8.10.3 Hands-On Practice

PROJECT 1: Art Store

DIFFICULTY LEVEL: Beginner

Overview

Demonstrate your proficiency with loops, conditionals, arrays, and functions in JavaScript. The final project will look similar to that shown in Figure 8.30.

Instructions

- You have been provided with the HTML file (ch08-proj01.html) that includes the markup for the finished version. Preview the file in a browser.
- Examine the data file data.js. It contains an array that we are going to use to programmatically generate the data rows (and replace the hard-coded markup supplied in the HTML file).
- Open the JavaScript file functions.js and create a function called calculateTotal() that is passed a quantity and price and returns their product (i.e., multiply the two parameter values and return the result).
- 4. Within functions.js, create a function called outputCartRow() that has the following signature:

function outputCartRow(item, total) {}

 Implement the body of this function. It should use document.write() calls to display a row of the table using the passed data. Use the toFixed() method of the number variables to display two decimal places.

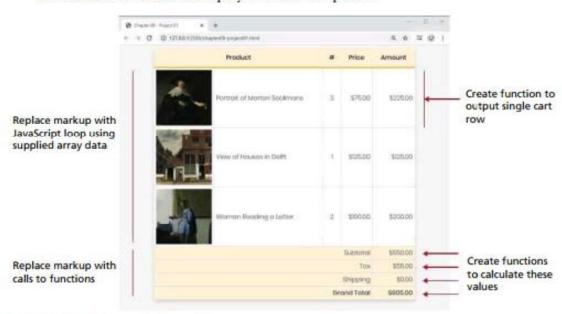


FIGURE 8.30 Completed Project 1