**WEEK 7 ,REACT H0-10**

**1. What is JSX?**

* JSX stands for **JavaScript XML**.
* It allows us to write **HTML-like syntax** directly in JavaScript.

const heading = <h1>Hello JSX!</h1>;

**2. What is ECMAScript (ES)?**

* It's the **standardized version** of JavaScript.
* ES6 introduced let, const, arrow functions, classes, etc.

**3. What is React.createElement()?**

* It's the function JSX compiles into:

const heading = <h1>Welcome</h1>;

// becomes:

React.createElement("h1", null, "Welcome");

**4. How to create React nodes with JSX?**

* A **React node** can be created like:

const element = <div>Hello</div>;

**5. How to render JSX to DOM?**

* Using ReactDOM.render() (in older versions) or <App /> inside index.js.

**6. Using JS expressions in JSX**

const name = "Office Space";

const element = <h1>Welcome to {name}</h1>;

**7. Inline CSS in JSX**

const styles = { color: "red", backgroundColor: "yellow" };

const element = <h1 style={styles}>Styled Heading</h1>;

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