

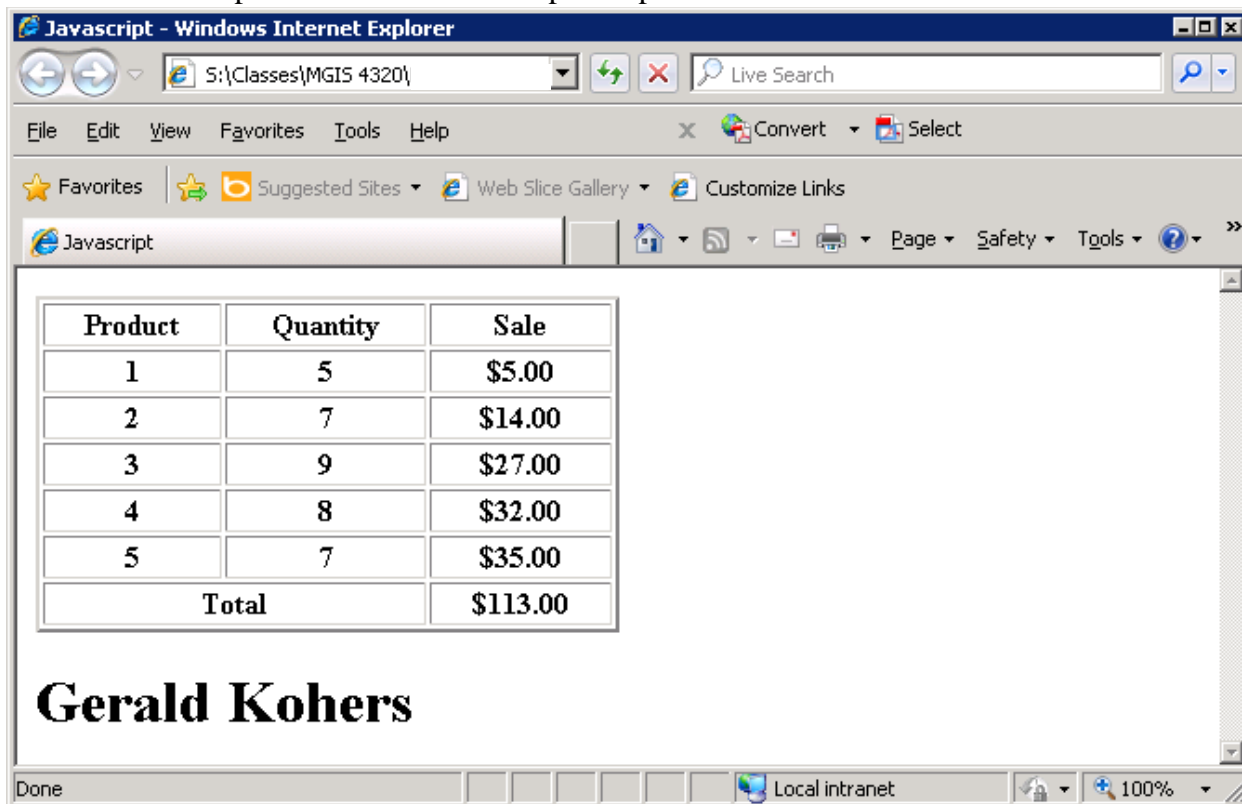
JavaScript HW1

1. Write a script that reads in two integers from a user and displays whether or not the sum is EVEN or ODD. Display as a header level 1 the two numbers entered, sum, and even/odd. ($3 + 4 = 7$ ODD)
2. Write a script that calculates the squares and cubes of the numbers from 1 to 15 (use a loop) and outputs the results using a table. Consider using `document.write`

Number	Square	Cube
1	1	1
2	4	8
:	:	:
15	225	3375

3. Write a script that has the user enter in a valid 5 digit integer (10000 – 99999). Verify that the number entered is valid. Assume a leading 0 is not a valid entry. Determine whether or not the number entered is a palindrome (left to right is the same as right to left).
4. Your company sells the following 5 products:
 - Product 1 = \$1.00
 - Product 2 = \$2.00
 - Product 3 = \$3.00
 - Product 4 = \$4.00
 - Product 5 = \$5.00

Write a script that has the user enter in the **product number** and then the **quantity ordered**. The same product can be ordered multiple times. Use a **switch** to help determine the total retail value of each product sold. Use a sentinel loop to display the final results. The final results should show the **product number, cost/product number, total quantity ordered/product number, total cost/product number** and at the bottom show the **total cost** for all of the products combined. Sample output is shown below.



The screenshot shows a Windows Internet Explorer browser window. The address bar displays the local file path `S:\Classes\MGIS 4320\`. The browser's menu bar includes File, Edit, View, Favorites, Tools, and Help. Below the menu bar are toolbars for Favorites, Suggested Sites, Web Slice Gallery, and Customize Links. The main content area displays a table with the following data:

Product	Quantity	Sale
1	5	\$5.00
2	7	\$14.00
3	9	\$27.00
4	8	\$32.00
5	7	\$35.00
Total		\$113.00

Below the table, the text **Gerald Kohers** is displayed. The browser's status bar at the bottom shows 'Done', 'Local intranet', and a zoom level of 100%.

Save all four problems as

lastname_js1.html