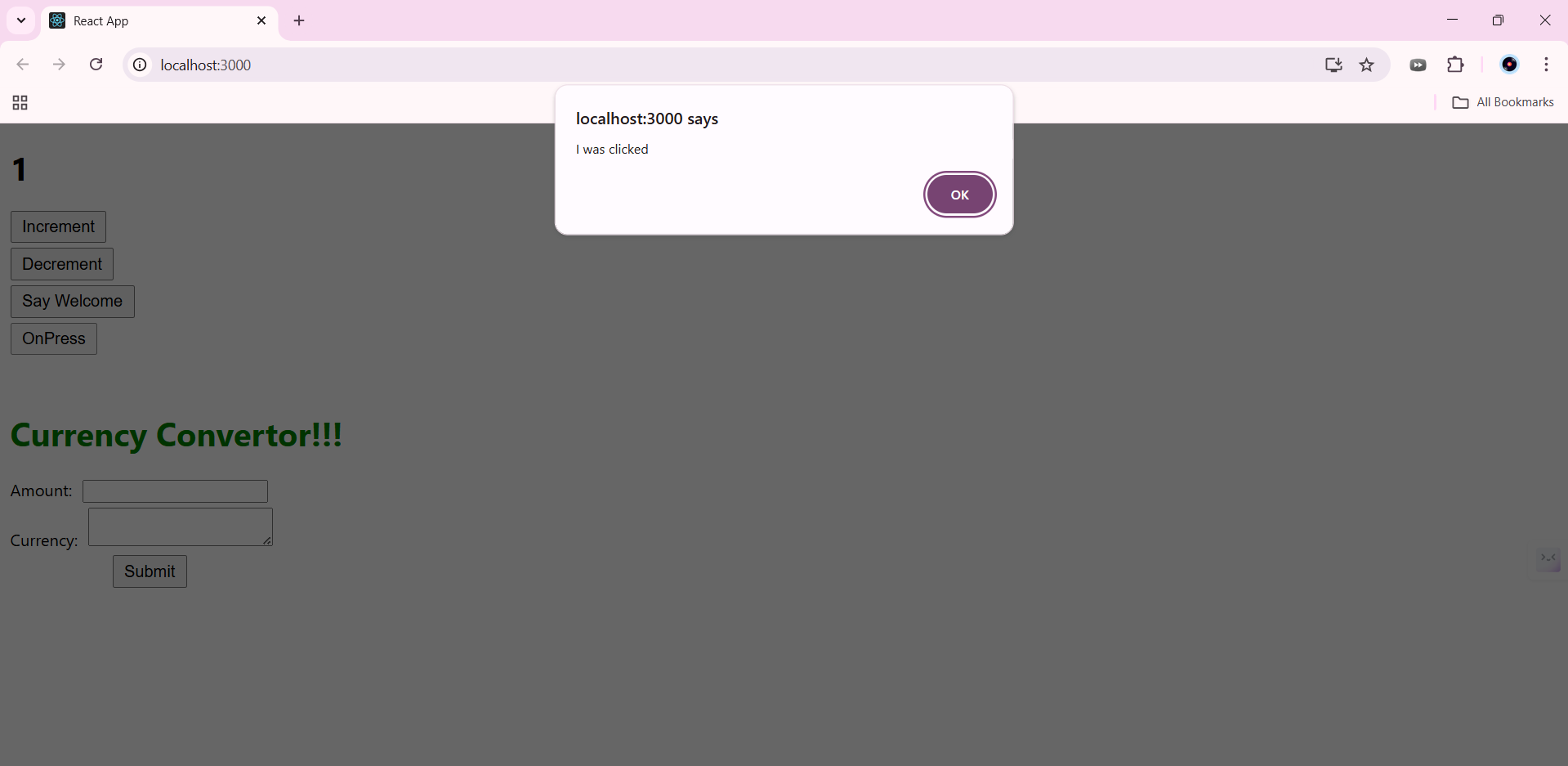
  cursor: pointer;

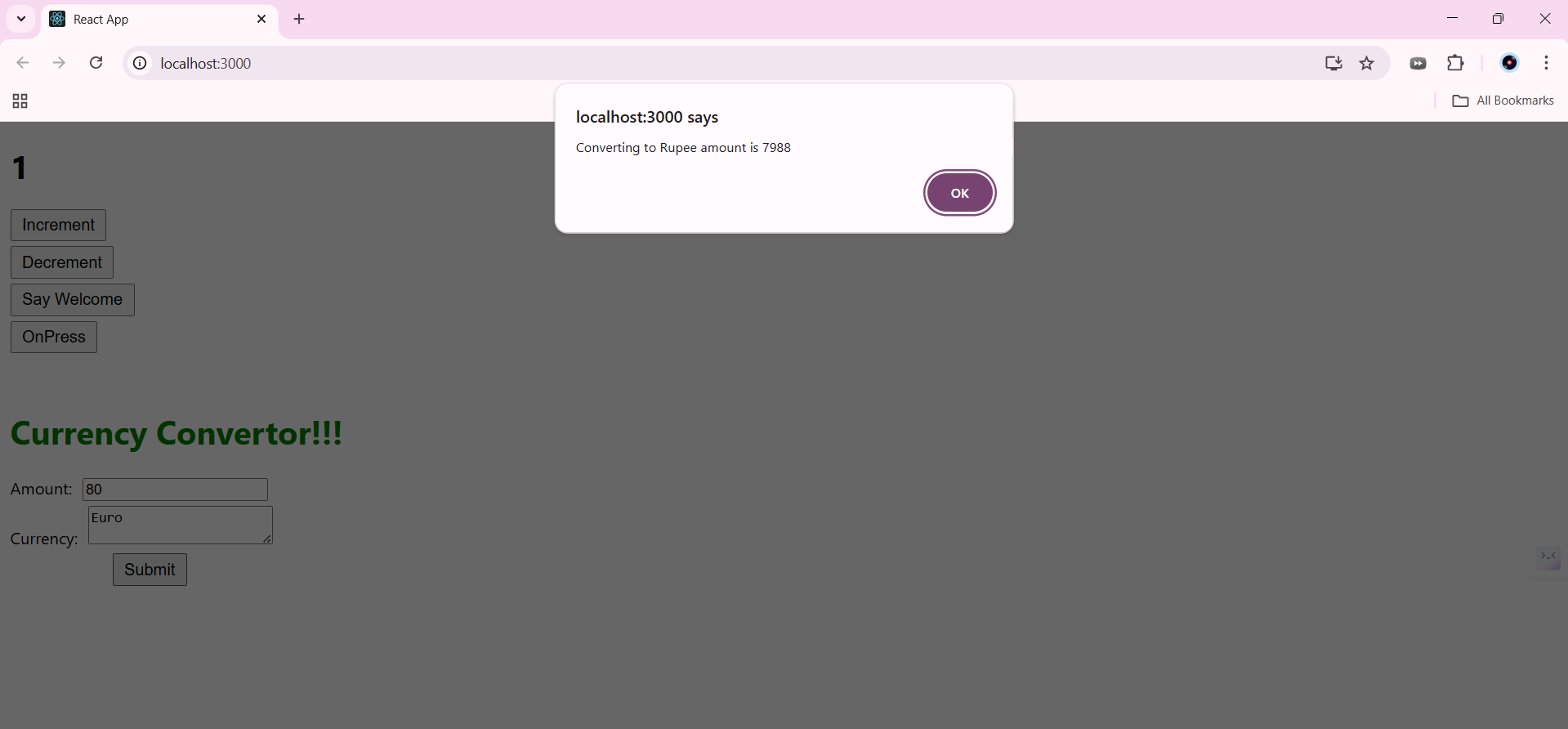
}

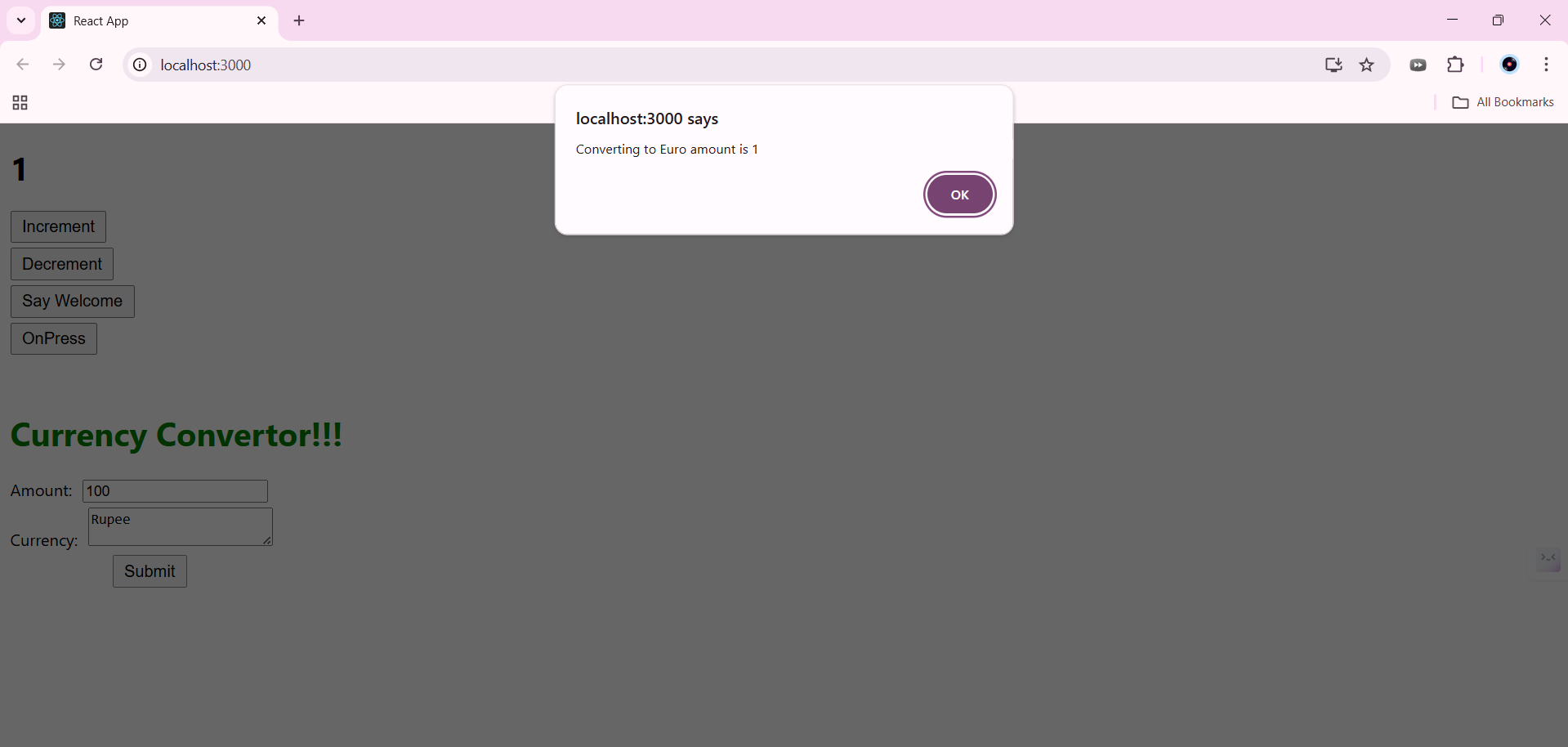
**OUTPUT:**

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