

Slide 14.19: JavaScript events (cont.)

Slide 14.21: JavaScript events (cont.)

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## JavaScript Events (Cont.)

### onLoad and onUnload

The [onLoad](#) and [onUnload](#) events are triggered when the user enters or leaves the page. The onLoad event is often used to check the visitor's browser type and browser version, and load the proper version of the web page based on the information.

```
<html>
<head>
  <script type="text/javascript">
    function load( ) {
      if ( window.confirm( "Go home?" ) )
        window.home( );
      else
        window.location = document.referrer;
    }
  </script>
</head>
<body onload = "load( )"></body>
</html>
```

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### onMouseOver and onMouseOut

[onMouseOver](#) executes JavaScript code when a [onMouseOut](#) event occurs; that is, once each time the mouse pointer moves over an object or area from outside that object or area. onMouseOut executes JavaScript code when a MouseOut event occurs; that is, each time the mouse pointer leaves an area or link from inside that area or link.

```
<html>
<head>
  <script type="text/javascript">
    function mouseOver( ) {
      document.cnn.src = "figure/smiley.gif"
    }
    function mouseOut( ) {
      document.cnn.src = "figure/angry.jpg"
    }
  </script>
</head>
<body>
  <a href="http://www.cnn.com/">
    </a>
  </body>
</html>
```

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The example includes an `onMouseOver` event and an `onMouseOut` event that will run two JavaScript functions that will change between two images.

## Demonstration

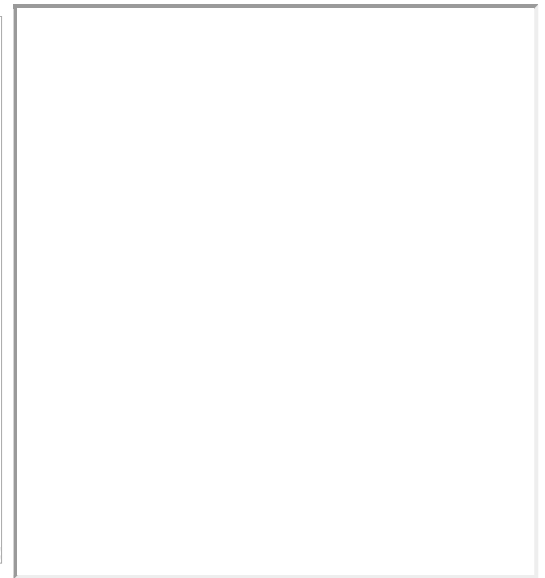
The following demonstration shows how the script of HTML and JavaScript is displayed on the Web.

Display the HTML

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```
<html>
<head>
  <script type="text/javascript">
    function changeVal( ) {
      s1 = "Greetings!"
      myForm.myText.value = s1.toUpperCase( )
    }
  </script>
</head>

<body onload = "changeVal( )" >
  <form action="" method="POST" id="myForm" >
    <input type="text" name="myText" >
  </form>
</body>
</html>
```



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