

10.ReactJS-HOL

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

```
class CurrencyConvertor extends Component {
```

```
  constructor(props) {
```

```
    super(props);
```

```
    this.state = {
```

```
      amount: "",
```

```
      currency: "",
```

```
      count: 0
```

```
    };
```

```
  }
```

```
  handleAmountChange = (e) => {
```

```
    this.setState({ amount: e.target.value });
```

```
  };
```

```
  handleCurrencyChange = (e) => {
```

```
    this.setState({ currency: e.target.value });
```

```
  };
```

```
  handleSubmit = (e) => {
```

```
    e.preventDefault();
```

```
    // You can add conversion logic here
```

```
    alert(`Converted ${this.state.amount} INR to ${this.state.currency}`);
```

```
  };
```

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

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

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

```
sayWelcome = () => {  
  alert("Hello! Member1");  
};
```

```
handleClick = () => {  
  alert("You clicked the button!");  
};
```

```
render() {  
  return (  
    <div style={{ padding: "20px", fontFamily: "Arial" }}>  
      <h3>{this.state.count}</h3>  
      <button onClick={this.increment}>Increment</button><br /><br />  
      <button onClick={this.decrement}>Decrement</button><br /><br />  
      <button onClick={this.sayWelcome}>Say welcome</button><br /><br />  
      <button onClick={this.handleClick}>Click on me</button><br /><br />  
  
      <h1 style={{ color: "green" }}>Currency Convertor!!!</h1>  
  
      <form onSubmit={this.handleSubmit}>  
        <label>Amount:</label>
```

```

    <input
      type="text"
      value={this.state.amount}
      onChange={this.handleAmountChange}
    /><br /><br />

    <label>Currency:</label>

    <textarea
      value={this.state.currency}
      onChange={this.handleCurrencyChange}
    /><br /><br />

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

);
}
}

export default CurrencyConvertor;

import React from "react";
import CurrencyConvertor from "../CurrencyConvertor";

function App() {
  return (
    <div className="App">
      <CurrencyConvertor />
    </div>
  );
}

```

```
);  
}
```

export default App;

OUTPUT:





