***JS HOME***

* JavaScript is the programming language of HTML and the Web.
* JavaScript is one of the 3 languages all web developers must learn:

1. HTML to define the content of web pages

2. CSS to specify the layout of web pages

3. JavaScript to program the behavior of web pages

This tutorial is about JavaScript, and how JavaScript works with HTML and CSS.

***JS Introduction***

* JavaScript Can Change HTML Content
* JavaScript Can Change HTML Attributes
* JavaScript Can Change HTML Styles (CSS)
* JavaScript Can Validate Data

***JS Where To***

JavaScript can be placed in the <body> and the <head> sections of an HTML page.

In HTML, JavaScript code must be inserted between <script> and </script> tags.

A JavaScript function is a block of JavaScript code, that can be executed when "asked" for. For example, a function can be executed when an event occurs, like when the user clicks a button. You will learn much more about functions and events in later chapters.

***JS Output***

JavaScript does NOT have any built-in print or display functions.

JavaScript can "display" data in different ways:

* Writing into an alert box, using window.alert().
* Writing into the HTML output using document.write().
* Writing into an HTML element, using innerHTML.
* Writing into the browser console, using console.log()

***JS Syntax***

***JS Statements***

***JS Comments***

***JS Variables***

***JS Operators***

***JS Arithmetic***

***JS Assignment***

***JS Data Types***

***JS Functions***

***JS Objects***

***JS Scope***

***JS Events***

***JS Strings***

***JS String Methods***

***JS Numbers***

***JS Number Methods***

***JS Math***

***JS Dates***

***JS Date Formats***

***JS Date Methods***

***JS Arrays***

***JS Array Methods***

***JS Booleans***

***JS Comparisons***

***JS Conditions***

***JS Switch***

***JS Loop For***

***JS Loop While***

***JS Break***

***JS Type Conversion***

***JS RegExp***

***JS Errors***

***JS Debugging***

***JS Hoisting***

***JS Strict Mode***

***JS Style Guide***

***JS Best Practices***

***JS Mistakes***

***JS Performance***

***JS Reserved Words***

***JS JSON***