

```
1: <!--
2:
3: blink.html
4:
5: David J. Malan
6: Computer Science E-75
7: Harvard Extension School
8:
9: -->
10:
11: <!DOCTYPE html PUBLIC
12:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
13:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
14:
15: <html xmlns="http://www.w3.org/1999/xhtml">
16:   <head>
17:     <script type="text/javascript">
18:       // 
19:
20:         function blinker()
21:         {
22:           var blinks = document.getElementsByTagName("blink");
23:           for (var i = 0; i &lt; blinks.length; i++)
24:             {
25:               if (blinks[i].style.visibility == "hidden")
26:                 blinks[i].style.visibility = "visible";
27:               else
28:                 blinks[i].style.visibility = "hidden";
29:             }
30:         }
31:
32:         window.setInterval(blinker, 500);
33:
34:       // ]]&gt;
35:     &lt;/script&gt;
36:     &lt;title&gt;&lt;/title&gt;
37:   &lt;/head&gt;
38:   &lt;body&gt;
39:     &lt;center&gt;
40:       &lt;blink&gt;&lt;h1&gt;hello, world&lt;/h1&gt;&lt;/blink&gt;
41:     &lt;/center&gt;
42:   &lt;/body&gt;
43: &lt;/html&gt;</pre></div><div data-bbox="131 522 213 548" data-label="Page-Header">form.html<br/>lectures/6/src/</div><div data-bbox="835 522 867 536" data-label="Page-Header">1/1</div><div data-bbox="150 553 554 814" data-label="Text"><pre>1: &lt;!--
2:
3: form1.html
4:
5: A form without client-side validation.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: --&gt;
12:
13: &lt;!DOCTYPE html PUBLIC
14:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"&gt;
16:
17: &lt;html xmlns="http://www.w3.org/1999/xhtml"&gt;
18:   &lt;head&gt;
19:     &lt;title&gt;&lt;/title&gt;
20:   &lt;/head&gt;
21:   &lt;body&gt;
22:     &lt;form action="process.php" method="get" name="login"&gt;
23:       Username: &lt;input name="username" type="text" /&gt;
24:       &lt;br /&gt;
25:       Password: &lt;input name="password" type="password" /&gt;
26:       &lt;br /&gt;&lt;br /&gt;
27:       &lt;input type="submit" value="Submit" /&gt;
28:     &lt;/form&gt;
29:
30:   &lt;/body&gt;
31: &lt;/html&gt;</pre></div>
```

```
1: <!--
2:
3: form1.html
4:
5: A form without client-side validation.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <title></title>
20:   </head>
21:   <body>
22:     <form action="process.php" method="get">
23:       Email: <input name="email" type="text" />
24:       <br />
25:       Password: <input name="password1" type="password" />
26:       <br />
27:       Password (again): <input name="password2" type="password" />
28:       <br />
29:       I agree to the terms and conditions: <input name="agreement" type="checkbox" />
30:       <br /><br />
31:       <input type="submit" value="Submit" />
32:     </form>
33:   </body>
34: </html>
```

```
1: <!--
2:
3: form2.html
4:
5: A form with client-side validation.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <script type="text/javascript">
20:       // <![CDATA[
21:
22:         function validate()
23:         {
24:           if (document.forms.registration.email.value == "")
25:           {
26:             alert("You must provide an email address.");
27:             return false;
28:           }
29:           else if (document.forms.registration.password1.value == "")
30:           {
31:             alert("You must provide a password.");
32:             return false;
33:           }
34:           else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
35:           {
36:             alert("You must provide the same password twice.");
37:             return false;
38:           }
39:           else if (!document.forms.registration.agreement.checked)
40:           {
41:             alert("You must agree to our terms and conditions.");
42:             return false;
43:           }
44:           return true;
45:         }
46:
47:       // ]]>
```

```
48:     </script>
49:     <title></title>
50: </head>
51: <body>
52:   <form action="process.php" id="registration" method="get" onsubmit="return validate();">
53:     Email: <input name="email" type="text" />
54:     <br />
55:     Password: <input name="password1" type="password" />
56:     <br />
57:     Password (again): <input name="password2" type="password" />
58:     <br />
59:     I agree to the terms and conditions: <input name="agreement" type="checkbox" />
60:     <br /><br />
61:     <input type="submit" value="Submit" />
62:   </form>
63: </body>
64: </html>
```

```
1: <!--
2:
3: form3.html
4:
5: A form with client-side validation demonstrating "with" keyword.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:   "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <script type="text/javascript">
20:       // <![CDATA[
21:
22:         function validate()
23:         {
24:           with (document.forms.registration)
25:           {
26:             if (email.value == "")
27:             {
28:               alert("You must provide an email address.");
29:               return false;
30:             }
31:             else if (password1.value == "")
32:             {
33:               alert("You must provide a password.");
34:               return false;
35:             }
36:             else if (password1.value != password2.value)
37:             {
38:               alert("You must provide the same password twice.");
39:               return false;
40:             }
41:             else if (!agreement.checked)
42:             {
43:               alert("You must agree to our terms and conditions.");
44:               return false;
45:             }
46:             return true;
47:           }

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```
48:     }
49:
50:     // ]]>
51: </script>
52: <title></title>
53: </head>
54: <body>
55:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
56:         Email: <input name="email" type="text" />
57:         <br />
58:         Password: <input name="password1" type="password" />
59:         <br />
60:         Password (again): <input name="password2" type="password" />
61:         <br />
62:         I agree to the terms and conditions: <input name="agreement" type="checkbox" />
63:         <br /><br />
64:         <input type="submit" value="Submit" />
65:     </form>
66: </body>
67: </html>
```

```
1: <!--
2:
3: form4.html
4:
5: A form with client-side validation demonstrating "this" keyword.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:     <head>
19:         <script type="text/javascript">
20:             // 
21:
22:             function validate(f)
23:             {
24:                 if (f.email.value == "")
25:                 {
26:                     alert("You must provide an email address.");
27:                     return false;
28:                 }
29:                 else if (f.password1.value == "")
30:                 {
31:                     alert("You must provide a password.");
32:                     return false;
33:                 }
34:                 else if (f.password1.value != f.password2.value)
35:                 {
36:                     alert("You must provide the same password twice.");
37:                     return false;
38:                 }
39:                 else if (!f.agreement.checked)
40:                 {
41:                     alert("You must agree to our terms and conditions.");
42:                     return false;
43:                 }
44:                 return true;
45:             }
46:
47:             // ]]&gt;</pre></div>
```

```
48:     </script>
49:     <title></title>
50: </head>
51: <body>
52:   <form action="process.php" method="get" onsubmit="return validate(this);">
53:     Email: <input name="email" type="text" />
54:     <br />
55:     Password: <input name="password1" type="password" />
56:     <br />
57:     Password (again): <input name="password2" type="password" />
58:     <br />
59:     I agree to the terms and conditions: <input name="agreement" type="checkbox" />
60:     <br /><br />
61:     <input type="submit" value="Submit" />
62:   </form>
63: </body>
64: </html>
```

```
1: <!--
2:
3: form5.html
4:
5: A form with client-side validation demonstrating disabled property.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:   "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <script type="text/javascript">
20:       // <![CDATA[
21:
22:         function toggle()
23:         {
24:           if (document.forms.registration.button.disabled)
25:             document.forms.registration.button.disabled = false;
26:           else
27:             document.forms.registration.button.disabled = true;
28:         }
29:
30:         function validate()
31:         {
32:           if (document.forms.registration.email.value == "")
33:           {
34:             alert("You must provide an email address.");
35:             return false;
36:           }
37:           else if (document.forms.registration.password1.value == "")
38:           {
39:             alert("You must provide a password.");
40:             return false;
41:           }
42:           else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
43:           {
44:             alert("You must provide the same password twice.");
45:             return false;
46:           }
47:           else if (!document.forms.registration.agreement.checked)
```

```
48:         {
49:             alert("You must agree to our terms and conditions.");
50:             return false;
51:         }
52:         return true;
53:     }
54:
55:     // ]]>
56: </script>
57: <title></title>
58: </head>
59: <body>
60:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
61:         Email: <input name="email" type="text" />
62:         <br />
63:         Password: <input name="password1" type="password" />
64:         <br />
65:         Password (again): <input name="password2" type="password" />
66:         <br />
67:         I agree to the terms and conditions: <input name="agreement" onclick="toggle();" type="checkbox" />
68:         <br /><br />
69:         <input disabled="disabled" name="button" type="submit" value="Submit" />
70:     </form>
71: </body>
72: </html>
```

```
1: <!--
2:
3: form6.html
4:
5: A form with client-side validation demonstrating inline JavaScript.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:     <head>
19:         <script type="text/javascript">
20:             // 
21:
22:             function validate()
23:             {
24:                 if (document.forms.registration.email.value == "")
25:                 {
26:                     alert("You must provide an email address.");
27:                     return false;
28:                 }
29:                 else if (document.forms.registration.password1.value == "")
30:                 {
31:                     alert("You must provide a password.");
32:                     return false;
33:                 }
34:                 else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
35:                 {
36:                     alert("You must provide the same password twice.");
37:                     return false;
38:                 }
39:                 else if (!document.forms.registration.agreement.checked)
40:                 {
41:                     alert("You must agree to our terms and conditions.");
42:                     return false;
43:                 }
44:                 return true;
45:             }
46:
47:             // ]]&gt;</pre></div>
```

```
48:     </script>
49:     <title></title>
50: </head>
51: <body>
52:   <form action="process.php" method="get" name="registration" onsubmit="return validate();">
53:     Email: <input name="email" type="text" />
54:     <br />
55:     Password: <input name="password1" type="password" />
56:     <br />
57:     Password (again): <input name="password2" type="password" />
58:     <br />
59:     I agree to the terms and conditions: <input name="agreement" onclick="document.forms.registration.button.disabled = !document.forms.registration.button.disabled;" type="checkbox" />
60:     <br /><br />
61:     <input disabled="disabled" name="button" type="submit" value="Submit" />
62:   </form>
63: </body>
64: </html>
```

```
1: <!--
2:
3: form7.html
4:
5: A form with client-side validation demonstrating regular expressions.
6:
7: David J. Malan
8: Computer Science E-75
9: Harvard Extension School
10:
11: -->
12:
13: <!DOCTYPE html PUBLIC
14:   "-//W3C//DTD XHTML 1.0 Transitional//EN"
15:   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16:
17: <html xmlns="http://www.w3.org/1999/xhtml">
18:   <head>
19:     <script type="text/javascript">
20:       // <![CDATA[
21:
22:         function validate()
23:         {
24:           if (!document.forms.registration.email.value.match(/.+@.+.edu$/))
25:             {
26:               alert("You must provide a .edu email address.");
27:               return false;
28:             }
29:           else if (document.forms.registration.password1.value == "")
30:             {
31:               alert("You must provide a password.");
32:               return false;
33:             }
34:           else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
35:             {
36:               alert("You must provide the same password twice.");
37:               return false;
38:             }
39:           else if (!document.forms.registration.agreement.checked)
40:             {
41:               alert("You must agree to our terms and conditions.");
42:               return false;
43:             }
44:           return true;
45:         }
46:
47:       // ]]>
```

```
48:     </script>
49:     <title></title>
50: </head>
51: <body>
52:   <form action="process.php" method="get" name="registration" onsubmit="return validate();">
53:     Email: <input name="email" type="text" />
54:     <br />
55:     Password: <input name="password1" type="password" />
56:     <br />
57:     Password (again): <input name="password2" type="password" />
58:     <br />
59:     I agree to the terms and conditions: <input name="agreement" type="checkbox" />
60:     <br /><br />
61:     <input type="submit" value="Submit" />
62:   </form>
63: </body>
64: </html>
```

```
1:
2: <!DOCTYPE html PUBLIC
3:   "-//W3C//DTD XHTML 1.0 Transitional//EN"
4:   "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
5:
6: <html xmlns="http://www.w3.org/1999/xhtml">
7:   <head>
8:     <title></title>
9:   </head>
10:  <body>
11:    <script type="text/javascript">
12:      // <![CDATA[
13:
14:        document.write("hello, world!");
15:
16:      // ]]>
17:    </script>
18:  </body>
19: </html>
```



```
1: <!-- quick and dirty dump of HTTP request -->
2:
3: <pre>
4: <? print_r($_REQUEST); ?>
5: </pre>
6:
```

```
1: <!-- quick and dirty dump of HTTP request -->
2:
3: <pre>
4: <? print_r($_REQUEST); ?>
5: </pre>
6:
```