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1. What is the difference of state and props.

* Developers are familiar with state, but newbies to React are perplexed by the JSX syntax and properties, which are not covered by any other web framework. Properties are a type of data that can be passed from one component to another. Props are read-only and immutable and cannot be changed. Props allow components to communicate with one another, whereas state allows your app to do more than just show static content. Props are a JavaScript object that React components use as arbitrary input to create React elements. They allow data to flow between the various components. State is a JavaScript object that holds data that affects how the component appears at a given time. The second portion is what distinguishes the state from props. State is simply a snapshot of the app at a specific point in time. Every user interaction with your app could result in changes to the underlying state and, as a result, the entire UI. The state of a React component varies over time.