[Assignments](https://onlcourses.tridenttech.edu/d2l/lms/dropbox/user/folders_list.d2l?ou=184171) Raptor Assignment 4

Raptor Assignment 4

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| Instructions |  |
| Assignment 4 - Automotive Junk Yard Problem - UPDATE!  *(Program based on a 'Selection' and 'Loop' structures, Counters and Accumulators)*    You have been tasked with *updating* a program for a automotive junk yard. They still want want to encourage their customers to make large purchases ($1000 or more) so the customer can get 15% off their order.  Additionally, sales tax is 8% and they are no longer offering the 1% sales tax to customers over 70 years old. However, they still want to display a receipt showing the amount of purchase, the amount of the discount (if any), sales tax, and the total costs.  At the end of the day, they want a summary displaying the total number of customers and the total amount of sales (includes the sales tax).    Requirements:   * Flowchart *must*list ALL variables (constant and regular) *first* * Begin by asking the customer if they want to make a purchase (yes or no)? * Next, ask the customer for their purchase amount (if the previous response was a "yes") * At the end of the transaction, they want to provide the customer a receipt with the following information:      + Initial amount of the order   + Total amount of discount (if any)   + The subtotal (initial order minus the discount)   + The amount of sales tax   + Total                  Determine if there is another customer (yes or no)                Receipt Example*:               (Based on 3 customers - for testing purposes only)*                Order = $2000                Discount = $300                Sub Total = $1700                Sales Tax = $136                Total = $1836                 Order = $200                Discount = $0                Sub Total = $200                Sales Tax = $16                Total = $216                Order = $1000               Discount = $150               Sub Total = $850               Sales Tax = $68               Total = $918   * When there are no more customers, display the following information:   **Example***: (based on the test information above)*           Total Customers =  3           Total Sales = $2970   * Using 'Raptor', (*Mac users - see step 2*), develop a runnable flowchart based on the stated problem. It must contain all the variables, inputs, computations, and output:    1. Right click on the 'Start" symbol and add a comment. The comment must contain the following: **Name Course Date Assignment number** *Example:* Carter Burns Aug 22, 2022 CPT 114 Raptor Assignment 4   2. Mac users - create a flowchart using Diagrams.net.  It must contain all the variables, inputs, selection and loop structures and computations. Your output will not look like above, but please be sure you indicate what variables would be used in your output.    Insert a Rectangle symbol (separate from your flowchart) preferable at the top of the page with the same information listed in step 3   Raptor users - Submit your Raptor assignment file (should have a ***.rap*** extension) to this Raptor Assignment 4 submissions folder. | |

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