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BSIT32A2

MIDTERM EXAM

Essay (25 points):

1. What is the difference of state and props.

State represents exactly that, the internal state of the component. Since each instance of a component on the page gets an instance of the component class, each one gets its state. Implementation detail, a purely functional component still gets an instance, but that is managed entirely by React and hooks let you store state on, and manage the state of that instance. Props are short for properties. Properties (or props) are the things that are passed into the component from the outside, specifically typically from a parent component. Both props and state should be considered immutable, but the source of them is different.

- props are immutable (cannot be changed), while state is mutable.
- props are passed to component, while state is defined inside the component.