

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

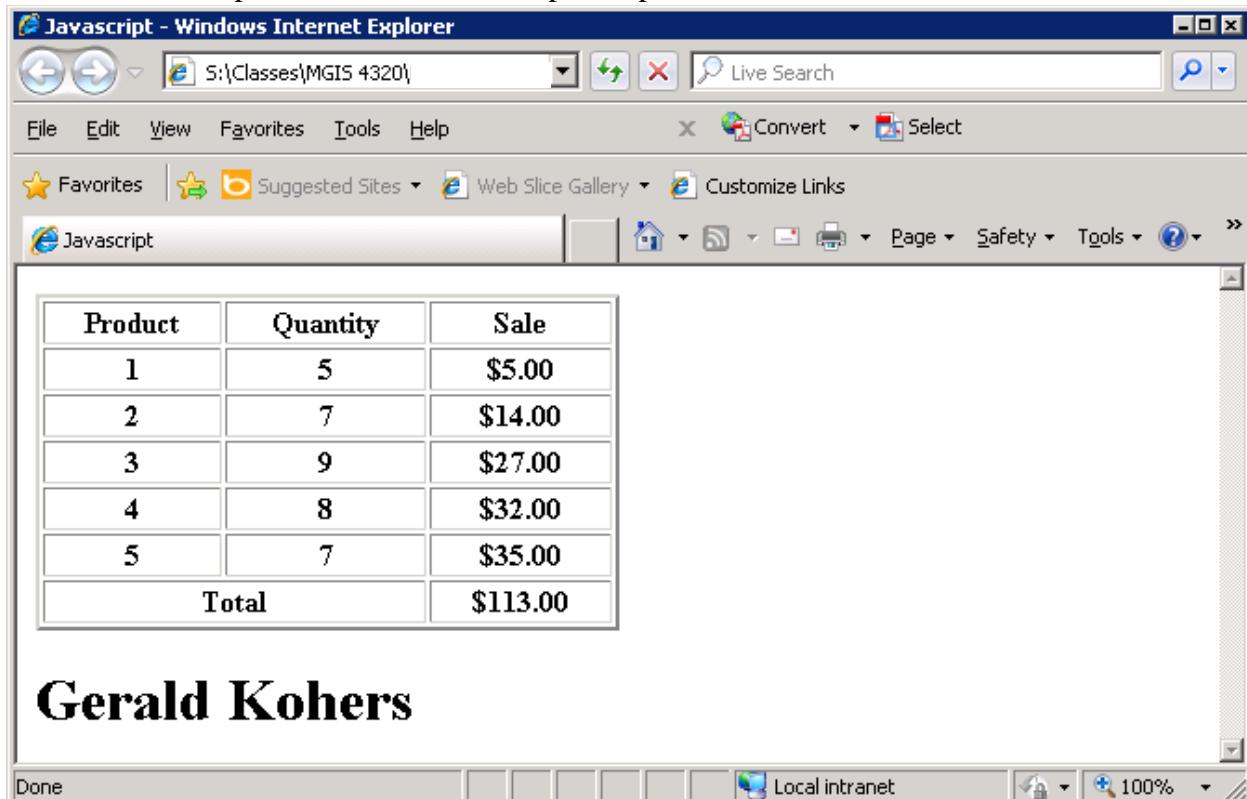
Product 2 = \$2.00

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 Microsoft Internet Explorer window with the title "Javascript - Windows Internet Explorer". The address bar shows "S:\Classes\MGIS 4320\". The toolbar includes standard buttons for back, forward, search, and file operations. The menu bar includes "File", "Edit", "View", "Favorites", "Tools", and "Help". The status bar at the bottom shows "Done", "Local intranet", "100%", and a search icon. The main content area displays a table of product sales 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 name "Gerald Kohers" is displayed in a large, bold, black font.

Save all four problems as

lastname_js1.html