# JSX (JavaScript XML)

Question 1: What is JSX in React.js? Why is it used?

➔ **JSX (JavaScript XML)** is a syntax extension for JavaScript that allows developers to write HTML-like code within JavaScript.

➔ JSX is primarily used in React to describe what the user interface (UI) should look like.

➔ While it looks similar to HTML, it is actually a syntactic sugar for calling React.createElement() functions.

**Why is JSX Used in React.js?**

JSX is used in React.js for several reasons:

1 **Declarative Syntax**:

2 **Integration of HTML and JavaScript**

3 **Prevents Cross-Site Scripting (XSS) Attacks**

4 **Improved Developer Experience**:

5 **Component-based Structure**