By reference

Public Class FrmProc
Inherits System.Windows.Forms.Form

Private Sub btnCalc_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCalc.Click
    Dim intHrs As Integer
    Dim decPayHr As Decimal
    Dim intHrs = CInt(txtHrs.Text)
    'IntHrs = CType(txtHrs.Text, Integer)
    'DecPayHr = CType(decPayHr.Text, Decimal)
    'DecPayHr = Convert.ToDecimal(txtDecPayHr.Text)
    'DecPayHr = CDec(txtDecPayHr.Text)
    Directions()
    CalcPay(intHrs, decPayHr)
End Sub

Sub Directions()
    lstPay.Items.Add("Code multiplies hours by pay per hour")
End Sub

Sub CalcPay(ByRef intHrs As Integer, ByRef decPayHr As Decimal)
    Dim decPay As Decimal
    decPay = decPayHr * 2
    lstPay.Items.Add("Pay per hour from sub: " & decPayHr)
    decPay = intHrs * decPayHr
    lstPay.Items.Add("The pay from sub is: " & decPay)
End Sub

End Class
Public class FrmProc
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

Private Sub btnCalc_Click(ByVal sender As Object, ByVal e As EventArgs)
    Dim intHrs As Integer
    Dim decPayHr As Decimal
    intHrs = CInt(txtHrs.Text)
    decPayHr = CDec(txtPayHr.Text)
    decPay = intHrs * decPayHr
    lstPay.Items.Add("The pay from sub is: " & DecPay)
End Sub

Sub Directions()
    lstPay.Items.Add("Code multiplies hours by pay per hour")
End Sub

Sub CalcPay(ByVal intHrs As Integer, ByVal decPayHr As Decimal)
    Dim decPay As Decimal
    decPayHr = decPayHr * 2
    lstPay.Items.Add("Pay per hour from sub: " & DecPay)
    decPay = intHrs * decPayHr
    lstPay.Items.Add("The pay from sub is: " & decPay)
End Sub
End Class

By value
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From previous group of examples - not from 2010.
Public Class frmDept
    Inherits System.Windows.Forms.Form
    Dim deptArray(3) As String

    Windows Form Designer generated code

    Private Sub btnDept_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        txtDeptName.Text = deptArray(CInt(txtDept.Text))
    End Sub

    Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
        deptArray(0) = "Books"
        deptArray(1) = "Toys"
        deptArray(2) = "Gifts"
        deptArray(3) = "Cookware"
    End Sub

    Private Sub btnCheckDept_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
        If IsNumeric(txtDept.Text) Then
            If CInt(txtDept.Text) <= 3 Then
                txtDeptName.Text = deptArray(CInt(txtDept.Text))
            Else
                txtDeptName.Text = "Invalid Department Number"
            End If
        Else
            txtDeptName.Text = "Non-numeric Department Number"
        End If
    End Sub
End Class
Public Class frmDept
    Inherits System.Windows.Forms.Form

    Dim deptArray(3) As String

    Windows Form Designer generated code

    Private Sub btnDept_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDept.Click
        txtDeptName.Text = deptArray(CInt(txtDept.Text))
    End Sub

    Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles frmDept.Load
        deptArray(0) = "Books"
        deptArray(1) = "Toys"
        deptArray(2) = "Gifts"
        deptArray(3) = "Cookware"
    End Sub

    Private Sub btnCheckDept_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCheckDept.Click
        If IsNumeric(txtDept.Text) Then
            If CInt(txtDept.Text) <= 3 Then
                txtDeptName.Text = deptArray(CInt(txtDept.Text))
            Else
                txtDeptName.Text = "Invalid Department Number"
            End If
        Else
            txtDeptName.Text = "Non-numeric Department Number"
        End If
    End Sub
End Class
Module modArray
    Public deptArray() As String = ["Books", "Toys", "Gifts", "Cookware"]
End Module
Public Class frmDept
    Inherits System.Windows.Forms.Form

    Private Sub btnCheckDept_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnCheckDept.Click
        If IsNumeric(txtDept.Text) Then
            If CInt(txtDept.Text) <= 3 Then
                txtDeptName.Text = deptArray(CInt(txtDept.Text))
            Else
                txtDeptName.Text = "Invalid Department Number"
            End If
        Else
            txtDeptName.Text = "Non-numeric Department Number"
        End If
    End Sub
End Class

Dept Array

Enter Dept # (Valid values 0, 1, 2, 3): 3

Get Department Number with Check

C00kware
Note I had the wrong label on my example - just changed it.
```
Dim deptArray(3) As String
Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 58
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Cookware"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs)
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "Y"
        Else
            wkSub = wkSub + 1
        End If
    Loop
    If indFound = "Y" Then
        lblShowDeptName.Text = deptArray(wkSub)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
```
Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click

    Dim deptArray As String
    Dim deptNumArray(3) As String
    deptNumArray(0) = "Books"
    deptNumArray(1) = "Toys"
    deptNumArray(2) = "Gifts"
    deptNumArray(3) = "Cookware"
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "y"
        Else
            wkSub = wkSub + 1
        End If
    Loop
    If indFound = "y" Then
        lb1ShowDeptName.Text = deptArray(wkSub)
    Else
        lb1ShowDeptName.Text = "No match found"
    End If

End Sub
Dim deptArray(3) As String

Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Computer"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As EventArgs)
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "Y"
        Else
            wkSub = wkSub + 1
        End If
    Loop
    If indFound = "Y" Then
        lblShowDeptName.Text = deptArray(wkSub)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
Declare an array of strings:

```
Dim deptArray(3) As String
```

Load the array:

```
Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Cookware"
End Sub
```

Search function:

```
Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click
    Dim indFound As String = "N"
    Dim wSub As Integer = 0
    Do While indFound = "N" And wSub < deptArray.Length
        If CLng(txtDeptNum.Text) = deptNumArray(wSub) Then
            indFound = "y"
        Else
            wSub = wSub + 1
        End If
    Loop
    If indFound = "y" Then
        lbShowDeptName.Text = deptArray(wSub)
    Else
        lbShowDeptName.Text = "No match found"
    End If
End Sub
```
```vbnet
Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Computer"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        MsgBox(wkSub)
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "Y"
        Else
            wkSub = wkSub + 1
        End If
        MsgBox(indFound)
        MsgBox(wkSub)
    Loop
    If indFound = "Y" Then
        lblShowDeptName.Text = deptArray(wkSub)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
```
Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Cookware"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click
    Dim indFound As String = "N"
    Dim wksub As Integer = 0
    Do While indFound = "N" And wksub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wksub) Then
            indFound = "y"
        Else
            wksub = wksub + 1
        End If
    Loop
    If indFound = "y" Then
        lblShowDeptName.Text = deptArray(wksub)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
End Class

Dept Name: Cookware
Public Class Form1
    Private Sub btnDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        deptNumArray(0) = 15
        deptNumArray(1) = 26
        deptNumArray(2) = 37
        deptNumArray(3) = 56
        deptArray(0) = "Books"
        deptArray(1) = "Toys"
        deptArray(2) = "Gifts"
        deptArray(3) = "Cookware"
    End Sub

    Private Sub btnDept_Search_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnDept_Search.Click
        Dim indFound As String = "N"
        Dim wkSub As Integer = 0
        Do While indFound = "N" And wkSub < deptArray.Length
            If CInt(txtDeptNum.Text) = deptNumArray(wkSub)
                indFound = "y"
            Else
                wkSub = wkSub + 1
            End If
            If wkSub = wkSub + 1
        Loop
        If indFound = "y" Then
            lblShowDeptName.Text = deptArray(wkSub)
        Else
            lblShowDeptName.Text = "No match found"
        End If
    End Sub
End Class
Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Cookware"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "Y"
        Else
            wkSub = wkSub + 1
        End If
    Loop
    If indFound = "Y" Then
        lblShowDeptName.Text = deptArray(wkSub - 1)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
End Class
Module 1: Private Sub frmDept_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Load
    deptNumArray(0) = 15
    deptNumArray(1) = 26
    deptNumArray(2) = 37
    deptNumArray(3) = 56
    deptArray(0) = "Books"
    deptArray(1) = "Toys"
    deptArray(2) = "Gifts"
    deptArray(3) = "Cookware"
End Sub

Private Sub btnSearch_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSearch.Click
    Dim indFound As String = "N"
    Dim wkSub As Integer = 0
    Do While indFound = "N" And wkSub < deptArray.Length
        If CInt(txtDeptNum.Text) = deptNumArray(wkSub) Then
            indFound = "Y"
        Else
            wkSub = wkSub + 1
        End If
    Loop
    If indFound = "Y" Then
        lblShowDeptName.Text = deptArray(wkSub)
    Else
        lblShowDeptName.Text = "No match found"
    End If
End Sub
End Class
Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles sender.Load
    itemNoArray(0) = 3
    itemNoArray(1) = 12
    itemNoArray(2) = 15
    itemNoArray(3) = 17
    itemNoArray(4) = 24
    itemNoArray(5) = 25
    itemNoArray(6) = 27
    itemNoArray(7) = 28
    itemNoArray(8) = 45
    itemNameArray(0) = "SEAFOOD CHOWDER"
    itemNameArray(1) = "CORN CHOWDER"
    itemNameArray(2) = "CLAM CHOWDER"
    itemNameArray(3) = "TOMATO SOUP"
    itemNameArray(4) = "CHICKEN SOUP"
    itemNameArray(5) = "VEGETABLE SOUP"
    itemNameArray(6) = "ONION SOUP"
    itemNameArray(7) = "GREEN PEA SOUP"
    itemNameArray(8) = "MONTON SOUP"
    FileOpen(1, "soup", FileMode.Open)
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
    txtOrderNo.Clear()
    txtItemNo.Clear()
    txtNumOrd.Clear()
End Sub

Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
    FileClose(1)
    Me.Close()
End Sub
Private Sub frmSoapCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    itemNoArray(0) = 3
    itemNoArray(1) = 12
    itemNoArray(2) = 15
    itemNoArray(3) = 17
    itemNoArray(4) = 24
    itemNoArray(5) = 25
    itemNoArray(6) = 27
    itemNoArray(7) = 28
    itemNoArray(8) = 45
    itemNameArray(0) = "SEAFOOD CHOWDER"
    itemNameArray(1) = "CORN CHOWDER"
    itemNameArray(2) = "CLAM CHOWDER"
    itemNameArray(3) = "TONATO SOUP"
    itemNameArray(4) = "CHICKEN SOUP"
    itemNameArray(5) = "VEGETABLE SOUP"
    itemNameArray(6) = "ONION SOUP"
    itemNameArray(7) = "GREEN PEA SOUP"
    itemNameArray(8) = "WONTON SOUP"
    FileOpen1("soup", OpenMode.Input)
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
    txtOrderNo.Clear()
    txtItemNo.Clear()
    txtNumOrd.Clear()
End Sub

Private Sub btnSave_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnSave.Click
    FileClose1()
End Sub
Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    itemNoArray(0) = 3
    itemNoArray(1) = 12
    itemNoArray(2) = 15
    itemNoArray(3) = 17
    itemNoArray(4) = 24
    itemNoArray(5) = 25
    itemNoArray(6) = 27
    itemNoArray(7) = 28
    itemNoArray(8) = 45
    itemNameArray(0) = "SEAFOOD COWDER"
    itemNameArray(1) = "CORN COWDER"
    itemNameArray(2) = "CLAM COWDER"
    itemNameArray(3) = "TOMATO COWDER"
    itemNameArray(4) = "CHICKEN COWDER"
    itemNameArray(5) = "VEGETABLE COWDER"
    itemNameArray(6) = "ONION COWDER"
    itemNameArray(7) = "GREEN PEA COWDER"
    itemNameArray(8) = "WONTON COWDER"
    fileOpen(1, "soup", FileMode.Open)
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
    txtOrderNo.Clear()
    txtItemNo.Clear()
    txtNumOrd.Clear()
End Sub

Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
    Fileclose(1)
    Me.Close()
End Sub
Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs)
    itemNoArray(0) = 3
    itemNoArray(1) = 12
    itemNoArray(2) = 15
    itemNoArray(3) = 17
    itemNoArray(4) = 24
    itemNoArray(5) = 25
    itemNoArray(6) = 27
    itemNoArray(7) = 28
    itemNoArray(8) = 45
    itemNameArray(0) = "SEAFOOD CHOWDER"
    itemNameArray(1) = "CORN CHOWDER"
    itemNameArray(2) = "CLAM CHOWDER"
    itemNameArray(3) = "TOMATO SOUP"
    itemNameArray(4) = "CHICKEN SOUP"
    itemNameArray(5) = "VEGETABLE SOUP"
    itemNameArray(6) = "ONION SOUP"
    itemNameArray(7) = "GREEN PEA SOUP"
    itemNameArray(8) = "MONTON SOUP"
    FileOpen(1, "soup", FileMode.Open)
End Sub

Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
txtOrderNo.Clear()
txtItemNo.Clear()
txtNumOrd.Clear()
End Sub

Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
 FileClose(1)
 Me.Close()
End Sub
Public Class frmSoupCreate
    Inherits System.Windows.Forms.Form

    Windows Form Designer generated code

    Private Sub btnWrite_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnWrite.Click
        Dim wkOrderNo As Integer, wkItemNo As Integer
        Dim wkNumOrd As Integer
        wkOrderNo = CInt(txtOrderNo.Text)
        wkItemNo = CInt(txtItemNo.Text)
        wkNumOrd = CInt(txtNumOrd.Text)
        WriteLine(1, wkOrderNo, wkItemNo, wkNumOrd)
    End Sub

    Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles frmSoupCreate.Load
        fileOpen(1, "soup", OpenMode.Output)
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        txtOrderNo.Clear()
        txtItemNo.Clear()
        txtNumOrd.Clear()
    End Sub

    Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
        fileClose(1)
        Me.Close()
    End Sub
End Class
Public Class frmSoup
    Inherits System.Windows.Forms.Form
    Dim ItemArray(8) As String

    Windows Form Designer generated code

    Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
        ItemArray(0) = "03SEAFOOD CHOWDER"
        ItemArray(1) = "12CORN CHOWDER"
        ItemArray(2) = "15CLAM CHOWDER"
        ItemArray(3) = "17TOMATO SOUP"
        ItemArray(4) = "24CHICKEN SOUP"
        ItemArray(5) = "25VEGETABLE SOUP"
        ItemArray(6) = "27ONION SOUP"
        ItemArray(7) = "28POTATO PEAS SOUP"
        ItemArray(8) = "49LONDON SOUP"
        OpenFileDialog(1, "soup", OpenMode.Input)
    End Sub

    Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
        txtOrderNo.Clear()
        txtItemNo.Clear()
        txtNumOrd.Clear()
    End Sub

    Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
        FileClose(1)
        Me.Close()
    End Sub

    Private Sub btnRead_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRead.Click
        Dim wkOrderNo As Integer, wkItemNo As Integer
    End Sub

    Private Sub btnRead_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRead.Click
        Dim wkOrderNo As Integer, wkItemNo As Integer
    End Sub
Input(I, wkNumOrd)
txtOrderNo.Text = wkOrderNo
txtItemNo.Text = wkItemNo
txtNumOrd.Text = wkNumOrd
txtItemName.Text = SearchArray(wkItemNo)
Else
    MessageBox.Show("EOF reached")
    btnRead.Visible = False
End If
End Sub

Function SearchArray(ByVal wkItemNo)
    Dim itemSub As Integer = 0
    Dim matchInd As String = "NO"
    Do Until itemSub > 8 Or matchInd = "YES"
        If wkItemNo = Microsoft.VisualBasic.Left(itemArray(itemSub), 2) Then
            If wkItemNo = itemArray(itemSub).Substring(0, 2) Then
                matchInd = "YES"
            Else
                itemSub = itemSub + 1
            End If
        End If
        Loop
    If matchInd = "YES" Then
        Return Microsoft.VisualBasic.Mid(itemArray(itemSub), 3)
    Return itemArray(itemSub).Substring(2)
    Else
        Return "Match Not Found"
    End If
End Function
Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.Click
    Me.Close()
End Sub

Private Sub btnRead_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRead.Click
    Dim wkOrderNo As Integer, wkItemNo As Integer
    Dim wkNumOrd As Integer
    If Not EOF(1) Then
        Input(1, wkOrderNo)
        Input(1, wkItemNo)
        Input(1, wkNumOrd)
        txtOrderNo.Text = wkOrderNo
        txtItemNo.Text = wkItemNo
        txtNumOrd.Text = wkNumOrd
        txtItemName.Text = SearchArray(wkItemNo)
    Else
        MessageBox.Show("EOF reached")
        btnRead.Visible = False
    End If
End Sub

Function SearchArray(ByVal wkItemNo) As String
    Dim itemSub As Integer = 0
    Dim matchInd As String = "NO"
    Do Until itemSub > 8 Or matchInd = "YES"
        If wkItemNo = Left(ItemArray(itemSub), 2) Then
            If wkItemNo = ItemArray(itemSub).Substring(0, 2) Then
                matchInd = "YES"
            Else
                itemSub = itemSub + 1
            End If
        End If
    Loop
End Function
Order #: 3003
Item #: 3
Number Ordered: 3
Item Name: SEAFOOD CHOWDER

1111, 12, 1
1212, 27, 2
1224, 45, 4
1225, 28, 2
2003, 17, 1
2027, 28, 4
3003, 3, 3
3010, 34, 3
4012, 15, 5
4078, 50, 2
5000, 19, 1
5012, 24, 4