

```
0: <!--
1:
2: form1.html
3:
4: A form without client-side validation.
5:
6: David J. Malan
7: Computer Science E-75
8: Harvard Extension School
9:
10: -->
11:
12: <!DOCTYPE html PUBLIC
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15:
16: <html xmlns="http://www.w3.org/1999/xhtml">
17:   <head>
18:     <title></title>
19:   </head>
20:   <body>
21:     <form action="process.php" method="get">
22:       Email: <input name="email" type="text" />
23:       <br />
24:       Password: <input name="password1" type="password" />
25:       <br />
26:       Password (again): <input name="password2" type="password" />
27:       <br />
28:       I agree to the terms and conditions: <input name="agreement" type="checkbox" />
29:       <br /><br />
30:       <input type="submit" value="Submit" />
31:     </form>
32:   </body>
33: </html>
```

```

0: <!--
1:
2: form2.html
3:
4: A form with client-side validation.
5:
6: David J. Malan
7: Computer Science E-75
8: Harvard Extension School
9:
10: -->
11:
12: <!DOCTYPE html PUBLIC
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15:
16: <html xmlns="http://www.w3.org/1999/xhtml">
17:     <head>
18:         <script type="text/javascript">
19:             // 
20:
21:                 function validate()
22:                 {
23:                     if (document.forms.registration.email.value == "")
24:                     {
25:                         alert("You must provide an email address.");
26:                         return false;
27:                     }
28:                     else if (document.forms.registration.password1.value == "")
29:                     {
30:                         alert("You must provide a password.");
31:                         return false;
32:                     }
33:                     else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
34:                     {
35:                         alert("You must provide the same password twice.");
36:                         return false;
37:                     }
38:                     else if (!document.forms.registration.agreement.checked)
39:                     {
40:                         alert("You must agree to our terms and conditions.");
41:                         return false;
42:                     }
43:                     return true;
44:                 }
45:
</pre>
```

```
46:    // ]]>
47:    </script>
48:    <title></title>
49: </head>
50: <body>
51:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
52:       Email: <input name="email" type="text" />
53:       <br />
54:       Password: <input name="password1" type="password" />
55:       <br />
56:       Password (again): <input name="password2" type="password" />
57:       <br />
58:       I agree to the terms and conditions: <input name="agreement" type="checkbox" />
59:       <br /><br />
60:       <input type="submit" value="Submit" />
61:     </form>
62: </body>
63: </html>
```

```
0: <!--  
1:  
2: form3.html  
3:  
4: A form with client-side validation demonstrating "with" keyword.  
5:  
6: David J. Malan  
7: Computer Science E-75  
8: Harvard Extension School  
9:  
10: -->  
11:  
12: <!DOCTYPE html PUBLIC  
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"  
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
15:  
16: <html xmlns="http://www.w3.org/1999/xhtml">  
17:   <head>  
18:     <script type="text/javascript">  
19:       // <br/>20:<br/>21:         function validate()<br/>22:         {<br/>23:           with (document.forms.registration)<br/>24:           {<br/>25:             if (email.value == "")<br/>26:             {<br/>27:               alert("You must provide an email address.");<br/>28:               return false;<br/>29:             }<br/>30:             else if (password1.value == "")<br/>31:             {<br/>32:               alert("You must provide a password.");<br/>33:               return false;<br/>34:             }<br/>35:             else if (password1.value != password2.value)<br/>36:             {<br/>37:               alert("You must provide the same password twice.");<br/>38:               return false;<br/>39:             }<br/>40:             else if (!agreement.checked)<br/>41:             {<br/>42:               alert("You must agree to our terms and conditions.");<br/>43:               return false;<br/>44:             }<br/>45:             return true;</pre>
```

```
46:         }
47:     }
48:
49:     // ]]>
50:     </script>
51:     <title></title>
52: </head>
53: <body>
54:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
55:         Email: <input name="email" type="text" />
56:         <br />
57:         Password: <input name="password1" type="password" />
58:         <br />
59:         Password (again): <input name="password2" type="password" />
60:         <br />
61:         I agree to the terms and conditions: <input name="agreement" type="checkbox" />
62:         <br /><br />
63:         <input type="submit" value="Submit" />
64:     </form>
65: </body>
66: </html>
```

```
0: <!--
1:
2: form4.html
3:
4: A form with client-side validation demonstrating "this" keyword.
5:
6: David J. Malan
7: Computer Science E-75
8: Harvard Extension School
9:
10: -->
11:
12: <!DOCTYPE html PUBLIC
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15:
16: <html xmlns="http://www.w3.org/1999/xhtml">
17:     <head>
18:         <script type="text/javascript">
19:             // 
20:
21:             function validate(f)
22:             {
23:                 if (f.email.value == "")
24:                 {
25:                     alert("You must provide an email address.");
26:                     return false;
27:                 }
28:                 else if (f.password1.value == "")
29:                 {
30:                     alert("You must provide a password.");
31:                     return false;
32:                 }
33:                 else if (f.password1.value != f.password2.value)
34:                 {
35:                     alert("You must provide the same password twice.");
36:                     return false;
37:                 }
38:                 else if (!f.agreement.checked)
39:                 {
40:                     alert("You must agree to our terms and conditions.");
41:                     return false;
42:                 }
43:                 return true;
44:             }
45:</pre></div>
```

```
46:    // ]]>
47:    </script>
48:    <title></title>
49: </head>
50: <body>
51:     <form action="process.php" method="get" name="registration" onsubmit="return validate(this);">
52:       Email: <input name="email" type="text" />
53:       <br />
54:       Password: <input name="password1" type="password" />
55:       <br />
56:       Password (again): <input name="password2" type="password" />
57:       <br />
58:       I agree to the terms and conditions: <input name="agreement" type="checkbox" />
59:       <br /><br />
60:       <input type="submit" value="Submit" />
61:     </form>
62: </body>
63: </html>
```

```
0: <!--  
1:  
2: form5.html  
3:  
4: A form with client-side validation demonstrating disabled property.  
5:  
6: David J. Malan  
7: Computer Science E-75  
8: Harvard Extension School  
9:  
10: -->  
11:  
12: <!DOCTYPE html PUBLIC  
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"  
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">  
15:  
16: <html xmlns="http://www.w3.org/1999/xhtml">  
17:   <head>  
18:     <script type="text/javascript">  
19:       // <br/>20:<br/>21:         function toggle()<br/>22:         {<br/>23:           if (document.forms.registration.button.disabled)<br/>24:             document.forms.registration.button.disabled = false;<br/>25:           else<br/>26:             document.forms.registration.button.disabled = true;<br/>27:         }<br/>28:<br/>29:         function validate()<br/>30:         {<br/>31:           if (document.forms.registration.email.value == "")<br/>32:           {<br/>33:             alert("You must provide an email address.");<br/>34:             return false;<br/>35:           }<br/>36:           else if (document.forms.registration.password1.value == "")<br/>37:           {<br/>38:             alert("You must provide a password.");<br/>39:             return false;<br/>40:           }<br/>41:           else if (document.forms.registration.password1.value != document.forms.registration.password2.value)<br/>42:           {<br/>43:             alert("You must provide the same password twice.");<br/>44:             return false;<br/>45:           }</pre>
```



```
46:         else if (!document.forms.registration.agreement.checked)
47:         {
48:             alert("You must agree to our terms and conditions.");
49:             return false;
50:         }
51:         return true;
52:     }
53:
54:     // ]]>
55: </script>
56: <title></title>
57: </head>
58: <body>
59:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
60:         Email: <input name="email" type="text" />
61:         <br />
62:         Password: <input name="password1" type="password" />
63:         <br />
64:         Password (again): <input name="password2" type="password" />
65:         <br />
66:         I agree to the terms and conditions: <input name="agreement" onclick="toggle();" type="checkbox" />
67:         <br /><br />
68:         <input disabled="disabled" name="button" type="submit" value="Submit" />
69:     </form>
70: </body>
71: </html>
```

```

0: <!--
1:
2: form6.html
3:
4: A form with client-side validation demonstrating inline JavaScript.
5:
6: David J. Malan
7: Computer Science E-75
8: Harvard Extension School
9:
10: -->
11:
12: <!DOCTYPE html PUBLIC
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15:
16: <html xmlns="http://www.w3.org/1999/xhtml">
17:     <head>
18:         <script type="text/javascript">
19:             // 
20:
21:                 function validate()
22:                 {
23:                     if (document.forms.registration.email.value == "")
24:                     {
25:                         alert("You must provide an email address.");
26:                         return false;
27:                     }
28:                     else if (document.forms.registration.password1.value == "")
29:                     {
30:                         alert("You must provide a password.");
31:                         return false;
32:                     }
33:                     else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
34:                     {
35:                         alert("You must provide the same password twice.");
36:                         return false;
37:                     }
38:                     else if (!document.forms.registration.agreement.checked)
39:                     {
40:                         alert("You must agree to our terms and conditions.");
41:                         return false;
42:                     }
43:                     return true;
44:                 }
45:
</pre>
```

```
46:    // ]]>
47:    </script>
48:    <title></title>
49:  </head>
50:  <body>
51:    <form action="process.php" method="get" name="registration" onsubmit="return validate();">
52:      Email: <input name="email" type="text" />
53:      <br />
54:      Password: <input name="password1" type="password" />
55:      <br />
56:      Password (again): <input name="password2" type="password" />
57:      <br />
58:      I agree to the terms and conditions: <input name="agreement" onclick="document.forms.registration.button.disabled = !document.forms.registration.button.disabled;" type="checkbox" />
59:      <br /><br />
60:      <input disabled="disabled" name="button" type="submit" value="Submit" />
61:    </form>
62:  </body>
63: </html>
```

```
0: <!--
1:
2: form7.html
3:
4: A form with client-side validation demonstrating regular expressions.
5:
6: David J. Malan
7: Computer Science E-75
8: Harvard Extension School
9:
10: -->
11:
12: <!DOCTYPE html PUBLIC
13:     "-//W3C//DTD XHTML 1.0 Transitional//EN"
14:     "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15:
16: <html xmlns="http://www.w3.org/1999/xhtml">
17:     <head>
18:         <script type="text/javascript">
19:             // 
20:
21:             function validate()
22:             {
23:                 if (!document.forms.registration.email.value.match(/.+@.+\.edu$/))
24:                 {
25:                     alert("You must provide a .edu email address.");
26:                     return false;
27:                 }
28:                 else if (document.forms.registration.password1.value == "")
29:                 {
30:                     alert("You must provide a password.");
31:                     return false;
32:                 }
33:                 else if (document.forms.registration.password1.value != document.forms.registration.password2.value)
34:                 {
35:                     alert("You must provide the same password twice.");
36:                     return false;
37:                 }
38:                 else if (!document.forms.registration.agreement.checked)
39:                 {
40:                     alert("You must agree to our terms and conditions.");
41:                     return false;
42:                 }
43:                 return true;
44:             }
45:</pre></div>
```

```
46:    // ]]>
47:    </script>
48:    <title></title>
49: </head>
50: <body>
51:     <form action="process.php" method="get" name="registration" onsubmit="return validate();">
52:       Email: <input name="email" type="text" />
53:       <br />
54:       Password: <input name="password1" type="password" />
55:       <br />
56:       Password (again): <input name="password2" type="password" />
57:       <br />
58:       I agree to the terms and conditions: <input name="agreement" type="checkbox" />
59:       <br /><br />
60:       <input type="submit" value="Submit" />
61:     </form>
62: </body>
63: </html>
```

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