Sorting :

var gbAscending = true;

var gbCol = 0;

function sortCallBack(a, b) {

// each of the arguments passed to this function is a TR node

// with one or more child TD nodes.

// get the child node of each TR element that corresponds

// to the column to be sorted.

var col1 = a.getElementsByTagName("TD")[gbCol];

var col2 = b.getElementsByTagName("TD")[gbCol];

// now get the text node for each col

var text1 = col1.firstChild.data;

var text2 = col2.firstChild.data;

// now that we have the text nodes, do the sorting

if (text1 < text2)

return gbAscending ? -1 : 1;

else if (text1 > text2)

return gbAscending ? 1 : -1;

else return 0;

}

function insertSortControls() {

var oLink;

oLink = document.getElementById("ItemDescend");

oLink.removeAttribute("href");

com\_joemarini.EVENTS.addEventHandler(oLink, "click", function() { sortTable('theList', 0, true) },false);

oLink = document.getElementById("ItemAscend");

oLink.removeAttribute("href");

com\_joemarini.EVENTS.addEventHandler(oLink, "click", function() { sortTable('theList', 0, false) },false);

oLink = document.getElementById("PriceDescend");

oLink.removeAttribute("href");

com\_joemarini.EVENTS.addEventHandler(oLink, "click", function() { sortTable('theList', 1, true) },false);

oLink = document.getElementById("PriceAscend");

oLink.removeAttribute("href");

com\_joemarini.EVENTS.addEventHandler(oLink, "click", function() { sortTable('theList', 1, false) },false);

}

function sortTable(whichTable, whichCol, sortDir) {

// get the table object that has the ID we were given as an argument

var oTable = document.getElementById(whichTable);

// begin by getting the node for the TBODY, since that

// node contains all the rows to be sorted

var oTBody = oTable.getElementsByTagName('TBODY')[0];

// get all of the TR tags within the tbody

var aTRows = oTBody.getElementsByTagName('TR');

// store the length of the TR array

var numRows = aTRows.length;

gbAscending = sortDir;

gbCol = whichCol;

// make an array to hold each TR tag in the body.

var theSortedRows = new Array(numRows);

// copy each TR tag into the array. Do a "deep clone" on

// each TR tag so that all of the child TD tags come along

// with it.

var i;

for (i = 0; i < numRows; i++) {

theSortedRows[i] = aTRows[i].cloneNode(true);

}

// now -- sort the array!

theSortedRows.sort(sortCallBack);

// now that the array has been sorted, we put back all of the

// table rows that we had copied out earlier.

// First, get rid of the the current TBODY.

oTable.removeChild(oTBody);

// make a new one in its place

oTBody = document.createElement("TBODY");

oTable.appendChild(oTBody);

// now insert all of the sorted TR tags from the sorted array

for (i = 0; i < numRows; i++) {

oTBody.appendChild(theSortedRows[i]);

}

}

com\_joemarini.EVENTS.addEventHandler(window, "load", function() { insertSortControls(); }, false);

**css:**

img {

border:0;

}

th,td {

font-family: Verdana, Arial, Helvetica, sans-serif;

font-size: 18px;

color: #000000;

}

tr {

border: 1px solid gray;

}

td {

width:200px;

}

th {

background-color:#D2E0E8;

color:#003366

}

.clickable {

cursor:pointer;

}

Htm l “

<html>

<head>

<link href="TableSorting.css" rel="Stylesheet" />

<title>Sorting a Table</title>

<meta http-equiv="Content-Type" content="text/html; charset=iso-8859-1" />

<script type="text/javascript" src="../com\_joemarini.js"></script>

<script type="text/javascript" src="TableSorting.js">

</script>

</head>

<body>

<h1>Using &quot;progressive enhancement&quot; to enable features as they are available</h1>

<p>Click the arrows to sort by ascending or descending values.</p>

<table border="1" cellpadding="3" cellspacing="0" id="theList">

<thead>

<tr>

<th> Item

<a id="ItemDescend" href="http://my.site.com/sort.aspx?Item=Descend">

<img class="clickable" src="images/down.gif" alt="Sort Items Descending"/></a>

<a id="ItemAscend" href="http://my.site.com/sort.aspx?Item=Ascend">

<img class="clickable" src="images/up.gif" alt="Sort Items Ascending"/></a></th>

<th> Price

<a id="PriceDescend" href="http://my.site.com/sort.aspx?Price=Descend">

<img class="clickable" src="images/down.gif" alt="Sort Price Descending" /></a>

<a id="PriceAscend" href="http://my.site.com/sort.aspx?Price=Ascend">

<img class="clickable" src="images/up.gif" alt="Sort Price Ascending"/></a></th>

</tr>

</thead>

<tbody>

<tr>

<td>Milk</td>

<td>1.99</td>

</tr>

<tr>

<td>Eggs</td>

<td>2.29</td>

</tr>

<tr>

<td>Butter</td>

<td>3.49</td>

</tr>

<tr>

<td>Bread</td>

<td>0.99</td>

</tr>

<tr>

<td>Pasta</td>

<td>1.19</td>

</tr>

<tr>

<td>Honey</td>

<td>4.39</td>

</tr>

<tr>

<td>Cookies</td>

<td>2.99</td>

</tr>

<tr>

<td>Apples</td>

<td>0.59</td>

</tr>

<tr>

<td>Sugar</td>

<td>1.78</td>

</tr>

<tr>

<td>Pepper</td>

<td>1.56</td>

</tr>

</tbody>

</table>

<p>&nbsp;</p>

</body>

</html>