## Overview

It’s time for you to say Hello World....again! However, this time, you will be using JavaScript!

In this activity, you will be adding code to display a message in your browser’s console.

## Tips

The console.log() function is a valuable tool to troubleshoot your code or log messages when an action happens on a website (e.g., a button was clicked, or a form was filled out).

What is a <script> tag? The <script> tag is used to define a client-side (on the user’s computer) script (JavaScript) that will run on your webpage. The functionality is similar to loading an external CSS file in that you will now be able to use the code in the external script file within your HTML file.

## Instructions

**Linking to a JavaScript file**

1. Open index.html located in Activities / 01\_Hello\_World\_Again.
2. Add a <script> tag within the <body> tag.
3. Next, add a src attribute to your new <script> tag, and set its value to “js/index.js”.  
   *\* Script tag documentation -* <https://www.w3schools.com/tags/tag_script.asp>
   * This syntax should look familiar as it is similar to using the <img> tag to display an image or the <link> tag to link to a CSS file.
4. Just like linking to an external CSS file, you can now use the code located in index.js within index.html. Save your changes before continuing.

**Adding JavaScript**

1. Open index.js located in Activities / 01\_Hello\_World\_Again / js.
2. Create a variable named helloWorld and set its value equal to the text string ‘Hello World!’.  
   *- Variable Documentation* <https://www.w3schools.com/js/js_variables.asp>
   * Creating variables in JavaScript is easy!
   * You need the var keyword, followed by the variable name, the variable’s value and a semicolon. The semicolon is not necessary, but is recommended to indicate the end of a line of code.

|  |
| --- |
| var myFirstVariable = 'variableValue'; |

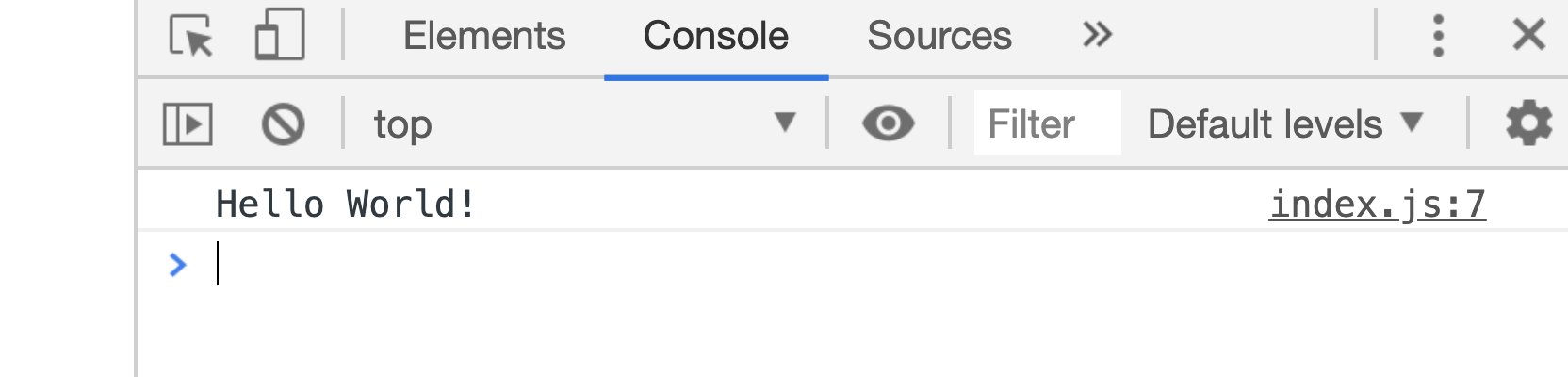
* + In the example above, the variable myFirstVariable has the value of 'variableValue'.
  + You can set JavaScript variables equal to almost anything, but you will be dealing with text strings and numbers in this class.

1. Next, use the console.log() function to output the helloWorld variable to your browser’s console.
   * *What is a function? A function is a reusable block of code that returns a value (that value can be reused in your code in another function and so on).*
   * JavaScript has many built in functions that allow you to manipulate code in any way imaginable.
   * console.log() is one of those built in functions. It will output a value (a variable, number, text string, etc.) to your browser’s console to display messages to users (or yourself!).
   * The syntax for console.log() is as follows:

|  |
| --- |
| console.log(pizza); |

* + In this example, the console.log() function will output the pizza variable to your browser’s console.

1. Save your changes in index.js, open index.html in your browser, and open the Console tab in your browser’s inspector. You should now see a message in your console!



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