

Chapter 03 – Laying the Foundation

Topics :-

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

Assignments :-

- 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>} in JSX

Coding Assignments :-

- Create a Nested header element using React.createElement (h1, h2, h3 inside a div with class 'title')
 - Create a same component 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)
 - {TitleComponent} vs {<TitleComponent />} vs {<TitleComponent> </TitleComponent>} in JSX
- 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#attr-type>

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>