

## ASSIGNMENT

### ❖ What is JSX?

- JSX allows us to write HTML elements in JavaScript and place them in the DOM without any `createElement()` and/or `appendChild()` methods.
- JSX is an extension of the JavaScript language based on ES6, and is translated into regular JavaScript at runtime.

### ❖ Superpower of JSX?

- It's developer friendly.
- It saves developer time and effort of building react applications in terms of writing less code for multiple tasks.
- It allows us to add javascript along with hardcoded tests, with the help of this we can personalize and customize our data.
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### ❖ Role of type attribute in script tag? What options can I use there?

- In script “type” identify that, what types of data it contains.
- It has a default value which is “text/javascript”.
- There are multiple script type value but some common media\_type values are:
  - text/javascript (this is default)
  - text/exmascript
  - application/ecmascript
  - application/ecmascript

### ❖ ***{TitleComponent} vs {<TitleComponent></TitleComponent>} vs {<TitleComponent/>} in JSX***

- ***{TitleComponent}***
  - In this JSX method we are using TitleComponent as a JS variable.
- ***{<TitleComponent></TitleComponent>}***

- In this JSX method we are using TitleComponent as a React Component but with separate ending and closing tags. We use this tag in order to add something inside the component.

➤ {<TitleComponent/>}

- Here we are using TitleComponent as react component to pass the component.