Theory Assignment:

① what is JSX ?

Ans: JSX stands for "Javascript XML". JSX allows us to write HTML like code along with Javascript.

* with the help of JSX we can write Markup & logic of the Application in one file.

~~② what is a Super~~

② Super powers of JSX ?

Ans: ① Helps us to write Markup & logic in a single File.

② writing React code using JSX is Much more Readable & makes developer's life easy.

③ JSX comes with the power of creating elements like HTML & Manipulating elements like variables in Javascript.

④ with the help of JSX Javascript Manipulations are Easy.

⑤ In JSX we can use variable Element inside another Element, variable Element inside Function Component, Function Component inside Function Component & Function Component inside Element (variable).

③ Role of 'type' attribute in Script Tag ? what options can I use then?

Ans: It is a useful attribute when we want to import or export something inside JS file. ~~when have to use type~~ we have to define type = "module" in script tag to allow import & export usage in JS file, Because in normal JS file we can't do Import/Export it will throw Error.

∴ type = "module" used for Import/Export in JS file.

type options:

async, defer, ~~cross~~ cross-origin, module, fetchpriority (high, low, auto), referrerpolicy etc many more.

~~4 Define Re~~

(4) {TitleComponent} vs {<TitleComponent />} vs {<TitleComponent></TitleComponent>} in JSX?

Ans: {TitleComponent} ⇒ It is a Normal Javascript Variable.

{TitleComponent()} ⇒ React Functional Component is a Normal Javascript Function at the End. So calling Component to return some JSX code.

{<TitleComponent />} ⇒ It is a way to call a Functional Component in other Functional Component. It is a Functional component which will return some JSX code.

{<TitleComponent></TitleComponent>} ⇒ It works exactly like <TitleComponent />. But It is preferred Syntax when we want pass some child elements.