<!DOCTYPE html>

<html>

<body>

<script>

function myFunction() {

document.getElementById("demo").innerHTML = "Hello JavaScript!"

}

</script>

<h2>What Can JavaScript Do?</h2>

<p id="demo">JavaScript can change HTML content.</p>

<button type="button" onclick="myFunction()" >Click Me!</button>

</body>

</html>

Javascripot selector

myElements = document.getElementsByTagName("p");

myElement = document.getElementById("id01");

myElements = document.getElementsByClassName("intro");

**Java script function**

A JavaScript function is a block of JavaScript code, that can be executed when "called" for.

For example, a function can be called when an **event** occurs, like when the user clicks a button.

Load javascript external file <script src="myScript.js"></script>

**Diplay possibilities**

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

**JavaScript statement / Function**

**<!DOCTYPE html>**

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**<h2>JavaScript Statements</h2>**

**<p>JavaScript code blocks are written between { and }</p>**

**<button type="button" onclick="myFunction()">Click Me!</button>**

**<p id="demo1"></p>**

**<p id="demo2"></p>**

**<script>**

**function myFunction() {**

**document.getElementById("demo1").innerHTML = "Hello Dolly!";**

**document.getElementById("demo2").innerHTML = "How are you?";**

**}**

**</script>**

**</body>**

**</html>**

**Javascript Keyword**

|  |  |
| --- | --- |
| Var | Declares a variable |
| Let | Declares a block variable |
| const | Declares a block constant |
| if | Marks a block of statements to be executed on a condition |
| switch | Marks a block of statements to be executed in different cases |
| for | Marks a block of statements to be executed in a loop |
| function | Declares a function |
| return | Exits a function |
| try | Implements error handling to a block of statements |

**Javascript Variable**

Var , let and const and using nothing

**Javascript Operator**

|  |  |
| --- | --- |
| + | Addition |
| - | Subtraction |
| \* | Multiplication |
| \*\* | Exponentiation ([ES2016](https://www.w3schools.com/js/js_2016.asp)) |
| / | Division |
| % | Modulus (Division Remainder) |
| ++ | Increment |
| -- | Decrement |

Javascript Object :

const car = {type:"Fiat", model:"500", color:"white"};

Javascript ternary operator

Javascript String methods

Javacript prototype

function Person(first, last, age, eyecolor) {  
  this.firstName = first;  
  this.lastName = last;  
  this.age = age;  
  this.eyeColor = eyecolor;  
}

Person.prototype.nationality = "English";  
Person.prototype.name = function() {  
  return this.firstName + " " + this.lastName;  
};