**PS9P1 – IPO**

Allow the user to enter a quantity and price, use ctl+z to stop. Use a function to compute the total (quantity times price). The function should be passed the quantity and price and then return the total. In the function, provide a 10% discount if the total is over $10,0000.00. Display quantity, price, and total. Sum and display the extended price.

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionExtPrice(Qty, UnitPrice)  Extprice = Qty \* UnitPrice  If ExtPrice > 10,000:  DiscAmt = ExtPrice \* 0.10  Else:  DiscAmt = 0.00  NewExtPrice = ExtPrice – DiscAmt  Return NewExtPrice |  |
| Qty  UnitPrice |  |  |
|  | Main  TotalExtPrice = 0.00  Would you like to execute this program? (Yes or No)  While (Yes):  Input Qty, Price  ExtPrice = FunctionExtPrice(Qty, Price)  **Display:** *Qty, Price, NewExtPrice*  TotalExtPrice = TotalExtPrice + NewExtPrice  Would you like to continue with this program? (Yes or No) | Qty  UnitPrice  NewExtPrice |
|  | **Display:** *TotalExtPrice* | TotalExtPrice |