

```
1 <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
2 <html>
3 <head>
4
5 <!--
6   Client Side Scripting
7   Final Javascript Project
8
9   sKKate Online Store
10  Author: Kathleen Kunsman
11  Date:   April 29, 2010
12
13  Filename:           element.htm
14  Supporting files:  almost_lc.jpg, almost_logo.jpg, almostAngle.jpg,
... almostOver.jpg,
15                    baker_lc.jpg, baker_logo.jpg, bakerAngle.jpg, bakerOver.jpg,
16                    element_lc.jpg, element_logo.jpg, elementAngle.jpg,
... elementOver.jpg,
17                    toyMachine_lc.jpg, toyMachine_logo.jpg, toyMachineAngle.jpg,
... toyMachineOver.jpg,
18                    bottomBorder.png, dude1.png, dude2.png, dude3.png, dude_s.png,
... homeGreen.png, homeOver.png,
19                    sKKateLogoShadow.png, topBGLight.jpg,
20                    styles.css, scripts.js
21  Image source:     Skateboard and logo images were obtained from ccs.com
22  sKKate Logo & Dude:  Designed by Kathleen Kunsman
23
24 -->
25
26 <title>Element Order Form</title>
27
28
29
30
31 <link href="styles.css" rel="stylesheet" type="text/css" />
32
33 <script src="scripts.js" type="text/javascript"></script>
34
35 <script type="text/javascript">
36
37 function setCookie() {
38     var expiresDate = new Date();
39     expiresDate.setFullYear(expiresDate.getFullYear() + 1);
40     document.cookie = encodeURIComponent("fName=" + document.formElement.fName.value)
... +"; expires=" + expiresDate.toUTCString();
41
42 }
43
44 function getUserPrefs() {
45     var userPrefs = decodeURI(document.cookie);
46     if (userPrefs.length !=0) {
47         var prefsArray = userPrefs.split("; ");
48         var curCookie;
49         for (var count = 0; count < prefsArray.length; ++count) {
50             curCookie = prefsArray[count];
51             if (curCookie.substring(0, curCookie.indexOf("=")) == "fName") {
```

```
52         var fName = curCookie.substring(curCookie.indexOf("=")
53 +1, curCookie.length);
54     }
55
56     var welText=("Welcome back, "+fName+"!")
57     document.getElementById("welcome").value = welText;
58 }
59
60 }
61 }
62
63
64 function placeObjects() {
65     hideIt("menu");
66     showIt("home");
67     showIt("logo3");
68     showIt("dude3");
69     placeIt("dude2", 200, 90);
70     moveDudep2();
71 }
72
73     var dudepx=new Array(800,750,700);
74     var dudepy=new Array(100,100,100);
75     index=0;
76
77 function moveDudep2() {
78     if (index <= dudepx.length-1) {
79         placeIt("dude3", dudepx[index], dudepy[index]);
80         index++;
81         setTimeout("moveDudep2()", 100);
82     } else {
83
84         hideIt("dude3");
85         showIt("dude2");
86         moveDude2p2();
87     }
88 }
89
90     var dude2px=new
... Array(650,600,550,500,450,400,400,450,500,550,600,650,700,750);
91     var dude2py=new
... Array(100,100,100,100,100,100,100,100,100,100,100,100,100,100);
92     indexx=0;
93
94 function moveDude2p2() {
95     if (indexx <= dude2px.length-1) {
96         placeIt("dude2", dude2px[indexx], dude2py[indexx]);
97         indexx++;
98         setTimeout("moveDude2p2()", 100);
99     } else {
100         hideIt("dude2");
101         placeIt("dude3",800,100);
102         showIt("dude3");
103         showIt("menu");
104         startForm();
105     }
```

```
106 }
107
108
109 function startForm() {
110     document.formElement.date.value = currentDay();
111     document.formElement.price.value = 44.99;
112 }
113
114 function checkForm() {
115     if (document.formElement.fName.value.length == 0)
116         {alert("Please enter a First Name");
117         return false;}
118     else if (document.formElement.lName.value.length == 0)
119         {alert("Please enter a Last Name");
120         return false;}
121     else if (document.formElement.address1.value.length == 0)
122         {alert("Please enter an Address");
123         return false;}
124     else if (document.formElement.city.value.length == 0)
125         {alert("Please enter a City");
126         return false;}
127     else if (document.formElement.state.selectedIndex == 0)
128         {alert("Please enter a State");
129         return false;}
130     else if (checkZip(document.formElement.zip.value) == false)
131         {alert("Please enter a valid Zip Code");
132         return false;}
133     else if (document.formElement.qtyElement.value == 0)
134         {alert("Please enter a Quantity");
135         return false;}
136
137     calcTotal();
138     setCookie();
139 }
140
141
142
143 function checkZip(zip) {
144     if (zip.length !=5) return false;
145     else {
146         validchars = "0123456789";
147         for (i=0; i<5; i++) {
148             zipchar = zip.charAt(i);
149             if (validchars.indexOf(zipchar) ==-1) return false;
150         }
151     }
152     return true;
153 }
154
155
156 function checkInt(x) {
157
158     var q_len=x.value.length ;
159     var q_code = 0;
160     for (var q_i=0; q_i<q_len; q_i++)
161     {
```

```
162     q_code = x.value.charCodeAt(q_i);
163     if(!((q_code>=48 && q_code<=57)))
164     {
165         alert("Please enter a Valid Quantity");
166
167         return false;
168     }
169 }
170     calcSub();
171 }
172
173
174 function calcSub() {
175     prodCost = parseFloat(document.formElement.price.value);
176     quantity = parseFloat(document.formElement.qtyElement.value);
177     document.formElement.subElement.value = (prodCost*quantity).toFixed(2);
178 }
179 }
180
181 function calcTotal() {
182     var subAmt=parseFloat(document.formElement.subElement.value);
183
184     if (subAmt <=25){
185         document.formElement.shipElement.value = parseFloat(2.50).toFixed(2);
186     }
187     if ((subAmt >25 && subAmt<=75)) {
188         document.formElement.shipElement.value = parseFloat(5.00).toFixed(2);
189     }
190     if ((subAmt >75 && subAmt <=150)) {
191         document.formElement.shipElement.value = parseFloat(7.50).toFixed(2);
192     }
193     if (subAmt >150) {
194         document.formElement.shipElement.value = parseFloat(10.00).toFixed(2);
195     }
196     var shipTot=document.formElement.shipElement.value;
197     var sub2 =
198     ... (parseFloat(document.formElement.subElement.value))+parseFloat(document.
199     ... formElement.shipElement.value));
200
201     var taxRate = .00;
202
203     if (document.formElement.state.value == "PA"){
204         taxRate = .06;
205     }
206     if (document.formElement.state.value == "NJ"){
207         taxRate = .07;
208     }
209     if (document.formElement.state.value == "NY"){
210         taxRate = .08;
211     }
212
213     var taxTot = ((parseFloat(taxRate))*(parseFloat(sub2))).toFixed(2);
214
215     document.formElement.taxElement.value = parseFloat(taxTot).toFixed(2);
216     document.formElement.totElement.value =
217     ... ((parseFloat(subAmt))+parseFloat(shipTot))+parseFloat(taxTot)).toFixed(2);
```

```
215
216 }
217
218 function confirmReset() {
219     if (confirm('Are you sure you want to clear the order form?'))
220         location.reload();
221     else return false;
222 }
223
224
225
226 </script>
227
228 </head>
229
230
231 <body onload= "placeObjects(); getUserPrefs();">
232 <form name="formElement" id="formElement" >
233
234 <div id="container2">
235 <div id="topBorder">
236 <div id="topLogo">
237 </div>
238 </div>
239 <div id="dude1">
240 
241 </div>
242 <div id="dude2">
243 
244 </div>
245 <div id="dude3">
246 
247 </div>
248 <div id="logo3"><a href="element.htm">
249 </a>
250 </div>
251
252
253 <div id ="home"><a href="sKKate.htm"
... onmouseover="document.homeBut.src='images/homeOver.png'"
... onmouseout="document.homeBut.src='images/homeGreen.png'" >
254 </a>
255 </div>
256 <div id="menu"> <input type="text" name="welcome" id="welcome"
... value="Welcome!" size="50" readonly="readonly" />
257 </div>
258
259 <table id="products" cell-padding=".1">
260
261 <th height="25px" width="50px"></th>
262 <th height="25px" width="215px"><a href="almost.htm">ALMOST</a></th>
263 <th height="25px" width="215px"><a href="baker.htm">BAKER</a></th>
264 <th height="25px" width="215px"><a href="element.htm"></a></th>
265 <th height="25px" width="215px"><a href="toyMachine.htm">TOY MACHINE</a></th>
266 <th height="25px" width="50px"></th>
267 </table>
```

```
268
269 <div id="prodBox">
270   <div id="imgBox"></div>
271
272   <div id="desc"><h3>Element Tree Line EA</h3>
273   Product #: 65.01436 <br />
274   Selected Style: Red/Yellow/Green <br />
275   Size: 8.25" x 32" <br />
276   Features: Thriftwood Construction <br />
277   <i>Availability: In Stock </i><br />
278   <h2>$44.99</h2></div>
279 </div>
280
281
282
283 <h3>ORDER FORM</h3>
284 <table id="t1">
285 <tr>
286 <td><label for="date">Today's Date: </label> </td>
287 <td id="bc"><input type="text" name="date" id="date" size="25" /></td></tr>
288 <tr><td><label for="fName">*First Name: </label> </td>
289 <td><input type="text" name="fName" id="fn1" value="" size="25"/></td></tr>
290 <tr>
291 <td><label for="lName">*Last Name: </label> </td>
292 <td><input type="text" name="lName" id="ln1" value="" size="25"/></td></tr>
293 <tr>
294 <td><label for="address1">*Address 1: </label> </td>
295 <td><input type="text" name="address1" id="add1" value=""
... size="25"/></td></tr>
296 <tr>
297 <td><label for="address2">Address 2: </label> </td>
298 <td><input type="text" name="address2" id="add2" value=""
... size="25"/></td></tr>
299 <tr>
300 <td><label for="city">*City: </label> </td>
301 <td><input type="text" name="city" id="city1" value="" size="25" /></td></tr>
302 <tr>
303 <td><label for="state">*State: </label> </td>
304 <td><select name="state" id="state1">
305   <option value="0">Choose State</option>
306   <option value="AK">AK</option> <option value="AL">AL</option> <option
... value="AR">AR</option>
307   <option value="AZ">AZ</option> <option value="CA">CA</option> <option
... value="CO">CO</option>
308   <option value="CT">CT</option> <option value="DC">DC</option> <option
... value="DE">DE</option>
309   <option value="FL">FL</option> <option value="GA">GA</option> <option
... value="HI">HI</option>
310   <option value="IA">IA</option> <option value="ID">ID</option> <option
... value="IL">IL</option>
311   <option value="IN">IN</option> <option value="KS">KS</option> <option
... value="KY">KY</option>
312   <option value="LA">LA</option> <option value="MA">MA</option> <option
... value="MD">MD</option>
313   <option value="ME">ME</option> <option value="MI">MI</option> <option
... value="MN">MN</option>
```

```
314 <option value="MS">MS</option> <option value="MO">MO</option> <option
... value="MT">MT</option>
315 <option value="NC">NC</option> <option value="ND">ND</option> <option
... value="NE">NE</option>
316 <option value="NH">NH</option> <option value="NJ">NJ</option> <option
... value="NM">NM</option>
317 <option value="NV">NV</option> <option value="NY">NY</option> <option
... value="OH">OH</option>
318 <option value="OK">OK</option> <option value="OR">OR</option> <option
... value="PA">PA</option>
319 <option value="RI">RI</option> <option value="SC">SC</option> <option
... value="SD">SD</option>
320 <option value="TN">TN</option> <option value="TX">TX</option> <option
... value="UT">UT</option>
321 <option value="VA">VA</option> <option value="VT">VT</option> <option
... value="WA">WA</option>
322 <option value="WI">WI</option> <option value="WV">WV</option> <option
... value="WY">WY</option>
323 </select>
324 </td></tr>
325 <tr>
326 <td><label for="zip">*Zip Code: </label> </td>
327 <td><input type="text" name="zip" id="zip1" value="" size="5"
... maxLength="5"/></td></tr>
328
329 </table>
330 <p>
331 <table id="t2">
332 <tr>
333 <td><label for="pricel">Element Tree Line EA</label></td>
334 <td id="bc"><input type="text" name="price" id="pricel" text-align="right"
... value="" size="10" readonly="readonly"/></td></tr>
335 <tr>
336 <td><label for="qty1">*Quantity</label></td>
337 <td><input type="text" name="qtyElement" id="qty1" value="" size="10"
... onchange='checkInt(this) '/></td></tr>
338 <tr>
339 <td><label for="sub1">Sub-Total</label></td>
340 <td><input type="text" name="subElement" id="sub1" value="0.00" size="10"
... readonly="readonly"/></td></tr>
341 <tr>
342 <td><label for="shipl">Shipping</label></td>
343 <td><input type="text" name="shipElement" id="shipl" value="0.00" size="10"
... readonly="readonly"/></td></tr>
344 <tr>
345 <td><label for="tax1">Tax</label></td>
346 <td><input type="text" name="taxElement" id="tax1" value="0.00" size="10"
... readonly="readonly"/></td></tr>
347 <tr>
348 <td><label for="tot1">Total</label></td>
349 <td><input type="text" name="totElement" id="tot1" value="0.00" size="10"
... readonly="readonly"/></td></tr>
350 </table>
351 </p>
352
353 </form>
```

```
354
355 </div>
356 <h3><input type="button" name="calc" id="calc1" value="Calculate"
... onclick="return checkForm()"/><input type="button" name="reset" id="reset"
... value="Reset" onclick="confirmReset()"/><br />
357 </h3>
358 <div id="botBorder">
359 </div>
360
361 </div>
362 </body>
363
364 </html>
```