JavaScript Events

Interactivity

JavaScript and Events

- Events:
  - actions taken by the webpage visitor
  - a special type of method to which an element can respond

  - clicking (onclick)
  - placing the mouse on an element (onmouseover)
  - removing the mouse from an element (onmouseout)
  - loading the page (onload)
  - unloading the page (onunload)
  - clicking into a form element (onfocus)
  - leaving a form element (onblur)
  - many more (http://www.w3schools.com/jsref/dom_obj_event.asp)

Event Driven Programming

- Event Listeners: `element.`**`event`**` =`

  ```
  window.onload
  nameField.onblur
  myElement.onclick
  ```

- Format (old fashioned - do not use):

  ```
  myElement.onclick = function () {
          //do stuff when the element is clicked
  };
  ```

- New (preferred) format:

  ```
  myElement.addEventListener("click", function(){
          //do stuff when the element is clicked
  };
  ```