Activity

1. Display the following text in your HTML output using character entities:
   W3C & HTML5

   Note 1: Some lenient browsers will allow using the '&' character directly but **not** all. So you should use its character entity `&`.
   Check out these examples illustrating the importance of using the character entity & for &.

   Note 2: You need to use `"` for the HTML to pass validation. But in practice it is mostly used within attributes. Let's say you want to add a title attribute to an abbreviation to provide an expansion of the abbreviation. If you try the code below in a browser and hover your mouse pointer on the text 'HTML5', it will show you the title text (it works like a tooltip). The title text includes quotes (around the number 5) like this:

   `<abbr title="Hypertext Markup Language "5"">HTML5</abbr>`

   The above will not display the number 5.

   Replacing the quotes with its character entity will work:

   `<abbr title="Hypertext Markup Language "5"">HTML5</abbr>`

   Check out this jsfiddle link.

   Note 3: While it might be tempting to do away with characters supported by the browsers due to their leniency, it is best practice to encode the five special characters <, >, "", & and nbsp at all times.

Please post your observations and findings in the discussion below.