**NOTE 3B: STATE MANAGEMENT AND BEYOND**

**ADDING STATE TO A COMPONENT**

Q: What’s “state” vs “props”?

A:

1. Props refers to attributes from parents components

+) immutable “read-only” data

1. State: mutable data that ultimately affects what is rendered on the page

+) Managed internally by the component itself

+) Meant to change over time, commonly due to user input (ex: clicking on a button on the page)

Q: Example of a state

A:

class User extends React.Component {

state ={

username: ‘Bryan’

}

render(){

return(

<p> Username: {this.state.username}</p>

)

}

}

* Access the state attribute by “this.state.username”
* How the application looks (the app’s UI) is simply a function of the app’s state
* With React, I’m only concerned with 1) what state is in my app, 2) how does my UI change base off of that state?