

THEORY

What is JSX?

JSX allows us to write HTML-like code along with JavaScript.

Superpowers of JSX:

jsx allows ->

1. Write JavaScript along with HTML-like code.
2. We can define React elements easily without using createElement API (But JSX also uses createElement behind the scenes).
3. We can define styles as an object and pass them as props.

Role of type attribute in the script tag.

It is useful when we want to import or export something from a normal JS file, we have to define the type attribute because normal JS files won't allow using keywords like import or export.

Options -> module, importmap

`{TitleComponent}` vs `{<TitleComponent />}` vs `{<TitleComponent><TitleComponent/>}`

`{TitleComponent}` -> This is simply a React Element which will be returning JSX.

`{<TitleComponent />}` -> This is a functional component that will be returning a bunch of elements wrapped under a single parent.

`{<TitleComponent><TitleComponent/>}` -> This is the same as above.