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Web Development II

Exercise H

1. What is 'Component' in React?  
     
   React Component is a method/function that you build or import. There is the class based which is **class MyComponent extends React.Component{render()}.** Version 16 or older. The name must be capitalized.

The second version of a component is function based. **MyComponent = (props 0,1, or multiple) =>{return <div></div>}.** Inside the curly brackets is JSX. Which enables you to develop react components. You must return something and only have one top level tag and whatever your returning with multiple or single lower level tags inside of it.

1. What is the one naming restraint in creating 'Component'?  
     
   The naming constraint is that it must be capitalized. For both class based and function based this is the same constraint.
2. What are Component properties?  
     
   Component properties are the instructions that are passed in the component that tell the component what data is to be passed. They are essentially the parameters of functions from C based languages.
3. What is class-based Component in React? Give an example  
     
   The legacy version of react components:  
   **class MyComponent extends React.Component{render()}.** Version 16 or older.