

## **Código java script el body sin utilizae etiquetas con evento onclick , objeto document**

```
<!DOCTYPE html>

<html>

<body>

<h2>My First JavaScript</h2>

<button type="button"
onclick="document.getElementById('demo').innerHTML = Date()"> ----- se puede poner con
                                                                    doble comilla

Click me to display Date and Time.</button>

<p id="demo"></p> -----donde pone el id=demo saca el mensaje de la fecha

</body>

</html>
```

## **cambiando imágenes (sobre web page nueva carpeta y ponemos las imágenes en esa ruta)**

Se necesitan dos imágenes para ponerlas en el directorio de imágenes que crees y te las proporciono en el campus.

```
<!DOCTYPE html>

<html>

<body>

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

<p>JavaScript can change HTML attributes.</p>

<p>In this case JavaScript changes the src (source) attribute of an image.</p>

<button onclick="document.getElementById('myImage').src='pic_bulbon.gif'">Turn on
the light</button>



<button onclick="document.getElementById('myImage').src='pic_bulboff.gif'">Turn off
the light</button>

</body>

</html>
```

## Cambia tamaño de las letras

```
<!DOCTYPE html>

<html>

<body>

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

<p id="demo">JavaScript can change the style of an HTML element.</p>

<button type="button"
onclick="document.getElementById('demo').style.fontSize='35px'">Click Me!</button>

</body>

</html>
```

## Ocultar elementos

```
<!DOCTYPE html>

<html>

<body>

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

<p id="demo">JavaScript can hide HTML elements.</p>

<button type="button"
onclick="document.getElementById('demo').style.display='none'">Click Me!</button>

</body>

</html>
```

## Muestra elementos

```
<!DOCTYPE html>

<html>

<body>

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

<p>JavaScript can show hidden HTML elements.</p>
```

```
<p id="demo" style="display:none">Hello JavaScript!</p>

<button type="button"
onclick="document.getElementById('demo').style.display='block'">Click Me!</button>

</body>

</html>
```

## **Usando etiquetas, objeto document, script en el body para escribir texto**

```
<!DOCTYPE html>

<html>

<body>

<h2>JavaScript in Body</h2>

<p id="demo"></p>

<script>

document.getElementById("demo").innerHTML = "My First JavaScript";

</script>

</body>

</html>
```

## **Usamos eventos, objeto document, funciones definidas en el body**

```
<!DOCTYPE html>

<html>

<head>

<script>

function myFunction() {

    document.getElementById("demo").innerHTML = "Paragraph changed.";

}
```

```
</script>
</head>
<body>
<h2>JavaScript in Head</h2>
<p id="demo">A Paragraph.</p>
<button type="button" onclick="myFunction()">Try it</button>
</body>
</html>
```

## **Lo anterior Hecho en el body**

```
<!DOCTYPE html>
<html>
<body>
<h2>JavaScript in Body</h2>
<p id="demo">A Paragraph.</p>
<button type="button" onclick="myFunction()">Try it</button>
<script>
function myFunction() {
    document.getElementById("demo").innerHTML = "Paragraph changed.";
}
</script>
</body>
</html>
```

**Todas las funciones las pongo en un fichero externo bien en una url distinta de nuestra web o rutas relativas o absolutas de nuestra web y realizo una referencia a el**

```
<!DOCTYPE html>

<html>

<body>

<h2>External JavaScript</h2>

<p id="demo">A Paragraph.</p>

<button type="button" onclick="myFunction()">Try it</button>

<p>(myFunction is stored in an external file called "myScript.js")</p>

<script src="myScript.js"></script>

</body>

</html>
```

**Usando document.getElementById(id) y innerHTML**

```
<!DOCTYPE html>

<html>

<body>

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

<p id="demo"></p>

<script>

document.getElementById("demo").innerHTML = 5 + 6;

document.getElementById("demo1").innerHTML = "juanita";

</script>

</body>

</html>
```

## Usando document.write

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>

<script>
document.write(5 + 6);
</script>

<button onclick="document.write(5 + 6)">Try it</button>
</body>
</html>
```

## Windows.alert

```
<!DOCTYPE html>
<html>
<body>

<h1>My First Web Page</h1>
<p>My first paragraph.</p>

<script>
window.alert(5 + 6);
</script>

</body>
</html>
```

## Operaciones y declaracion de variables diferencia entre nombre variable mayuscula o minuscula

```
<!DOCTYPE html>
<html>
<body>
```

<h2>JavaScript Statements</h2>

<p>Multiple statements on one line is allowed.</p>

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

<p id="demo"></p>

<script>

var a, b, c;

a = 1; b = 2; c = a + b;

document.getElementById("demo1").innerHTML = c;

document.getElementById("demo").innerHTML = "juanita" + " " + "hidalgo";

</script>

</body>

</html>

### **Suma de variables atento a lo que ocurre salida 20Volvo**

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript</h2>

<p>JavaScript evaluates expressions from left to right. Different sequences can produce different results:</p>

<p id="demo"></p>

<script>

var x = 16 + 4 + "Volvo";

document.getElementById("demo").innerHTML = x;

</script>

</body>

</html>

## **Acceso a objetos**

<!DOCTYPE html>

<html>

<body>

<p>

There are two different ways to access an object property:

</p>

<p>You can use person.property or person["property"].</p>

<p id="demo"></p>

<script>

var person = {

    firstName: "John",

    lastName : "Doe",

    id      : 5566

};

document.getElementById("demo").innerHTML =

person.firstName + " " + person.lastName;

</script>

</body>

</html>



## Igual pero con function en un element del objeto

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<h2>JavaScript Object Methods</h2>
```

```
<p>If you access an object method without (), it will return the function definition:</p>
```

```
<p id="demo"></p>
```

```
<script>
```

```
var person = {
```

```
    firstName: "John",
```

```
    lastName : "Doe",
```

```
    id      : 5566,
```

```
    fullName : function() {
```

```
        return this.firstName + " " + this.lastName;
```

```
    }
```

```
};
```

```
document.getElementById("demo").innerHTML = person.fullName;
```

```
</script>
```

```
</body>
```

```
</html>
```

## Validación de los campos de un formulario

```
<!DOCTYPE html>

<html>

<head>

<script>

function validateForm() {

    mensaje="";

    flag_ok=true;


    var x = document.forms["myForm"]["fname"].value;

    if (x == "") {

        mensaje = mensaje + "Nombre no puede estar vacio \n";

        flag_ok = false;

    }

    var x = document.forms["myForm"]["fapellido"].value;

    if (x == "") {

        mensaje = mensaje + "apellido no puede estar vacio \n";

        flag_ok = false;

    }

    if (flag_ok == false) {

        alert(mensaje);

        return false;

    } else

        return true;

    }

</script>

</head>

<body>
```

```
<form name="myForm" action="/action_page.php"
onsubmit="return validateForm()" method="post">
Name: <input type="text" name="fname">
apellido: <input type="text" name="fapellido">
<input type="submit" value="Submit">
</form>

</body>
</html>
```

### **Obtener los valores de los elementos de un formulario**

```
<!DOCTYPE html>
<html>
<body>

<form id="frm1" action="/action_page.php">
  First name: <input type="text" name="fname" value="juanita"><br>
  Last name: <input type="text" name="lname" value="hidalgo"><br><br>
  <input type="submit" value="enviar">
</form>

<p> pulsa en ver valores para ver los valores de cada elemento del formulario</p>

<button onclick="myFunction()">ver valores</button>

<p id="demo"></p>

<script>
function myFunction() {
```

```
var x = document.forms["frm1"];
var text = "";
var i;
for (i = 0; i < x.length ;i++) {
    text += x.elements[i].value + "<br>";
}
document.getElementById("demo").innerHTML = text;
}
```

</script>

</body>

</html>

## **Validar campos numéricos**

<!DOCTYPE html>

<html>

<body>

<h2>JavaScript Can Validate Input</h2>

<p>Please input a number between 1 and 10:</p>

<input id="numb">

<button type="button" onclick="myFunction()">Submit</button>

<p id="demo"></p>

<script>

```
function myFunction() {  
    var x, text;  
  
    // Get the value of the input field with id="numb"  
    x = document.getElementById("numb").value;  
  
    // If x is Not a Number or less than one or greater than 10  
    if (isNaN(x) || x < 1 || x > 10) {  
        text = "Input not valid";  
    } else {  
        text = "Input OK";  
    }  
    document.getElementById("demo").innerHTML = text;  
}  
</script>  
  
</body>  
</html>
```

## **Validación de campo entre dos valores**

```
<!DOCTYPE html>  
<html>  
<body>  
  
<p>Enter a number and click OK:</p>  
  
<input id="id1" type="number" min="100" max="300" required>  
<button onclick="myFunction()">OK</button>
```

<p>If the number is less than 100 or greater than 300, an error message will be displayed.</p>

<p id="demo"></p>

<script>

function myFunction() {

var inpObj = document.getElementById("id1");

if (!inpObj.checkValidity()) {

document.getElementById("demo").innerHTML = inpObj.validationMessage;

} else {

document.getElementById("demo").innerHTML = "Input OK";

}

}

</script>

</body>

</html>