* VBA

**Question 4**.  (This uses VBA commands InputBox, MsgBox, Dim, For Next, If Then Else, Cells, Option Explicit and a button)

The file **PriceData.xlsx** has a single sheet that lists all 128 of your products by product code.  For each product, it lists the unit price and a discount percentage the customers receive if they purchase at least a minimum quantity of the product.  For example, the discount for the first product is 7%, and that is obtained if the customer purchases at least 20 units of the product.  Write a sub that asks for the number of products you have with an input box.  It then ask for a product code.  Finally, it should ask for the number of units purchased, which must be a positive number.  Your sub should then use a For Next loop to search through your product list to find the product entered.  If it finds a match, it should display in message something like the following: “You purchased \_\_\_ units of product \_\_\_.  The total cost is \_\_\_.  Because you purchased at least \_\_\_\_ units, you get a discount of \_\_\_\_% on each unit.”  (Replace the underscored areas with the correct values.)  The last sentence should not be displayed if the user did not purchase enough units to get a discount.  If you do not find a match, your sub should display a message such as “Product not found.”