

Assessment - 3

1) Difference between props and state?

Props

State

* It is used to pass data

* It is used to manage the data

* Immutable

* Mutable

* Props make our component reusable

* state cannot make components reusable.

* Props are read only.

* State changes (argues)

2) What is setState(). Explain.

setState() enqueues changes to the component state and tells React that this component & its child need to be rendered with the updated state. This is the primary method use to update the user interface in response to event

handlers & server response.

The idea behind i.e. that in order to track changes in state & then re-render the component according to the changes you have to use `setState`, because after `setState`, the render function is triggered.

6) `setState()` is asynchronous or not? what is the proper way to update the state?

Yes, `setState()` is asynchronous.

To update our state, we use this `setState()` & pass in an object.