WDV221 Intro Javascript

HTML Event Handlers – Notes

* Define Event Handlers
  + ‘Listen’ for user actions such as mouse movement and keyboard activity
  + Assigned within HTML they are attributes to an element
  + They can be assigned to an HTML element by Javascript as DOM events
  + Multiple event handlers may be assigned to an element
  + Connect HTML to Javascript
  + Usually used to call functions
  + All HTML elements have event handlers
  + Some event handlers are specific to certain elements or groups of elements
* Examples
  + Window events
    - Onload
    - Onunload
  + Form events
    - Onchange
    - Onsubmit
  + Keyboard events
    - Onkeypress
    - Onkeydown
  + Mouse events
    - Onclick
    - Ondoubleclick
    - Onmouseover

**References:**

W3Schools - HTML <http://www.w3schools.com/tags/ref_eventattributes.asp>

W3Schools – DOM <http://www.w3schools.com/js/js_htmldom_events.asp>

HTML5 Event Handlers <http://www.quackit.com/html_5/tags/html_5_event_handler_content_attributes.cfm>

The HTML example below assigns an event handler to a button element. When the button is clicked it will call the Javascript function called displayValue().

**HTML Example**

<button id=”dispAnswer” onclick=”displayValue()”>Get your answer!</button>

The Javascript example below uses Javascript to assign an onclick event handler that will call the displayValue() function to an element on the page. This is called a dynamic assignment.

**Javascript Example – Dynamic event assignment**

<script>

document.getElementById(“dispAnswer”).onlick = displayValue; //reference call to the function

</script>