

```

1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2      "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3  <html xmlns="http://www.w3.org/1999/xhtml">
4  <head>
5      <title>My Guitar Shop</title>
6      <link rel="stylesheet" type="text/css" href="main.css"/>
7  </head>
8  <body>
9      <div id="page">
10         <div id="header">
11             <h1>My Guitar Shop</h1>
12         </div>
13         <div id="main">
14
15             <h1>Add Item</h1>
16             <form action="." method="post">
17                 <input type="hidden" name="action" value="add"/>
18
19                 <label>Name:</label>
20                 <select name="productkey">
21                     <?php foreach($products as $key => $product) :
22                         $cost = number_format($product['cost'], 2);
23                         $name = $product['name'];
24                         $item = $name . ' ($' . $cost . ')';
25                     <?>
26                         <option value="<?php echo $key; ?>">
27                             <?php echo $item; ?>
28                         </option>
29                     <?php endforeach; ?>
30                 </select><br />
31
32                 <label>Quantity:</label>
33                 <select name="itemqty">
34                     <?php for($i = 1; $i <= 10; $i++) : ?>
35                         <option value="<?php echo $i; ?>">
36                             <?php echo $i; ?>
37                         </option>
38                     <?php endfor; ?>
39                 </select><br />
40
41                 <label>&nbsp;</label>
42                 <input type="submit" value="Add Item"/>
43             </form>
44             <p><a href="?.action=show_cart">View Cart</a></p>
45
46         </div><!-- end main -->
47     </div><!-- end page -->
48 </body>
49 </html>

```

```

1  <?php
2  function add_item($key, $quantity) {
3      global $products;
4      if ($quantity < 1) return;
5
6      if (isset($_SESSION['cart12'][$key])) {
7          $quantity += $_SESSION['cart12'][$key]['qty'];
8          update_item($key, $quantity);
9          return;
10     }
11
12     $cost = $products[$key]['cost'];
13     $total = $cost * $quantity;
14     $item = array(
15         'name' => $products[$key]['name'],
16         'cost' => $cost,
17         'qty' => $quantity,
18         'total' => $total
19     );
20     $_SESSION['cart12'][$key] = $item;
21 }
22
23 function update_item($key, $quantity) {
24     global $products;
25     $quantity = (int) $quantity;
26     if (isset($_SESSION['cart12'][$key])) {
27         if ($quantity <= 0) {
28             unset($_SESSION['cart12'][$key]);
29         } else {
30             $_SESSION['cart12'][$key]['qty'] = $quantity;
31             $total = $_SESSION['cart12'][$key]['cost'] *
32                 $_SESSION['cart12'][$key]['qty'];
33             $_SESSION['cart12'][$key]['total'] = $total;
34         }
35     }
36
37     function get_subtotal () {
38         $subtotal = 0;
39         foreach ($_SESSION['cart12'] as $item) {
40             $subtotal += $item['total'];
41         }
42         $subtotal = number_format($subtotal, 2);
43         return $subtotal;
44     }
45     ?>

```

```

1  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
2      "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
3  <html xmlns="http://www.w3.org/1999/xhtml">
4  <head>
5      <title>My Guitar Shop</title>
6      <link rel="stylesheet" type="text/css" href="main.css"/>
7  </head>
8  <body>
9      <div id="page">
10         <div id="header">
11             <h1>My Guitar Shop</h1>
12         </div>
13         <div id="main">
14             <h1>Your Cart</h1>
15             <?php if (count($_SESSION['cart12']) == 0) : ?>
16                 <p>There are no items in your cart.</p>
17             <?php else: ?>
18                 <form action="." method="post">
19                     <input type="hidden" name="action" value="update">
20                     <table>
21                         <tr id="cart_header">
22                             <th class="left">Item</th>
23                             <th class="right">Item Cost</th>
24                             <th class="right">Quantity</th>
25                             <th class="right">Item Total</th>
26                         </tr>
27                         <?php foreach( $_SESSION['cart12'] as $key => $item ) :
28                             $cost = number_format($item['cost'], 2);
29                             $total = number_format($item['total'], 2);
30                             <?>
31                             <tr>
32                                 <td>
33                                     <?php echo $item['name']; ?>
34                                 </td>
35                                 <td class="right">
36                                     $<?php echo $cost; ?>
37                                 </td>
38                                 <td class="right">
39                                     <input type="text" class="cart_qty"
40                                         name="newqty[<?php echo $key; ?>]"
41                                         value="<?php echo $item['qty']; ?>" />
42                                 </td>
43                                 <td class="right">
44                                     $<?php echo $total; ?>
45                                 </td>
46                             </tr>
47                         <?php endforeach; ?>
48                         <tr id="cart_footer">
49                             <td colspan="3"><b>Subtotal</b></td>
50                             <td>$<?php echo get_subtotal(); ?></td>
51                         </tr>
52                         <tr>
53                             <td colspan="4" class="right">
54                                 <input type="submit" value="Update Cart"/>
55                             </td>
56                         </tr>
57                     </table>
58                     <p>Click "Update Cart" to update quantities in your
59                         cart. Enter a quantity of 0 to remove an item.
60                     </p>
61                 </form>
62             <?php endif; ?>
63             <p><a href="?.?action=show_add_item">Add Item</a></p>
64             <p><a href="?.?action=empty_cart">Empty Cart</a></p>
65         </div><!-- end of main -->
66     </div><!-- end of page -->
67

```

```
68     </body>
69   </html>
70
```

```

1  /* the styles for the HTML elements */
2  body {
3      margin-top: 0;
4      background-color: rgb(128, 141, 159);
5      font-family: Arial, Helvetica, sans-serif;
6  }
7  h1 {
8      font-size: 150%;
9      margin: 0;
10     padding: .5em 0 .25em;
11 }
12 h2 {
13     font-size: 120%;
14     margin: 0;
15     padding: .25em 0 .5em;
16 }
17 h1, h2 {
18     color: rgb(205, 163, 94);
19 }
20
21 ul {
22     margin: 0 0 1em 0;
23     padding: 0 0 0 2.5em;
24 }
25 li {
26     margin: 0;
27     padding: 0;
28 }
29 a {
30     color: rgb(69, 85, 106);
31     font-weight: bold;
32 }
33
34 a:hover {
35     color: blue;
36 }
37 form {
38     margin: 0;
39 }
40 label {
41     width: 5em;
42     float: left;
43     margin-right: 1em;
44     text-align: right;
45     margin-bottom: 1em;
46 }
47 table {
48     width: 70%;
49     border-collapse: collapse;
50 }
51 td, th {
52     padding: .25em 0;
53 }
54 br {
55     clear: both;
56 }
57 /* the styles for the div tags that divide the page into sections */
58 #page {
59     width: 760px;
60     margin: 0 auto;
61     background-color: white;
62     border: 1px solid rgb(119, 75, 77);
63 }
64 #header {
65     margin: 0;
66     border-bottom: 2px solid rgb(119, 75, 77);
67     padding: .5em 2em;
68 }
69 #header h1 {

```

```
70     margin: 0;
71     padding: .5em 0;
72     color: black;
73 }
74 #main {
75     margin: 0;
76     padding: .5em 2em;
77 }
78 #footer {
79     clear: both;
80     margin-top: 1em;
81     padding-right: 1em;
82     border-top: 2px solid rgb(119, 75, 77);
83 }
84 #footer p {
85     text-align: right;
86     font-size: 80%;
87     margin: 1em 0;
88 }
89 /* the styles for the table header and footer */
90 #cart_header th {
91     border-bottom: 2px solid black;
92 }
93 #cart_footer td {
94     text-align: right;
95     border-top: 2px solid black;
96 }
97 /* the styles for the classes */
98 .right {
99     text-align: right;
100 }
101 .left {
102     text-align: left;
103 }
104
105 .cart_qty {
106     text-align: right;
107     width: 3em;
108 }
109
110
```

```

1  <?php
2  // Start session management with a persistent cookie
3  $lifetime = 60 * 60 * 24 * 14;
4  session_set_cookie_params($lifetime, '/');
5  session_start();
6
7  // Create a cart array if needed
8  if (empty($_SESSION['cart12'])) $_SESSION['cart12'] = array();
9
10 // Create a table of products
11 $products = array();
12 $products['MMS-1754'] = array('name' => 'Flute', 'cost' => '149.50');
13 $products['MMS-6289'] = array('name' => 'Trumpet', 'cost' => '199.50');
14 $products['MMS-3408'] = array('name' => 'Clarinet', 'cost' => '299.50');
15
16 // Include cart functions
17 require_once('cart.php');
18
19 // Get the action to perform
20 if (isset($_POST['action'])) {
21     $action = $_POST['action'];
22 } else if (isset($_GET['action'])) {
23     $action = $_GET['action'];
24 } else {
25     $action = 'show_add_item';
26 }
27
28 // Add or update cart as needed
29 switch($action) {
30     case 'add':
31         add_item($_POST['productkey'], $_POST['itemqty']);
32         include('cart_view.php');
33         break;
34     case 'update':
35         $new_qty_list = $_POST['newqty'];
36         foreach($new_qty_list as $key => $qty) {
37             if ($_SESSION['cart12'][$key]['qty'] != $qty) {
38                 update_item($key, $qty);
39             }
40         }
41         include('cart_view.php');
42         break;
43     case 'show_cart':
44         include('cart_view.php');
45         break;
46     case 'show_add_item':
47         include('add_item_view.php');
48         break;
49     case 'empty_cart':
50         unset($_SESSION['cart12']);
51         include('cart_view.php');
52         break;
53 }
54 ?>

```