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| The user's response (Yes/No) to determine whether they want to input vehicle data. | If the user enters "Yes", prompt for:   Make of the car (e.g., Honda, Toyota, etc.)  Model of the car (e.g., Accord, Rav4)  Electric Vehicle code (Y or N)   MSRP (sticker price) of the car. | Display the "Out the Door Price" (after calculating the discount and sales tax) for each car |
| Make, Model, Electric Vehicle code (Yes/No), and MSRP of the car. | Determine the discount based on the make, model, and electric vehicle status using the following rules:  Honda Accord - 10% off MSRP   Toyota Rav4 - 15% off MSRP   All electric vehicles - 30% off MSRP   All other vehicles - 5% off MSRP | Sum of all MSRPs (total MSRP of all cars entered). |
|  | Compute the new MSRP by applying the discount.  Add 7% sales tax to the discounted price.  Sum the final sales prices of all cars (Discounted MSRP + tax). | Sum of all final sales prices (after discount and tax). |
|  | |  | | --- | |  |  |  | | --- | | Return the "Out the Door Price" for each car, which includes the MSRP minus discount, plus the 7% sales tax. | |  |
|  | Repeat this process for each car as long as the user answers "Yes" to continue. |  |
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