Manuel Garcia

v-if and v-else: These are directives that place a condition over rendering a block (HTML tag). They are defined with the **v-if or v-else** in the tag (like defining elements such as name, id, class, etc.). If the condition over v-if is true, the block is rendered. If not, render the else statement or nothing if it is not defined. Note: If block not rendered, it would not show up in the DOM at all.

HTML

```html
<div id="app">
  <p v-if="loggedIn">Welcome back, user!</p>
  <p v-else>Please log in.</p>
</div>
```

JavaScript

```js
const app = Vue.createApp({
  data() {
    return {
      loggedIn: false
    }
  }
}).mount('#app')
```

<u>Somi Seol</u>

v-if and v-else are Vue directives that use conditional statements to reactively manipulate an HTML block

js if/else: conditional logic within script

vue v-if/v-else: conditional logic directly manipulating HTML elements

Amir Sheikhali: v-if and v-else are directives that allow you to control what appears on screen based on the conditions of a statement. A good way i see it is with sets of keys and locked doors. If the key fits the door will open and you can see what's behind the door (new page, message or a button) if the key doesn't fit the door won't open (error pop up message)

```html
<p v-if="typewriterCount>3">
  In stock
</p>

<p v-else-if="typewriterCount>0">
  Very few left!
</p>

<p v-else>
  Not in stock
</p>
```

<u>Malcalisha</u>

```html
html
<div id="app">
    <p v-if="isLoggedIn">Welcome, User!</p>
    <p v-else>Please log in.</p>
    <button @click="toggleLogin">Toggle Login</button>
</div>
```

• "v-if='isLoggedIn' means that the 'Welcome, User!' message will only appear if the isLoggedIn variable is true."

• "v-else means that the 'Please log in.' message will appear if isLoggedIn is false."

• "The button lets us change the isLoggedIn variable to see how the messages switch."