

JavaScript Events and More

```
<!DOCTYPE html>
<html>
<head>
<script>
function myFunction()
{
    alert("Hello World!");
}
</script>
</head>

<body>
<button onclick="myFunction()">Try it</button>
</body>
</html>
```

```
<a href="#" onclick="linkClicked()">Click me</a>
```

Other Events: http://www.w3schools.com/jsref/dom_obj_event.asp

Functions

There are 2 types of functions anonymous and named functions.

Named function:

```
function flyToTheMoon()
{
    alert("Zoom!");
}

flyToTheMoon();
```

Anonymous function:

```
var flyToTheMoon = function() {  
    alert("Zoom!");  
}  
flyToTheMoon();
```

Shortcut

```
var $ = function (id) {  
    return document.getElementById(id);  
}  
  
// Returns the value of the value attribute of a text field:  
var email=$( "email" ).value;
```

Buttons – you can have put onclick directly in the button tag, or in javascript to tell it what to do if button is clicked.

```
<form>  
  <input name="x" type="number" value="100"> +  
  <input name="y" type="number" value="100"><br><br>  
  <input type="button" value="Calculate"  
    onClick="result.value = parseInt(x.value) +  
      parseInt(y.value)">  
  <br><br>  
  Total: <output name="result"></output>  
</form>
```