

Assignment:- 3

SAGAR

Page No. _____

Date _____

① What is JSX & Superpower of JSX

JSX - it is syntax extension to javascript
famously it is called Javascript XML.
it has syntax like HTML.

In React, actually Babel Compiles
JSX to `React.createElement()` calls
which return object & further modify dom.

- JSX is stricter than HTML

- close tags ex- ~~`<input type="no" />`~~

- need parent to wrap them in
to stored parent

- Case sensitive `<H1>` `<H1>X`
`<h1>` `<h1>X`

- allow us to pass attribute

② → Role of type attribute in script tag?
What options can I use there?

Sol-

The value of this attribute indicates
the type of data represented by
the script

(ex:-

- a classic script
- a javascript module
- an import map
- a data block

- **classicScript**:- Containing Javascript code.
- **module**:- This value causes the code to be treated as a Javascript module. the **class** and **defer** attributes have no effect.
- **importMap**:- This value indicates that the body of the element contains import map.
 "import map is JSON object that developers can use to control how browser ~~esal~~ resolves module specifications when importing Javascript modules.

Q → **Elabrate**

X **{TitleComponent} VS**

{<TitleComponent/>}

VS

{<TitleComponent> </TitleComponent/>}

A {TitleComponent} :- is a custom react ~~Component~~ that can be used to display title in webpage.

B {<TitleComponent/>} :- it create Component & insert to DOM.

C {<TitleComponent>} → This basically way to render Element

{</TitleComponent>} — render Component

{</TitleComponent> </TitleComponent>} — Self closing Component
 Same it also use to render Component.