Day6: Destructuring props and Component state in react

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Destructuring props : ES6 feature used to unpack values from array or properties from objects

State

What Is 'State' in ReactJS? The state is a built-in React object that is used to contain data or information about the component. A component's state can change over time; whenever it changes, the component re-renders

State is similar to props, but it is private and fully controlled by the component.

Every state change component will re-render

Props vs State

Props	State
Props are read-only.	State changes can be asynchronous.
Props are immutable.	State is mutable.
Props allow you to pass data from one component to other components as an argument.	State holds information about the components.
Props can be accessed by the child component.	State cannot be accessed by child components.
Props are used to communicate between components.	States can be used for rendering dynamic changes within the component.
Props make components reusable.	State cannot make components reusable.
Props are external and controlled by whatever renders the component.	The State is internal and controlled by the React Component itself.

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