<!DOCTYPE html>

<html>

<body>

<h2>My First Page</h2>

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

<script>

document.getElementById("demo").innerHTML = "Hello World!";

</script>

</body>

</html>

getElementById is a **method**, while innerHTML is a **property**.

Find Element By TagName

<!DOCTYPE html>

<html>

<body>

<h2>Finding HTML Elements by Tag Name</h2>

<p>Hello World!</p>

<p>This example demonstrates the <b>getElementsByTagName</b> method.</p>

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

<script>

var x = document.getElementsByTagName("p");

document.getElementById("demo").innerHTML =

'The text in first paragraph (index 0) is: ' + x[0].innerHTML;

</script>

</body>

</html>

**Onclick event**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h1 onclick="this.innerHTML='Ooops!'">Click on this text!</h1>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h1 onclick="changeText(this)">Click on this text!</h1>**

**<script>**

**function changeText(id) {**

**id.innerHTML = "Ooops!";**

**}**

**</script>**

**</body>**

**</html>**

**Display Date**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<p>Click the button to display the date.</p>**

**<button onclick="displayDate()">The time is?</button>**

**<script>**

**function displayDate() {**

**document.getElementById("demo").innerHTML = Date();**

**}**

**</script>**

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

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<p>Click "Try it" to execute the displayDate() function.</p>**

**<button id="myBtn">Try it</button>**

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

**<script>**

**document.getElementById("myBtn").onclick = displayDate;**

**function displayDate() {**

**document.getElementById("demo").innerHTML = Date();**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body onload="checkCookies()">**

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

**<script>**

**function checkCookies() {**

**var text = "";**

**if (navigator.cookieEnabled == true) {**

**text = "Cookies are enabled.";**

**} else {**

**text = "Cookies are not enabled.";**

**}**

**document.getElementById("demo").innerHTML = text;**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<script>**

**function myFunction() {**

**var x = document.getElementById("fname");**

**x.value = x.value.toUpperCase();**

**}**

**</script>**

**</head>**

**<body>**

**Enter your name: <input type="text" id="fname" onchange="myFunction()">**

**<p>When you leave the input field, a function is triggered which transforms the input text to upper case.</p>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<div onmouseover="mOver(this)" onmouseout="mOut(this)"**

**style="background-color:#D94A38;width:120px;height:20px;padding:40px;">**

**Mouse Over Me</div>**

**<script>**

**function mOver(obj) {**

**obj.innerHTML = "Thank You"**

**}**

**function mOut(obj) {**

**obj.innerHTML = "Mouse Over Me"**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<script>**

**function myFunction(x) {**

**x.style.background = "yellow";**

**}**

**</script>**

**</head>**

**<body>**

**Enter your name: <input type="text" onfocus="myFunction(this)">**

**<p>When the input field gets focus, a function is triggered which changes the background-color.</p>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<head>**

**<script>**

**function mymessage() {**

**alert("This message was triggered from the onload event");**

**}**

**</script>**

**</head>**

**<body onload="mymessage()">**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h2>JavaScript Alert</h2>**

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

**<script>**

**function myFunction() {**

**alert("I am an alert box!");**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h2>JavaScript Confirm Box</h2>**

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

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

**<script>**

**function myFunction() {**

**var txt;**

**if (confirm("Press a button!")) {**

**txt = "You pressed OK!";**

**} else {**

**txt = "You pressed Cancel!";**

**}**

**document.getElementById("demo").innerHTML = txt;**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<h2>JavaScript Prompt</h2>**

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

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

**<script>**

**function myFunction() {**

**var txt;**

**var person = prompt("Please enter your name:", " ");**

**if (person == null || person == "") {**

**txt = "User cancelled the prompt.";**

**} else {**

**txt = "Hello " + person + "! How are you today?";**

**}**

**document.getElementById("demo").innerHTML = txt;**

**}**

**</script>**

**</body>**

**</html>**

**Display Time**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<p>A script on this page starts this clock:</p>**

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

**<script>**

**var myVar = setInterval(myTimer, 1000);**

**function myTimer() {**

**var d = new Date();**

**document.getElementById("demo").innerHTML = d.toLocaleTimeString();**

**}**

**</script>**

**</body>**

**</html>**

**<!DOCTYPE html>**

**<html>**

**<body>**

**<p>A script on this page starts this clock:</p>**

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

**<button onclick="clearInterval(myVar)">Stop time</button>**

**<script>**

**var myVar = setInterval(myTimer ,1000);**

**function myTimer() {**

**var d = new Date();**

**document.getElementById("demo").innerHTML = d.toLocaleTimeString();**

**}**

**</script>**

**</body>**

**</html>**