

Q. what is jsx?

→ JSX (JavaScript XML) is a syntax extension to JavaScript that allows you to write HTML-like code within your JavaScript files.

which is commonly used in React for building User interface. It simplifies the process of creating UI Components by enabling you to write code that looks like HTML but is processed as JavaScript.

How it Works :

1) JSX to JavaScript

JSX code is not directly understood by web browsers. It needs to be converted into regular JavaScript before it can be executed.

2) Transpilation :

Tools like Babel are used to transform JSX code into standard JavaScript typically using `React.createElement()` calls.

3) React Components.

JSX is commonly used within React Components to define the structure & content of UI elements that will be rendered on the screen.