**Introduction to the DOM (Synopsys)**

**By: Banesa Guaderrama**

The DOM or Document Object Model is an interface used by programming languages to manipulate content, structure, and style a website. Example of actions performed by using the DOM can be rotating a slideshow or an alert of an error when a mistake is detected.

The DOM allows JavaScript to access a websites text content as objects, it can be done by using the Developer Tools on Index.html and by moving to the Console tab. But, while DOM can be modified by client-side JavaScript, the browser automatically fixes errors in the source code.

So, DOM works by accessing a ‘document object’ using JavaScript and the console to update a property of the ‘document object’. The object model resembles the structure of the document it models. Because the documents are modeled using objects, and the model encompasses the structure and behavior of a document and the objects that composed them.

*Analogy:* **The DOM is like a languages interpreter between HTML and JavaScript.**