1. **What is JSX? Superpowers of JSX**

JSX is HTML like syntax. It is not HTML inside Javascript. JSX uses React.createElement (behind the scenes), which gives Object, and then into HTML, and it is put into DOM.

JSX => React.createElement => Object => HTML(DOM)

Babel does it. Babel converts JSX. JSX was developed by Facebook. Babel is must to use JSX.

1. **Role of type attribute in script tag? What options can I use there?**

The type attribute in the script tag tells us about the type of the script represented by the element: classic script, js module, import map, data block

1. **{****TitleComponent} vs { <TitleComponent /> } vs { <TitleComponent> <TitleComponent /> } in JSX**

*{TitleComponent}:* This value describes the TitleComponent as a javascript expression or a variable. The {} can embed a javascript expression or a variable inside it.

*<TitleComponent /> :* This value represents a Component that is basically returning Some JSX value. In simple terms TitleComponent a function that is returning a JSX value. A component is written inside the {< />} expression.

*<TitleComponent></TitleComponent> :*  <TitleComponent /> and <TitleComponent></TitleComponent> are equivalent only when < TitleComponent /> has no child components. The opening and closing tags are created to include the child components.