

Chapter 03 - Laying the Foundation

- JSX
- React.createElement vs JSX
- Benefits of JSX
- Behind the Scenes of JSX
- Babel & Parcel role in JSX
- Components
- Functional Components
 - Composing Components

Assignment :-

- What is JSX ?
- Superpowers of JSX
- Role of type attribute in script tag? What options can I use there?
- `{TitleComponent}` vs `{<TitleComponent />}` vs `{<TitleComponent></TitleComponent>}`

Coding Assignment :-

- Create a Nested header Element using `React.createElement(h1,h2,h3` inside a div with class "title")
 - Create the same element using JSX
 - Create a functional Component of the same with JSX
 - Pass attributes into the tag in JSX
 - Composition of Component(Add a component inside another)

- Create a Header Component from scratch using Functional Components with JSX
 - Add a Logo on left
 - Add a search Bar in middle
 - Add User icon on right
 - Add CSS to make it look nice

References : -

- Babel : <https://babeljs.io/>
- Attribute Type : <https://developer.mozilla.org/en-US/docs/Web/HTML/Element/script#attribute>
- JS Modules <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Guide/Modules>
- Babel Playground : <https://babeljs.io/repl#>
- React without JSX : <https://reactjs.org/docs/react-without-jsx.html>