**String Formatting Functions**

|  |  |
| --- | --- |
| Function | Description |
| bold() | Sets bold effect |
| italics() | Sets italic effect |
| big() | Large font size |
| small() | Small font size |
| fontsize() | Specific font size |
| fontcolor() | Sets font color |
| sup() | Superscript |
| sub() | Subscript |
| toUpperCase() | Converts text to uppercase letters. |
| toLowerCase() | Converts to lowercase letters. |

**Note: All string formatting functions render HTML elements.**

bold() <b> </b>

fontcolor() <font color=””> </font>

**You can’t apply these formats on RC Data elements.**

Ex:

<script>

"use strict";

function f1(){

var password = prompt("Enter Password");

if(password=="admin"){

document.write("Login Success..".bold().fontcolor('green'));

} else {

document.write("Invalid Password".italics().fontcolor('red'));

}

}

f1();

</script>

Ex:

<!DOCTYPE html>

<html>

<head>

<title>String Format</title>

<script>

function ChangeCase(){

var name = document.getElementById("txtName").value;

document.getElementById("txtName").value = name.toUpperCase();

}

</script>

</head>

<body>

<fieldset>

<legend>User Name</legend>

<input onblur="ChangeCase()" type="text" id="txtName" placeholder="Name in Block Letters">

</fieldset>

</body>

</html>

**String Manipulating functions:**

|  |  |
| --- | --- |
| **Function** | **Description** |
| charAt() | It returns the character at specified index. |
| charCodeAt() | It returns the Unicode of characters at specified index. A=65, Z=90. |
| startsWith() | It returns true if string starts with specified chars. |
| endsWith() | It returns true if string ends with specified chars. |
| indexOf() | Returns the first occurrence index number of specified character. |
| lastIndexOf() |  |

Ex:

<!DOCTYPE html>

<html>

<head>

<title>String Format</title>

<script>

function ChangeCase(){

var txtName = document.getElementById("txtName").value;

var firstCharCode = txtName.charCodeAt(0);

var msg = document.getElementById("msg");

if(firstCharCode>=65 && firstCharCode<=90) {

msg.innerHTML = "Verified..".fontcolor('green');

} else {

msg.innerHTML = "Name must start with uppercase letter".fontcolor('red');

}

}

</script>

</head>

<body>

<fieldset>

<legend>User Name</legend>

<input onblur="ChangeCase()" type="text" id="txtName" size="40" placeholder="Ex: David [start with uppercase]">

<div id="msg"></div>

</fieldset>

</body>

</html>

Ex:

<!DOCTYPE html>

<html>

<head>

<title>Email</title>

<script>

function VerifyEmail(){

var txtEmail = document.getElementById("txtEmail").value;

var msg = document.getElementById("msg");

if(txtEmail.endsWith("gmail.com")) {

msg.innerHTML="Verified".fontcolor('green');

} else {

msg.innerHTML="Please use only valid Gmail Account";

}

}

</script>

</head>

<body>

<fieldset>

<legend>Your Gmail</legend>

<input onblur="VerifyEmail()" type="text" id="txtEmail">

<div id="msg"></div>

</fieldset>

</body>

</html>