

# EVENTEXAMPLE

## Counter.js:

// src/components/Counter.js

```
import React, { Component } from 'react';
```

```
class Counter extends Component {
```

```
  constructor(props) {
```

```
    super(props);
```

```
    this.state = {
```

```
      count: 0
```

```
    };
```

```
    // Binding if not using arrow functions
```

```
    this.sayHello = this.sayHello.bind(this);
```

```
    this.handleWelcome = this.handleWelcome.bind(this);
```

```
  }
```

```
  increment = () => {
```

```
    this.setState({ count: this.state.count + 1 });
```

```
  };
```

```
  sayHello() {
```

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

```
  }
```

```
  handleIncrement = () => {
```

```
    this.increment();
```

```
    this.sayHello();
```

```
  };
```

```
decrement = () => {  
  this.setState({ count: this.state.count - 1 });  
};
```

```
handleWelcome(message) {  
  alert(message);  
}
```

```
handleSyntheticEvent = (event) => {  
  // Synthetic Event object  
  console.log(event);  
  alert("I was clicked");  
};
```

```
render() {  
  return (  
    <div style={{ padding: '20px' }}>  
      <h2>Counter: {this.state.count}</h2>  
      <button onClick={this.handleIncrement}>Increase</button>&nbsp;  
      <button onClick={this.decrement}>Decrease</button>&nbsp;  
      <button onClick={() => this.handleWelcome("Welcome!")}>Say  
Welcome</button>&nbsp;  
      <button onClick={this.handleSyntheticEvent}>OnPress</button>  
    </div>  
  );  
}
```

```
export default Counter;
```

## CurrencyConvertor.js:

// src/components/CurrencyConvertor.js

```
import React, { Component } from 'react';
```

```
class CurrencyConvertor extends Component {  
  constructor(props) {  
    super(props);  
    this.state = {  
      rupees: "",  
      euro: ""  
    };  
  }  
}
```

```
  handleChange = (e) => {  
    this.setState({ rupees: e.target.value });  
  };
```

```
  handleSubmit = (e) => {  
    e.preventDefault();  
    const euroValue = (this.state.rupees / 88.5).toFixed(2); // Example conversion rate  
    this.setState({ euro: euroValue });  
  };
```

```
  render() {  
    return (  
      <div style={{ padding: '20px' }}>  
        <h2>Currency Convertor</h2>  
        <form onSubmit={this.handleSubmit}>  
          <input  
            type="number"
```

```

        placeholder="Enter amount in INR"
        value={this.state.rupees}
        onChange={this.handleChange}
      />
      &nbsp;
      <button type="submit">Convert</button>
    </form>
    <h3>Euro: €{this.state.euro}</h3>
  </div>
);
}
}

```

```
export default CurrencyConvertor;
```

## App.js:

```
// src/App.js
```

```

import React from 'react';
import Counter from './components/Counter';
import CurrencyConvertor from './components/CurrencyConvertor';

function App() {
  return (
    <div className="App">
      <h1 style={{ textAlign: 'center' }}>React Event Examples App</h1>
      <Counter />
      <CurrencyConvertor />
    </div>
  );
}

```

```
export default App;
```