**Assignment**

* Is JSX mandatory for React?
* Is ES6 mandatory for React?
* {TitleComponent} vs {<TitleComponent/>} vs {<TitleComponent></TitleComponent>} in JSX
* How can I write comments in JSX?
* What is <React.Fragment></React.Fragment> and <></> ?
* What is Virtual DOM?
* What is Reconciliation in React?
* What is React Fiber?
* Why we need keys in React? When do we need keys in React?
* Can we use index as keys in React?
* What is props in React? Ways to
* What is a Config Driven UI ?

**Coding Assignment:**

* Build a Food Ordering App
  + Think of a cool name for your app
  + Build a AppLayout
  + Build a Header Component with Logo & Nav Items & Cart
  + Build a Body Component
    - Build RestaurantList Component
    - Build RestaurantCard Component
      * Use static data initially
      * Make your card dynamic(pass in props)
        + Props - passing arguments to a function - Use Destructuring & Spread operator
      * Render your cards with dynamic data of restaurants
      * Use Array.map to render all the restaurants

PS. Basically do everything that I did in the class, in the same sequence. Don't skip small things.

**References**

* Code Link: <https://bitbucket.org/namastedev/namaste-react-live/src/master/>
* React without JSX: <https://reactjs.org/docs/react-without-jsx.html>
* Virtual DOM: <https://reactjs.org/docs/faq-internals.html>
* Reconciliation: <https://reactjs.org/docs/reconciliation.html>
* React Fiber Architecture: <https://github.com/acdlite/react-fiber-architecture>
* React Without ES6: <https://reactjs.org/docs/react-without-es6.html>
* Index Keys as Anti-Pattern: <https://robinpokorny.com/blog/index-as-a-key-is-an-anti-pattern/>