# REACT

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## Fragments

can only return one node

```
function App() {
 return (
   React.Fragment>
   <NavBar/>
   </React.Fragment>
```



```
√ function App() {
   return (
     <NavBar/>
     </>
```

## **Class Based Components**

```
class App extends React Component {
 render() {
   return (
     I am a class based component
```

```
Class Component
     ccc
                                    Class Component With Constructor
     ccl
                                                      consoleClear
    CCO
                                                      consoleCount
    ☆ createContext
                                                            react
    [∅] caches
     cdc
                                                 componentDidCatch
    cpc
                                               Class Pure Component
    cancelAnimationFrame
    물 catch
    [Ø] CSSConditionRule
 cc Class Component (Simple React Snippets)
    class extends React.Component {
         render() {
LEMS
             return <div></div>;
```

#### Add Values

```
class App extends React Component {
   state = {name: "Software Tools"};
 render()({
   return (
     My Name is {this.state.name} 
export default App;
```

# Passing State

```
class App extends React.Component {
   state = {name: "Software Tools"};
   render() {
   return (
     <Passingvalues name={this.state.name} />
class Passingvalues extends React.Component {
 render() {
   if (this.props.name === "") {
     return (
       Hello!
   } else {
     return (
       Hello, {this.props.name}!
```

### While we are on state

```
import React, { useState } from "react";

const [number, setNumber] = useState();
```

```
return (
   <h1>Choose a number {number}!</h1>
   <but
     type="button"
     onClick={() => setNumber(6)}
   >6</button>
   <but
     type="button"
     onClick={() => setNumber(7)}
   >7</button>
   <but
     type="button"
     onClick={() => setNumber(8)}
   >8</button>
   <but
```

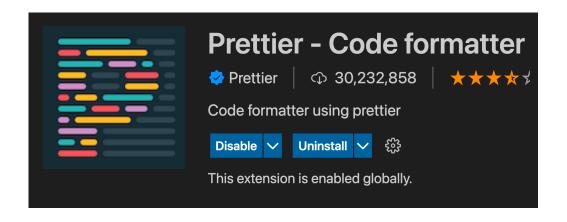
# Choose a number!

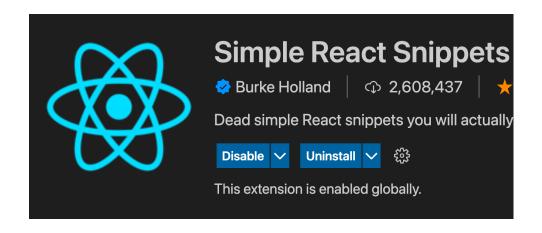
Choose a number 9!

6 7 8 9

6 7 8 9

#### **Useful VS Code Extensions**





Happy REACT - ing