Lab 4 Total Calculator

In this exercise, you will total the prices for items selected on an order form, using both a `for` statement and an `if` statement. You'll also add an event listener to the Submit button.

1. In your text editor, open **index.htm** from the Lab folder. Enter your name and today's date where indicated in the comment section in the document head.

2. At the bottom of the document, before the closing </body> tag, enter <script>, insert a blank line, and then enter </script> to create a new script section.

3. Within the script section you created in the previous step, enter the following function:

```
47      <script>
48          // function to add values of selected check boxes & display total
49          function calcTotal() {
50
51          }
52      </script>
```

4. Within the function braces, define the following global variables:

```
50              var itemTotal = 0,
51                  items = document.getElementsByTagName("input");
```

5. Below the global variables, enter the following `for` statement:

```
53              for (var i = 0; i < 5; i++) {
54                  if (items[i].checked) {
55                      itemTotal += (items[i].value * 1);
56                  }
57              }
```

> **Note** `items[i].value` is multiplied by 1 to ensure that it is treated as a number rather than a string.

6. Below the closing } for the `for` statement, enter the following statement to write the result to the web document:

```
59              document.getElementById("total")
60                  .innerHTML = "Your order total is $" + itemTotal + ".00";
```

7. Below the closing } for the function, enter the following code to create an event listener:

```
63        var submitButton = document.getElementById("sButton");
64        submitButton.addEventListener("click", calcTotal);
```

8.Save your work, open **index.htm** in a browser, check the **Fried chicken** and **Side salad** check boxes, and then click **Submit**. The text "Your order total is $14.00" should be displayed on the right side of the page as shown below.

Hands-on Project 3-1

Lunch selections

☑ Fried chicken ($8.00)   **Your order total is $14.00**
☐ Fried halibut ($10.00)
☐ Hamburger ($8.00)
☐ Grilled salmon ($13.00)
☑ Side salad ($6.00)

[Submit]

Figure 3-23: Web page displaying order total for selected items