**PS11P1 – IPO**

The input consists of quantity, price and discount rate. Use a function to compute the discount amount and discounted price. Then display these values in main along with the quantity and price. (The function should return both discount amount and discounted price).

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| **INPUT** | **PROCESSING** | **OUTPUT** |
|  | FunctionDiscount(Quantity, UnitPrice, DiscRate):  ExtendedPrice = Quantity \* UnitPrice  DiscAmt = ExtendedPrice \* DiscRate  DiscPrice = ExtendedPrice – DiscAmt  Return DiscAmt, DiscPrice |  |
| Quantity  UnitPrice  DiscRate |  |  |
|  | Main  Input Quantity, UnitPrice, DiscRate  DiscAmt, DiscPrice = FunctionDiscount(Quantity, UnitPrice, DiscRate)  **Display:** *Quantity, UnitPrice, DiscAmt, DiscPrice* | Quantity  UnitPrice  DiscAmt  DiscPrice |