REACT

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Fragments

```
function App() {
  return (
    <p></p>
    <NavBar/>        JSX expressions must have one parent element.

  );
}
```

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

```
function App() {
  return (
    <>
    <p></p>
    <NavBar/>
    </>
  );
}
```

Class Based Components

```
class App extends React.Component {
  render() {
    return (
      <p>I am a class based component</p>
    )
  }
}
```

```
                                                    .js

 cc                                  Class Component
orld
 //
 cl      ccc              Class Component With Constructor

         ccl                                  consoleClear

         cco                                  consoleCount

         createContext                               react

         caches

         cdc                            componentDidCatch

         cpc                           Class Pure Component

         cancelAnimationFrame

 }       catch

         CSSConditionRule

cc  Class Component (Simple React Snippets)            ✕


    class  extends React.Component {
        render() {
            return <div></div>;
EMS
        }
iled }
```

Add Values

```
class App extends React.Component {
    state = {name: "Software Tools"};


  render() {
    return (

      <p>My Name is {this.state.name} </p>

    )

  }

}
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 (
        <p>Hello!</p>
      )
    } else {
      return (
        <p>Hello, {this.props.name}!</p>
      )
    }
  }
```

While we are on state

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


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

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

Choose a number !

6 7 8 9

Choose a number 9!

6 7 8 9

Useful VS Code Extensions

Prettier - Code formatter

Prettier | 30,232,858 | ★★★★⯪

Code formatter using prettier

Disable | Uninstall

This extension is enabled globally.

Simple React Snippets

Burke Holland | 2,608,437 | ★

Dead simple React snippets you will actually

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Happy REACT - ing