

Q: What is JSX?

A: JSX is a syntax extension of javascript. It has all the super powers of JS and is used to create React Element. Its syntax combines both markup and logic.

Q: What are superpowers of JSX?

A:

1. Creates React elements by combining both markup and logic.
2. Creates more readable, maintainable code.
3. Easy debugging.
4. Improves developer experience.
5. Prevents XSS attacks.

Q: Role of type attribute in script? What are its different types?

A: Type attribute helps browser identify the type of script it needs to execute.

Different types:

1. **Module:** Using this type makes script be treated as a module. Module scripts require use of CORS protocol for cross-fetching of data.
2. **Classic script:** Empty string passed in type, no type declared or a JS MIME type makes the script be treated as a classic script.
3. **Import map:** It is a JSON object that developers can use to control how browsers resolve module specifiers when importing JS modules.
4. **Data block:** The embedded content is treated as a data block and won't be processed by browser. Developers must use a valid MIME type that is not javascript MIME to indicate the data blocks.

Q: {TitleComp} vs {<TitleComp />} vs {<TitleComp></TitleComp>}

A:

- {Title Comp} : React Element
- {<TitleComp />} : Self-enclosing React Component. Standard in the industry to call a component.
- {<TitleComp></TitleComp>} : React Component but not self-enclosing. Can use it but not usually preferred.