**React JS Notes**

1. **Class base Component: -**

* React started with Class based component. There was nothing like functional component, hooks, useState, useEffect.
* Writing code in class base component was very messy, no clean code. Class base component code was very big as comparedto functional component.
* Render() 🡪 We cannot make a class based component without render() method.
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1. **Route: -**

* Nested Route 🡪 We can create nested route by Children of Children
* For children of children route we don’t give “/”. Example below:



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1. Why do we do super(props) ?
2. In a React class-based component, the **super(props)** method is used to call the constructor of the parent class (i.e., the **React.Component** class) and pass the props that were passed to the current component as an argument. This is necessary because the constructor of the parent class is responsible for initializing the component's state and props, and by calling **super(props)**, we ensure that this initialization is done before we start using the props in the child component's constructor.
3. It's also important to note that **super(props)** should be called before any other statement in the constructor because the **this** keyword can only be used after the parent class's constructor has been called.
4. Additionally, when the parent component pass the props and state to the child component, it's important to make sure that the child component can access those props and state. Calling **super(props)** makes it possible for the child component to access the props and state passed down from the parent component.
5. In summary, **super(props)** is used to call the constructor of the parent class, pass the props to the parent class, and ensure that the parent class has initialized the component's state and props before we start using them in the child component's constructor.
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