When building an application with React, you build a bunch of independent, isolated and reusable components. Think of component as a simple function that you can call with some input and they render some output.

And as you can reuse functions, so

A class component comes with a render method that renders onto the screen. Export default is used to export only one object (function, variable, class) from the file. Only one default export per file is allowed.

Props in React

* Props are the short name for properties and are immutable.
* Any information that gets passed from one component to another is known as ‘props’.
* Props are passed to components via HTML attributes.
* The component receives the argument as a props object.
* To access that information we have to use the JSX expression **this.props**.

**State in React**

* The behavior of the app/component at a given moment in time is defined by the state.
* Components data will be stored in the component’s state.
* This state can be modified based on user action or other action.
* When a component state is changed, React will re-render the component to the browser.

export default is **used to export a single class, function or primitive from a script file**. The export can also be written as export default class HelloWorld extends React.Component { render() { return <p>Hello, world!</ p>; } }