**Summary**

***Trophy Case Sports***: Sarah Nordheim manages the website for Trophy Case Sports, a sports memorabilia store located in Beavercreek, Ohio. She has asked you to work on creating a script for the shopping cart page. The script should take information on the items that the customer has purchased and present it in tabular form, calculating the total cost of the order.

Sarah has already designed the page layout. Your job will be to use JavaScript to enter the order information (this task will later be handled by a script running on the website) and to write a script that generates the HTML code for the shopping cart table.

A preview of the shopping cart page is shown above.

The style sheets and graphic files have already been created for you. Your job is to write the HTML markup.

**Instructions**

This Review Assignment contains interactive instructions that you can complete to ensure you've completed the instruction correctly.

After reading each instruction thoroughly, perform the requested change in the code editor to the right. You can use the **Build Website** button to refresh your website preview at any point and view a full-page version of your website by clicking the arrow in the top right corner of your website preview.

After you've completed an instruction, click the corresponding check box in your list of instructions. This will trigger simulated tests of your website to ensure that you successfully completed the instruction.

Click **Next Step** to get started!

HTML FILE

### Setup

Enter **your name** and **the date** in the comment section of **tc\_cart.html** , **tc\_cart.js** and **tc\_order.js**.

### Link JS Files

Go to the **tc\_cart.html** file and directly above the closing </head> tag, insert script elements to link the page to the **tc\_order.js** and **tc\_cart.js** files in that order. Defer the loading and running of both script files until after the page has loaded.

You will not be tested on this instruction, but you should still complete this step.

### Insert Cart Element

Scroll down the file and directly below theh1 heading titled “Shopping Cart” insert a div element with the ID **cart**.

**ORDER JS FILE**

### Item Number Array

Open the **tc\_order.js** file. You will create arrays containing information on a sample customer order. Create an array named **item** that will contain the ID numbers of the items purchased by the customer. Add the following four item numbers to the array: **10582**, **23015**, **41807**, and **10041**

### Item Description Array

Create an array named **itemDescription** containing the following item descriptions:

* 1975 Green Bay Packers Football (signed), Item 10582
* Tom Landry 1955 Football Card (unsigned), Item 23015
* 1916 Army-Navy Game, Framed Photo (signed), Item 41807
* Protective Card Sheets, Item 10041.

### Item Price Array

Create an array named **itemPrice** containing the following item prices: **149.93**, **89.98**, **334.93**, and **22.67**.

### Item Quantity Array

Create an array named **itemQty** containing the following quantities that the customer ordered of each item: **1**, **1**, **1**, and **4**.

**CART JS FILE**

**Variables**

Open **tc\_cart.js**. In your script, you will calculate a running total of the cost of the order. Declare a variable named **orderTotal** and set its initial value to 0.

Declare a variable named **cartHTML** that will contain the HTML code for the contents of the shopping cart, which will be displayed as a table. Set its initial value to the text string:

<table>  
<tr>  
<th>Item</th><th>Description</th><th>Price</th><th>Qty</th><th>Total</th>   
</tr>

**For Loop**

Create a for loop that loops through the entries in the **item** array. Each time through the loop, execute the commands described in the following steps:

* Add the following HTML code to the value of the **cartHTML** variable

<tr>  
<td><img src='tc\_ item .png' alt=' item ' /></td>

where item is the current value from the **item** array.

* Add the following HTML code to the **cartHTML** variable to display the description, price, and quantity ordered of the item

<td> description </td>  
<td>$ price </td>  
<td> quantity </td>

where description is the current value from the **itemDescription** array, price is the current value from the **itemPrice** array preceded by the **$**, and quantity is the current value from the **itemQty** array.

* Declare a variable named **itemCost** equal to the price value multiplied by the quantity value for the current item.
* Add the following HTML code to the **cartHTML** variable to display the cost for the item(s) ordered, completing the table row

<td>$ cost </td></tr>

where cost is the value of the **itemCost** variable, preceded by a **$**.

* Add the value of the **itemCost** variable to the **orderTotal** variable to keep a running total of the total cost of the customer order.

**For Loop Completion**

After the for loop has completed, add the following HTML code to the value of the **cartHTML** variable, completing the shopping cart table

<tr>  
<td colspan='4'>Subtotal</td>  
<td>$ total </td>  
</tr>  
</table>

where total is the value of the **orderTotal** variable, preceded by a **$**.