# React Constructor and Super Keyword

**Constructor:** Constructor is a method that is used to create and initialize an object created with a class and this must be unique within a particular class.

**Super:** Super is a keyword that is used to call the parent’s class method and data. It is used for the inheritance model of class.

Now let’s discuss why constructor and super in ReactJS are used and what their importance is.

Constructor:

* In ReactJS constructor is used for class components not for the functional component.
* It is used to initialize objects i.e, state in ReactJS.
* It is used to bind methods in ReactJS.
* It is used to read or access a parent’s property from a child’s component in ReactJS.
* There is no need for class until state variables are initialized based upon props.
* Constructor is essential whenever the need to access or generate local state.
* Constructor is used for binding event handlers that occur in components.

**Note: Constructor** runs before anything else in the class-based code in react.js to the life-cycle of the component.

Constructor code runs once, and only once, for the entire life-cycle of this component in react

**Super:**

* In ReactJS, it is used to access parent properties and methods from the child components.
* Super is reside always inside the constructor.
* Super is essential whenever the constructor is there in ReactJS.
* It is important to call super before the object initializes i.e, before using this.state in the constructor if it’s not there then the code gives a bug.

<https://www.geeksforgeeks.org/react-constructor-and-super-keyword/>

<https://www.freecodecamp.org/news/react-js-for-beginners-props-state-explained/>

<https://www.javatpoint.com/react-props>

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https://www.geeksforgeeks.org/reactjs-lifecycle-components/