**What is conditional rendering in React JS? How to implement?**

Conditional rendering in React refers to the ability to render different components or elements based on certain conditions. This allows you to dynamically control what appears in the UI based on the state of your application or other factors.

Conditional rendering can be implemented using various techniques in React:

**1. Using if statements:**

*import React from 'react';*

*const MyComponent = ({ isLoggedIn }) => {*

*if (isLoggedIn) {*

*return <p>Welcome, user!</p>;*

*} else {*

*return <p>Please log in.</p>;*

*}*

*};*

**2. Using the ternary operator:**

*import React from 'react';*

*const MyComponent = ({ isLoggedIn }) => {*

*return (*

*<div>*

*{isLoggedIn ? <p>Welcome, user!</p> : <p>Please log in.</p>}*

*</div>*

*);*

*};*

**3. Using logical && operator:**

*import React from 'react';*

*const MyComponent = ({ isLoggedIn }) => {*

*return (*

*<div>*

*{isLoggedIn && <p>Welcome, user!</p>}*

*</div>*

*);*

*};*

**4. Using if-else statements outside of JSX :**

*import React from 'react';*

*import Component1 from './Component1';*

*import Component2 from './Component2';*

*const MyComponent = ({ condition }) => {*

*let componentToRender;*

*if (condition) {*

*componentToRender = <Component1 />;*

*} else {*

*componentToRender = <Component2 />;*

*}*

*return <div>{componentToRender}</div>;*

*}*