JavaScript Function Syntax

A JavaScript function is defined with the function keyword, followed by a **name**, followed by parentheses **()**.

Function names can contain letters, digits, underscores, and dollar signs (same rules as variables).

The parentheses may include parameter names separated by commas:  
**(*parameter1, parameter2, ...*)**

The code to be executed, by the function, is placed inside curly brackets: **{}**

function *name*(*parameter1, parameter2, parameter3*) {  
  // *code to be executed*  
}

Function **parameters** are listed inside the parentheses () in the function definition.

Function **arguments** are the **values** received by the function when it is invoked.

Inside the function, the arguments (the parameters) behave as local variables.

Function Invocation

The code inside the function will execute when "something" **invokes** (calls) the function:

* When an event occurs (when a user clicks a button)
* When it is invoked (called) from JavaScript code
* Automatically (self invoked)

You will learn a lot more about function invocation later in this tutorial.