**Falsy Values in ReactJs**

The falsy values are a value that is considered false when encountered in a [Boolean](https://developer.mozilla.org/en-US/docs/Glossary/Boolean) context.

The falsy values such as false, null, undefined, and true are valid children but they don't render anything. If you still want to display them then you need to convert it to string.

**Conditional Rendering**

Your components will often need to display different things depending on different conditions. In React, you can conditionally render JSX using JavaScript syntax like

1. if statements
2. && Operators.
3. ? Operators.
4. If statements

if (*condition*) {  
  //  block of code to be executed if the condition is true} else {  
  //  block of code to be executed if the condition is false}

1. Logical AND (&&) Operators.

left\_expr && right\_expr

If the expression resolves in TRUE the AND operator returns the evaluation of the right expression.

1. ? Ternary Operators.

variablename= (*condition*) ?*value1*:*value2*

Notes:

* In React, you control branching logic with JavaScript.
* You can return a JSX expression conditionally with an if statement.
* You can conditionally save some JSX to a variable and then include it inside other JSX by using the curly braces.
* In JSX, {cond ? <A /> : <B />} means *“if cond, render <A />, otherwise <B />”*.
* In JSX, {cond && <A />} means *“if cond, render <A />, otherwise nothing”*.
* The shortcuts are common, but you don’t have to use them if you prefer plain if.