WEEK 6 - 11) REACT JS - HANDS ON EXERCISES

1)Create a React Application "eventexamplesapp" to handle various events of the form elements in HTML.

App.js

```jsx
import React, { useState } from 'react';
import CurrencyConvertor from './CurrencyConvertor';
function App() {
  const [count, setCount] = useState(5);
  const sayHello = () => {
    alert("Hello Member!");
  };
  const handleIncrement = () => {
    setCount(count + 1);
    sayHello();
  };
  const handleDecrement = () => {
    setCount(count - 1);
  };
  const sayWelcome = (message) => {
    alert(message);
  };
  const handleSynthetic = (e) => {
    console.log(e);
    alert("I was clicked");
  };
  return (
    <div style={{ padding: '30px' }}>
      <h2>{count}</h2>
      <button onClick={handleIncrement}>Increment</button><br /><br />
      <button onClick={handleDecrement}>Decrement</button><br /><br />
      <button onClick={() => sayWelcome("welcome")}>Say
welcome</button><br /><br />
      <button onClick={handleSynthetic}>Click on me</button><br /><br />
      {/* ✅ Currency Convertor below */}
      <CurrencyConvertor />
    </div>
  );}
export default App;
```

CurrencyConverter.js

```jsx
import React, { useState } from 'react';
function CurrencyConvertor() {
  const [amount, setAmount] = useState('');
  const [currency, setCurrency] = useState('');

  const handleSubmit = (e) => {
    e.preventDefault();
    if (isNaN(amount) || amount.trim() === '') {
      alert("Please enter a valid number.");
      return;
    }
    const converted = parseFloat(amount) * 80;
    setCurrency("Euro");
    alert(`Converting to Euro Amount is ${converted}`);
  };
  return (
    <div style={{ marginTop: "30px" }}>
      <h2 style={{ color: "green" }}>Currency Convertor!!!</h2>
      <form onSubmit={handleSubmit}>
        <label>Amount: </label>
        <input
          type="text"
          value={amount}
          onChange={(e) => setAmount(e.target.value)}
        /><br /><br />
        <label>Currency: </label>
        <input
          type="text"
          value={currency}
          readOnly
        /><br /><br />
        <button type="submit">Submit</button>
      </form>
    </div>
  );
}
export default CurrencyConvertor;
```

OUTPUT :