A Couple of JavaScript Peculiarities
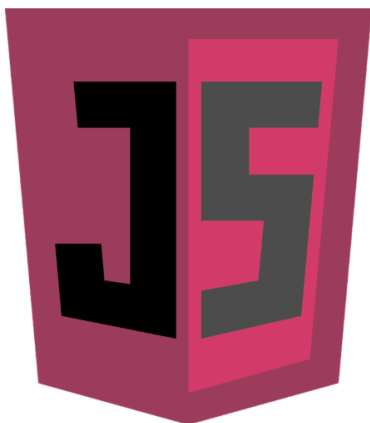
In this lesson, we'll see how we can advance in JS knowledge with this course.

WE'LL COVER THE FOLLOWING ∧

- Taking your JavaScript knowledge to a whole new level
- A couple of JavaScript peculiarities

You may find the approach of this course interesting. This is the eighth chapter, titled "Entering the Realm of JavaScript", nevertheless, you were already faced with JavaScript in the beginning of this course.

Moreover, the previous two chapters were packed with JavaScript code snippets. Was the author wacky, and did he shuffle the parts of the course?

No, absolutely not! I guess the basic knowledge of programming that you already have—hey, you're going to create and program web pages!— was enough to understand the concept of using scripts in web pages.

Nevertheless, to progress forward and master web page programming, you need to learn advanced concepts and understand JavaScript.

This course intends to help you get the basic knowledge, and start advancing to understand the power of JavaScript.

Learning a new programming language is easy when you do not face a real task. When it is time to solve an issue you have never met in the context of that language, you may waste a lot of time to find the appropriate language constructs, runtime libraries, objects responsible for certain operations, and so on. This is the same with JavaScript.

It might take years to possess the language and it requires a lot of coding practice to collect all useful programming patterns and to get free from anti-patterns and common mistakes.

Taking your JavaScript knowledge to a whole new level

There are a number of **levels** your JavaScript knowledge may achieve:

1. With basic knowledge, you can program **simple user interactions** in web pages. Basic knowledge means that you are **self-confident with the fundamental constructs of the language**, especially with those that you need to create simple functions for user interactions, and you can **bind the HTML markup with the code that manages the simple logic of the UI**.

   - ▷To achieve this level, you need to get acquainted and practice with **DOM**, and **BOM (Browser Object Model)**.

2. With advanced knowledge, you can create more **complex user interactions**, and utilize a number of great JavaScript libraries that make you more productive and allow you to **program compound web applications**.

   - ▷To obtain this kind of knowledge, you will definitely have to build upon **advanced language features**.

3. JavaScript gurus possess the language so that they can create components and libraries that leverage language features. **The artifacts they create are powerful, they support a plethora of browsers, and they often use meta-programming elements**.

> - ▷It is never too late to become a guru, but it needs years of practice in the fields and passion mingled with intention.

A couple of JavaScript peculiarities

JavaScript is a great and powerful scripting language that possesses all the characteristics of an imperative programming language. It has its own *peculiarities*, too, which make it especially useful for extending HTML with interactions and dynamism.

In the *next lesson* you'll get a brief overview about the history of the language and get acquainted with a few of its unusual traits that make it *powerful* in web programming environment.

Stay tuned! :)