**Java Script Notes**

## **Java Script**

* JavaScript is the world's most popular programming language.
* JavaScript is the programming language of the Web.
* JavaScript is easy to learn.
* This tutorial will teach you JavaScript from basic to advanced.

## **Why Study JavaScript?**

JavaScript is one of the **3 languages** all web developers **must** learn:

   1. [**HTML**](https://www.w3schools.com/html/default.asp) to define the content of web pages

   2. [**CSS**](https://www.w3schools.com/css/default.asp) to specify the layout of web pages

   3. **JavaScript** to program the behaviour of web pages

This tutorial covers every version of JavaScript:

* The Original JavaScript ES1 ES2 ES3 (1997-1999)
* The First Main Revision ES5 (2009)
* The Second Revision ES6 (2015)
* The Yearly Additions (2016, 2017 ... 2021, 2022).

# **JavaScript Can Change HTML Content**

* One of many JavaScript HTML methods is getElementById().
* The example
  + document.getElementById("demo").innerHTML = "Hello JavaScript";

JavaScript accepts both single and double quotes.

Ex: document.getElementById('demo').innerHTML = 'Hello JavaScript';

# **JavaScript Can Change HTML Attribute Values**

In this example JavaScript changes the value of the src (source) attribute of an <img> tag: