

22/11
• Components: Main building block of react. Everything is component in react. It is a very small unit of code/react element.

Minimum size of component:

Component

Functional

↓
more used.

Class

↓
js class.

Sunday 09

= what is JSX?

→ JSX means Javascript XML. It is basically js extension that allows us to describe React's object tree using a syntax that resembles that of an HTML element. It can be used to make easier and more intuitive to create React components.

Important

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2022 - Monday

JANUARY

03rd Wk / 010-355

2022

JANUARY

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2. What are the superpowers of JSX?

- 8 → i) JSX prevents XSS (cross-site-scripting) attacks. React DOM escapes any values embedded in JSX before rendering them. Thus it ensures that we can never inject anything that's not written in app.
- 10 ii) JSX represents objects. React reads objects and uses them to construct DOM and keep it upto date.
- 11 iii) JSX tags may contain children. If a tag is empty, it may close with `</>` like XML.
- 12 iv) JSX is closer to JS than to HTML. Hence React DOM uses camelcase property naming convention instead of HTML attribute names.
- 1 v) JSX expressions become regular JS function calls and evaluate to JS objects.

3. Role of type attribute in script tag? what options can I use here?

- 4 → It specifies type of script. The content b/w `<script>` and `</script>` tags has been identified from this. It specifies media type of script. The options we can use are: `application/js`, `application/javascript`, `module`

2. `<TitleComponent />` vs `<TitleComponent />` vs `<TitleComponent />` vs `</TitleComponent />` in JSX

- | | | |
|---|--|--|
| <p>→ <code><TitleComponent /></code></p> <p>The values contained in this can be rendered within curly braces.</p> | <p>→ <code><TitleComponent /></code></p> <p>It specifies opening as well as closing tag of a component altogether.</p> | <p>→ <code><TitleComponent /></code> <code></TitleComponent /></code></p> <p>It specifies opening and closing tag of a component separately.</p> |
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