

TASK 2 - Pseudocode

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// Task 2 - Ordering additional items.
// Extend TASK 1 to:
// • allow a customer TO choose whether TO purchase any items from the other
//   categories - IF so, which item(s)
// • update the price of the computer
// • store AND output the additional items AND the new price of the computer.

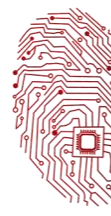
OUTPUT "Item code      "
OUTPUT "Item description          "
OUTPUT "Item price      "
OUTPUT "Category"
OUTPUT "-----"
FOR x = 9 TO 17
    OUTPUT ItemCode[x] + Space(9)
    OUTPUT ItemDescription[x] + Space(40 - LEN(ItemDescription[x]))
    myPrice = Price[x]
    OUTPUT myPrice + Space(12 - LEN(myPrice))
    OUTPUT Category[x]
NEXT
myOption = ""
WHILE UPPER(myOption) <> "N"
    OUTPUT "Do you want TO buy additional components? (Y/N)... "
    INPUT myOption

    IF UPPER(myOption) = "Y" THEN
        ItemID = ""
        WHILE Not (ItemID = "D1" OR ItemID = "D2" OR ItemID = "E1" OR _
            ItemID = "E2" OR ItemID = "E3" OR ItemID = "F1" OR _
            ItemID = "F2" OR ItemID = "G1" OR ItemID = "G2")

            OUTPUT "Chose an additonal Item Code: "
            INPUT ItemID

            IF Not (ItemID = "D1" OR ItemID = "D2" OR ItemID = "E1" OR _
                ItemID = "E2" OR ItemID = "E3" OR ItemID = "F1" OR _
                ItemID = "F2" OR ItemID = "G1" OR ItemID = "G2") THEN
                OUTPUT "Chose either D1, D2, E1, E2, E3, F1, F2, G1 OR G2."
            END IF
        END WHILE
        itemCount = itemCount + 1
        CASE OF ItemID
            "D1"
                newSaleItemPrice[itemCount] = Price[9]
                newSaleItem(itemCount) = ItemDescription[9]
            "D2"
                newSaleItemPrice[itemCount] = Price[10]
                newSaleItem(itemCount) = ItemDescription[10]
            "E1"
                newSaleItemPrice[itemCount] = Price[11]
                newSaleItem(itemCount) = ItemDescription[11]
```





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"E2"
    newSaleItemPrice[itemCount] = Price[12]
    newSaleItem(itemCount) = ItemDescription[12]
"E3"
    newSaleItemPrice[itemCount] = Price[13]
    newSaleItem(itemCount) = ItemDescription[13]
"F1"
    newSaleItemPrice[itemCount] = Price[14]
    newSaleItem(itemCount) = ItemDescription[14]
"F2"
    newSaleItemPrice[itemCount] = Price[15]
    newSaleItem(itemCount) = ItemDescription[15]
"G1"
    newSaleItemPrice[itemCount] = Price[16]
    newSaleItem(itemCount) = ItemDescription[16]
"G2"
    newSaleItemPrice[itemCount] = Price[17]
    newSaleItem(itemCount) = ItemDescription[17]
END CASE
END IF
END WHILE

ComputerPrice = 200
OUTPUT "Computer Invoice"
OUTPUT "Item description"
OUTPUT "Item price"
OUTPUT "-----"

FOR x = 1 TO 7
    IF newSaleItem[x] <> "" THEN
        OUTPUT newSaleItem[x] + Space(40 - LEN(newSaleItem[x]))
        myPrice = newSaleItemPrice[x]
        OUTPUT myPrice
        ComputerPrice = ComputerPrice + newSaleItemPrice[x]
    END IF
NEXT
OUTPUT "Basic set of components" + Space(17)
myPrice = 200
OUTPUT myPrice

OUTPUT "-----"
OUTPUT "Total price of the computer: " + ComputerPrice
```

