**Understanding class based components**

class MyComponent extends React.Component {

constructor(props) {

super(props); // Call parent class constructor (if any)

this.state = { /\* initial state object \*/ };

}

// ... rest of the component methods

}

**Explanation:**

1. extends React.Component**:** This line establishes that your class inherits from the base React.Component class, which provides functionalities needed for React components.
2. constructor(props)**:** The constructor is a special method that is invoked when a new instance of the component is created.
   * + If your current component is called by any other component (Let’s say any parent component) with some props then, the props argument holds the properties passed down from the parent component,
3. In React class-based components, the super(props) call within the constructor serves two important purposes:

**1. Inheriting Properties from React.Component:**

* + - When you extend your class component from React.Component, you inherit various methods and functionalities from the base class i.e, React.Component .
    - These inherited functionalities include lifecycle methods like render, componentDidMount, etc., which are essential for building React components.
    - By calling super(props), you ensure that these **inherited properties are properly initialized** for your component instance.

**2. Receiving Props from Parent Components:**

* + - When a component is used within another component (called a parent component), the parent can pass data to the child component through **props**.
    - These props are essentially key-value pairs that hold the information the child component needs to function.
    - By calling super(props), your component **receives and stores the props object** passed down from its parent. This allows you to access those props within your component using the this.props property.

1. this.state = ...**:** This line is where you initialize the component's internal state. The object you assign to this.state defines the initial values for your state variables.

[Mount vs Render](https://reacttraining.com/blog/mount-vs-render)  : A must read