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| --- | --- | --- | --- | --- |
| IPO and Data Dictionary | | | | |
| Variable/Constant name | **Description** | **Input** | **Processing** | **Output** |
| BR | HTML line break | "<br />" |  |  |
| ES | extra space | " " |  |  |
| LE | line end | "." |  |  |
| quarterOne | Quarter 1 sales | Q 1 sales |  |  |
| quarterTwo | Quarter 2 sales | Q 2 sales |  |  |
| quarterThree | Quarter 3 sales | Q 3 sales |  |  |
| quaterFour | Quarter 4 sales | Q 4 sales |  |  |
| total | total sales |  | total = quarterOne + quarterTwo + quarterThree + quarterFour | total |
| average | average sale per quarter |  | average = total / 4 | average |

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| --- |
| Date: |
| Description: |

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| Coding | |
| //Programmer: | Nanette K. Hartley, Ph. D. |
| //Language: | JavaScript |
| //Program Name: | autoSalesStats.js |
| //Date: | 10/8/2013 |
| //Description: | Calculates the total of quarterly sales, then computes the quarterly average of those sales. |
| //Declaration of variables and constants | |
| var name = 0 or ES;  see above. | |
| //Program Heading | |
| document.write("Welcome to" + ES + NAME + "!" + ES + ES + "This program will calculate the yearly total sales and the average quarterly sales from the sales per quarter." + BR + BR); | |
| //Requesting Input | |
| = prompt(" ");  parse | |
| //Processing | |
|  | |
| //Required Output | |
| document.write(" "); | |
| //Thank the user and end program | |
| document.write(" "); | |