What are the different Lifecycle methods in React?
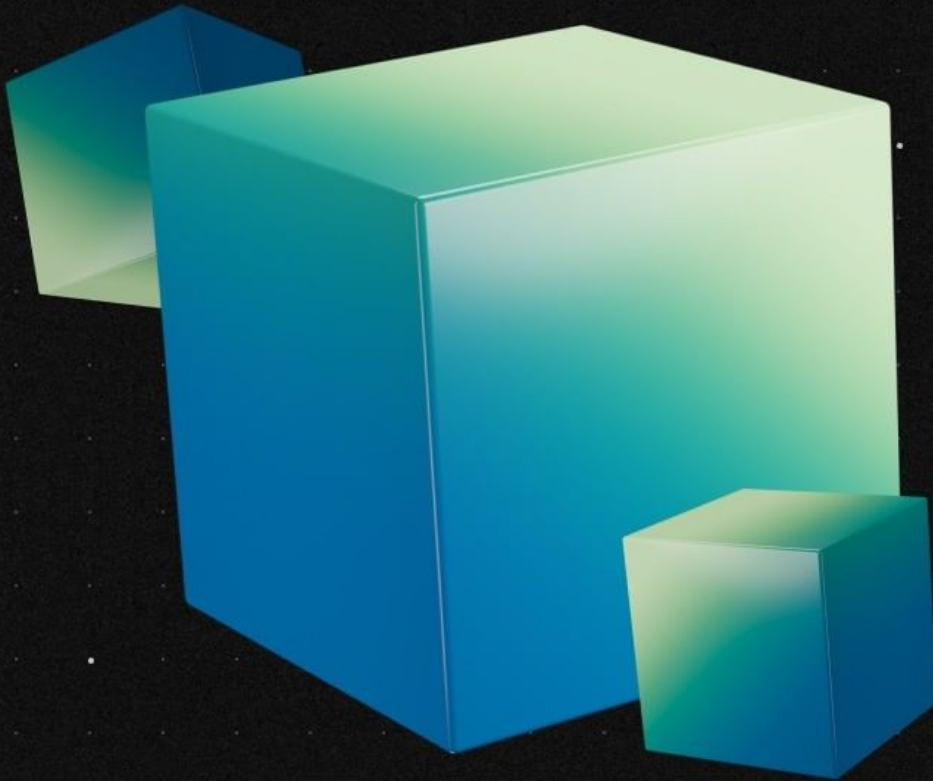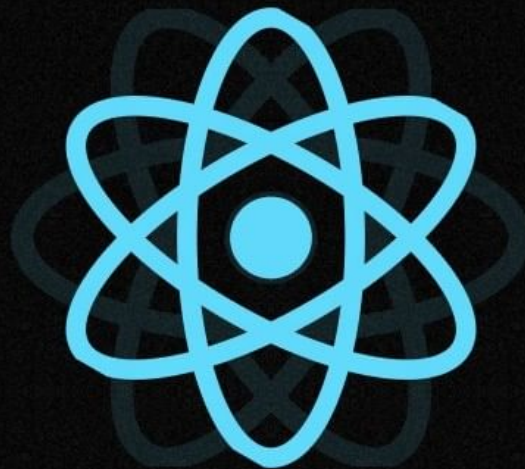
What are Lifecycle methods?

Each component has several "**lifecycle methods**" that you can override to run code at particular times in the process.

Mounting

constructor( ) – We can set the initial state of the component inside this method.

getDerivedStateFromProps( ) – This is called before rendering the elements in the DOM.
In this method, we can set the state of the component based on the props we received.

render( ) – This is the only required method in the class component. This method returns the HTML elements which are going to be rendered inside the DOM.

componentDidMount( ) – It is called right after the component is rendered inside the DOM. Network requests from a remote end-point can be instantiated in this method.

Updating

DerivedStateFromProps( ) - This method is called again when a component is being re-rendered.

shouldComponentUpdate( ) - This method is called before rendering the component when new props are received.

render( ) - To re-render the HTML inside the DOM, the render( ) method gets called again.

getSnapshotBeforeUpdate( ) - This method is called just before the newly rendered HTML gets committed to the DOM. It stores the previous state of the component so that React has an idea of what parts of the DOM needs to be updated.

componentDidUpdate( ) - It is called after the component gets re-rendered.

Unmounting

componentWillUnmount( ) – This method is called just before the component gets destroyed. Any clean up statements should be executed inside this method.

Do you find it helpful?

let me know down in the comments !

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