**WEEK 7**

**12.REACTJS-HOL**

**1. Explain about conditional rendering in React**

**Conditional rendering means displaying different UI elements based on conditions using JavaScript logic like if, ternary operator, or && inside JSX.  
Example:**

**{isLoggedIn ? <Logout /> : <Login />}**

**2. Define element variables**

**Element variables are used to store JSX elements in a variable, allowing conditional or dynamic rendering.  
Example:**

**let message;**

**if (isLoggedIn) {**

**message = <h1>Welcome!</h1>;**

**}**

**3. Explain how to prevent components from rendering**

**To prevent rendering, return null from the component’s render method or function body.  
Example:**

**function Warning(props) {**

**if (!props.show) return null;**

**return <div>Warning!</div>;**

**}**