1. **React HandsOn-11**

**App.js**

import React, { useState } from 'react';

import './App.css';

import CurrencyConvertor from './CurrencyConvertor';

function App() {

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

  const increment = () => {

    sayHello();

    setCounter(prev => prev + 1);

  };

  const sayHello = () => {

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

  };

  const decrement = () => {

    setCounter(prev => prev - 1);

  };

  const sayWelcome = (message) => {

    alert(message);

  };

  const handlePress = (event) => {

    alert("I was clicked");

    console.log("Synthetic Event Type:", event.type);

  };

  return (

    <div className="App">

      <h1>Event Handling in React</h1>

      <p>Counter: {counter}</p>

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

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

      <br /><br />

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

      <br /><br />

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

      <br /><br />

      <CurrencyConvertor />

    </div>

  );

}

export default App;

**CurrencyConvertor.js**

import React, { useState } from 'react';

const CurrencyConvertor = () => {

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

  const [convertedAmount, setConvertedAmount] = useState(null);

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

  const conversionRates = {

    EUR: 0.011,

    USD: 0.012,

    GBP: 0.0095,

  };

  const handleSubmit = (e) => {

    e.preventDefault();

    const rate = conversionRates[currency];

    const result = parseFloat(rupees) \* rate;

    setConvertedAmount(result.toFixed(2));

  };

  return (

    <div>

      <h2>Currency Convertor</h2>

      <form onSubmit={handleSubmit}>

        <div>

          <label>

            INR:

            <input

              type="number"

              value={rupees}

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

              required

              style={{ marginLeft: '5px' }}

            />

          </label>

        </div>

        <div style={{ marginTop: '10px' }}>

          <label>

            Convert To:

            <select

              value={currency}

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

              style={{ marginLeft: '5px' }}

            >

              <option value="EUR">Euro (EUR)</option>

              <option value="USD">US Dollar (USD)</option>

              <option value="GBP">British Pound (GBP)</option>

            </select>

          </label>

        </div>

        <button type="submit" style={{ marginTop: '10px' }}>Convert</button>

      </form>

      {convertedAmount !== null && (

        <p>

          {currency}: {currency === 'EUR' ? '€' : currency === 'USD' ? '$' : '£'}{convertedAmount}

        </p>

      )}

    </div>

  );

};

export default CurrencyConvertor;

**OUTPUT**

**A screenshot of a computer screen

AI-generated content may be incorrect.**