

# 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