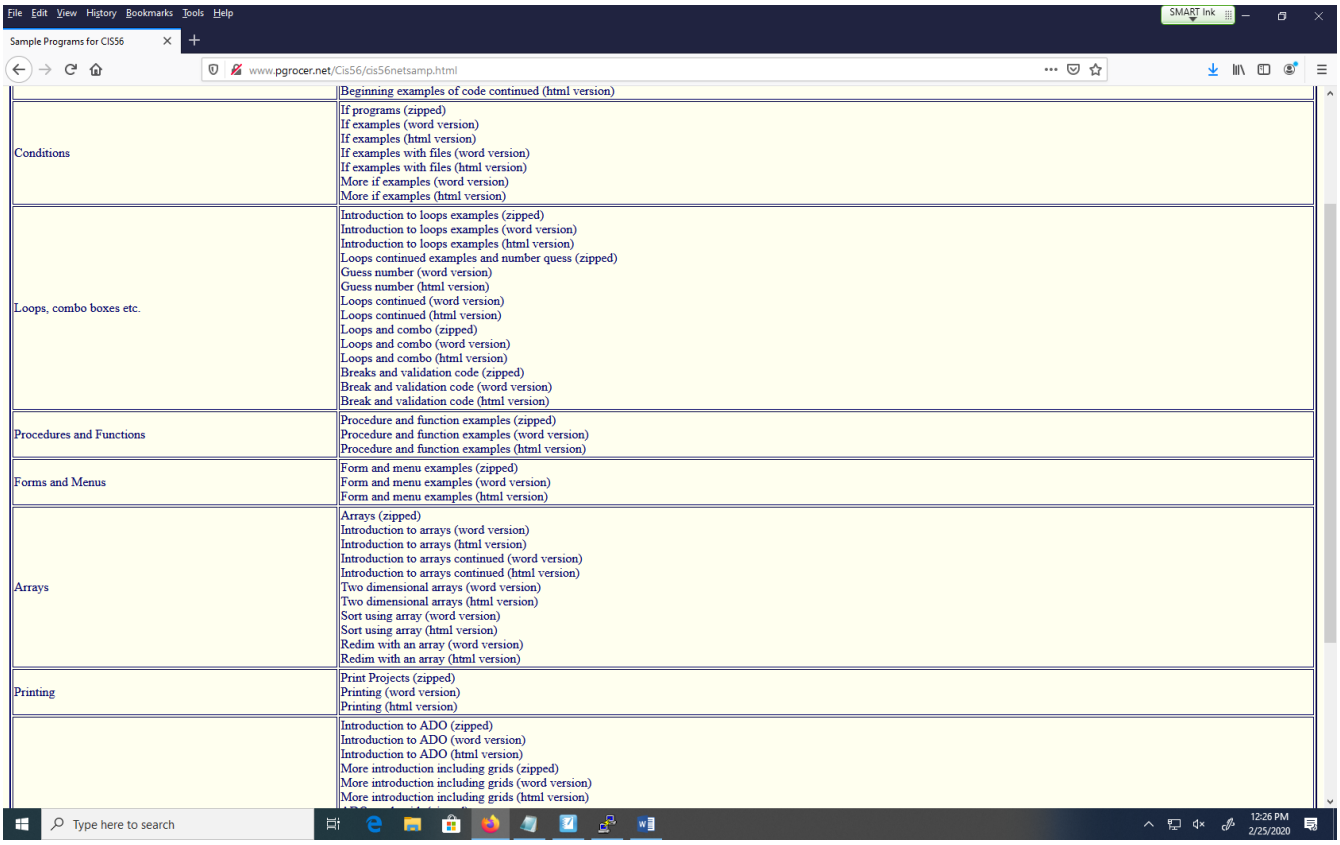
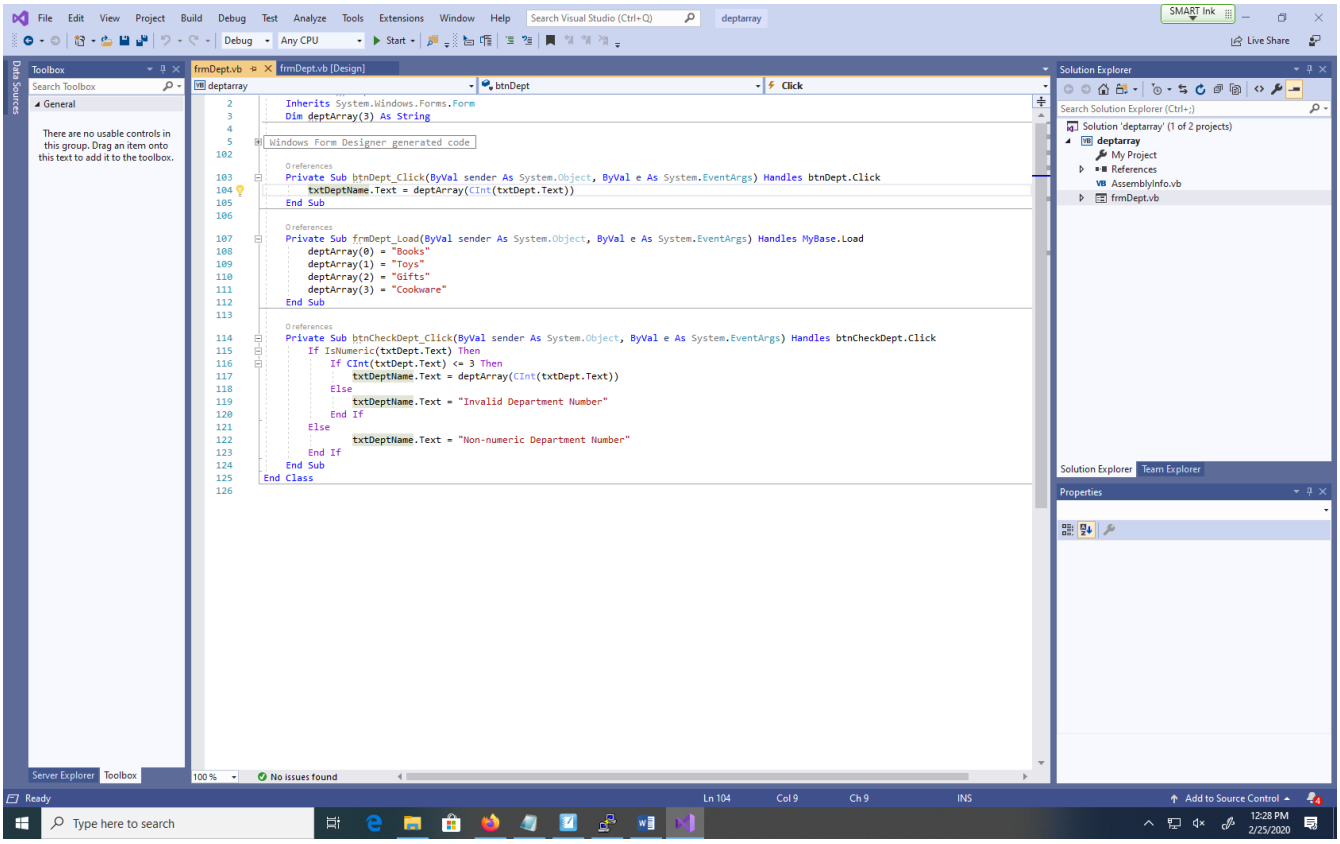
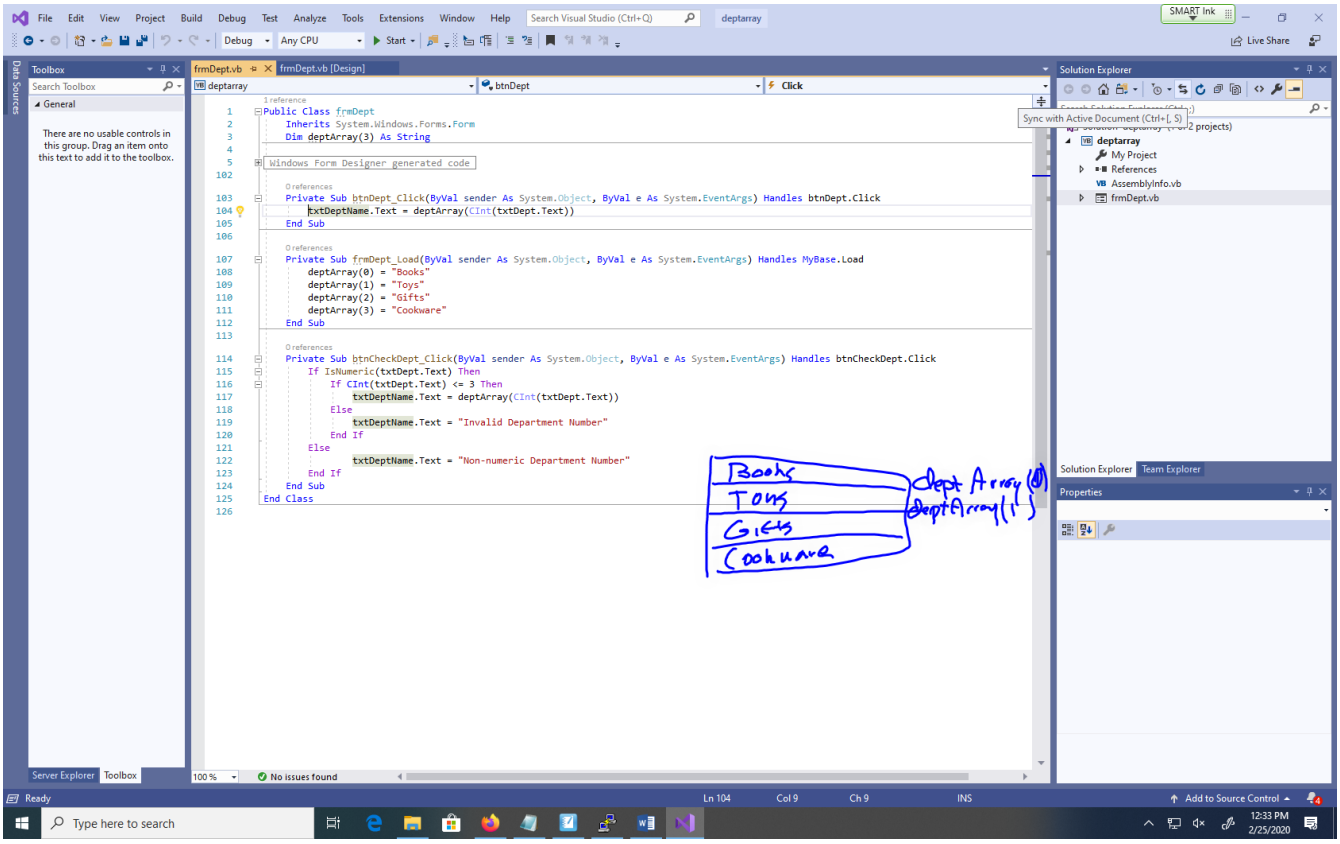


	Beginning examples of code continued (html version)
Conditions	If programs (zipped) If examples (word version) If examples (html version) If examples with files (word version) If examples with files (html version) More if examples (word version) More if examples (html version)
Loops, combo boxes etc.	Introduction to loops examples (zipped) Introduction to loops examples (word version) Introduction to loops examples (html version) Loops continued examples and number quess (zipped) Guess number (word version) Guess number (html version) Loops continued (word version) Loops continued (html version) Loops and combo (zipped) Loops and combo (word version) Loops and combo (html version) Breaks and validation code (zipped) Break and validation code (word version) Break and validation code (html version)
Procedures and Functions	Procedure and function examples (zipped) Procedure and function examples (word version) Procedure and function examples (html version)
Forms and Menus	Form and menu examples (zipped) Form and menu examples (word version) Form and menu examples (html version)
Arrays	Arrays (zipped) Introduction to arrays (word version) Introduction to arrays (html version) Introduction to arrays continued (word version) Introduction to arrays continued (html version) Two dimensional arrays (word version) Two dimensional arrays (html version) Sort using array (word version) Sort using array (html version) Redim with an array (word version) Redim with an array (html version)
Printing	Print Projects (zipped) Printing (word version) Printing (html version)
	Introduction to ADO (zipped) Introduction to ADO (word version) Introduction to ADO (html version) More introduction including grids (zipped) More introduction including grids (word version) More introduction including grids (html version)


File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
deptarray
Debug
Any CPU
Start
Live Share
Toolbox
Search Toolbox
General
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
frmDept.vb
frmDept.vb [Design]
deptarray
btnDept
Click
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 MyBase.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
Solution Explorer
Solution 'deptarray' (1 of 2 projects)
deptarray
My Project
References
AssemblyInfo.vb
frmDept.vb
Properties
No issues found
Ready
Ln 104
Col 9
Ch 9
INS
Add to Source Control
Type here to search
12:28 PM
2/25/2020


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))
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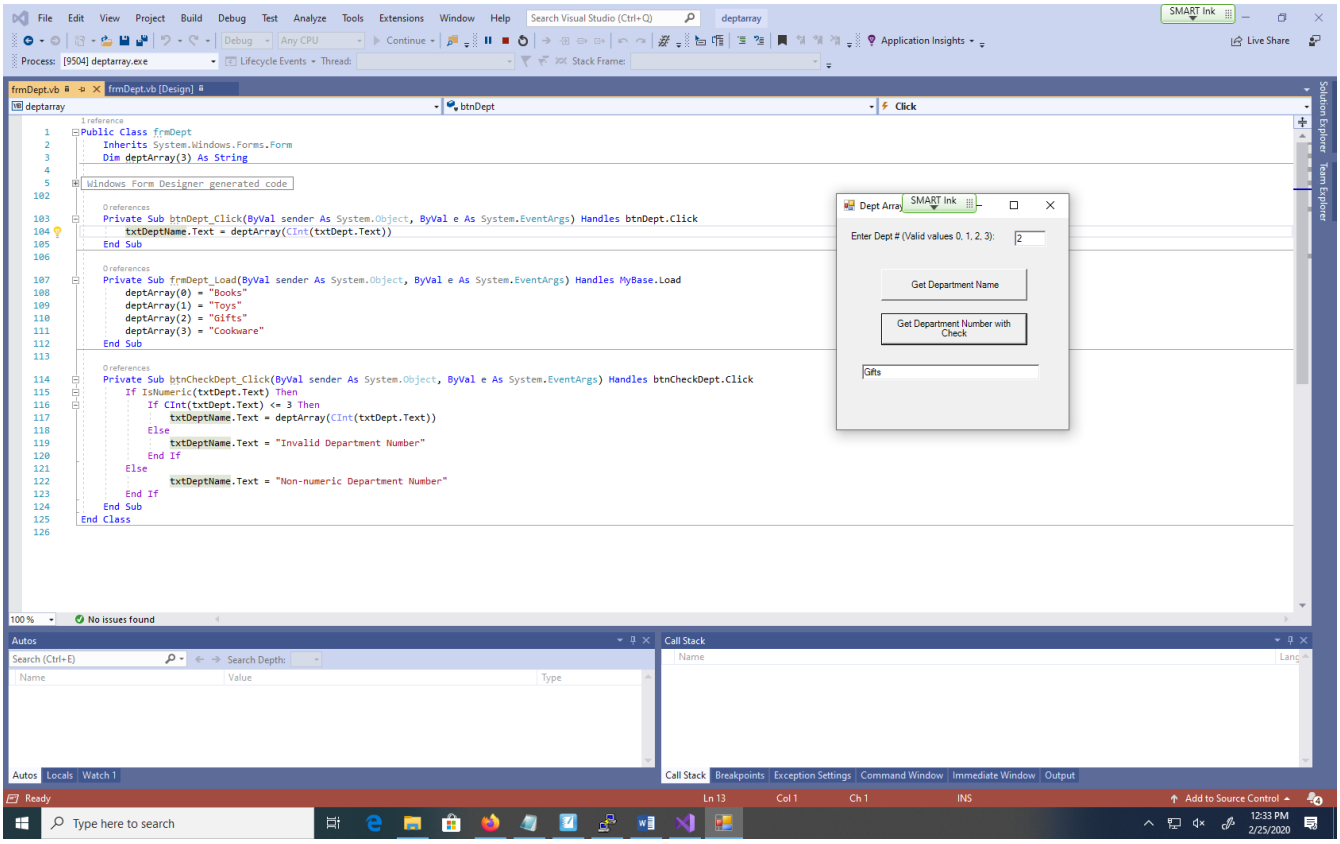
Else
txtDeptName.Text = "Invalid Department Number"
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Books
Toys
Gifts
Cookware
deptArray(0)
deptArray(1)


frmDept.vb
frmDept.vb [Design]
deptarray
btnDept
Click
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 MyBase.Load
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deptArray(2) = "Gifts"
deptArray(3) = "Cookware"
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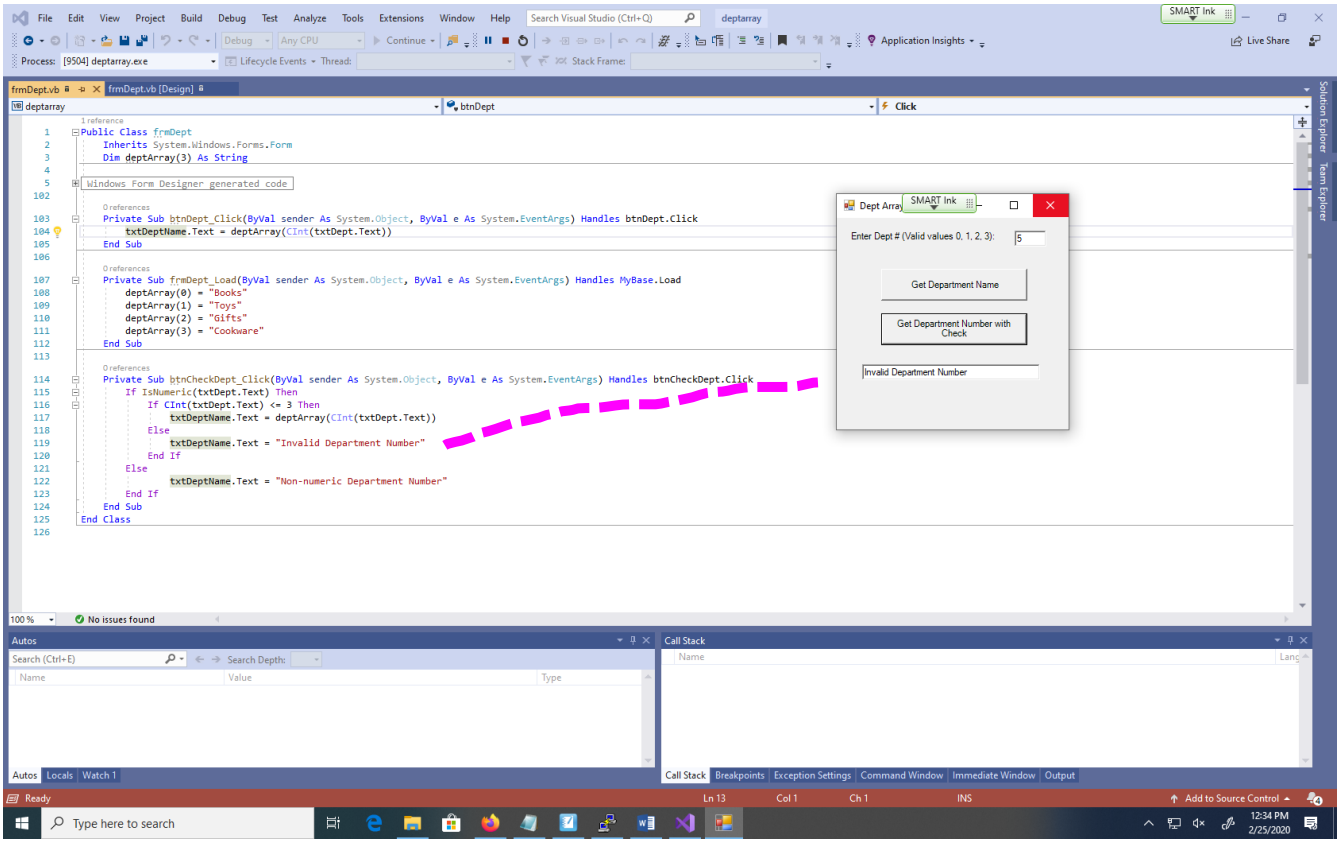
Else
txtDeptName.Text = "Invalid Department Number"
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Name
Get Department Number with Check
Gifts
No issues found
Autos
Call Stack
Ready
Type here to search


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
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deptArray(2) = "Gifts"
deptArray(3) = "Cookware"
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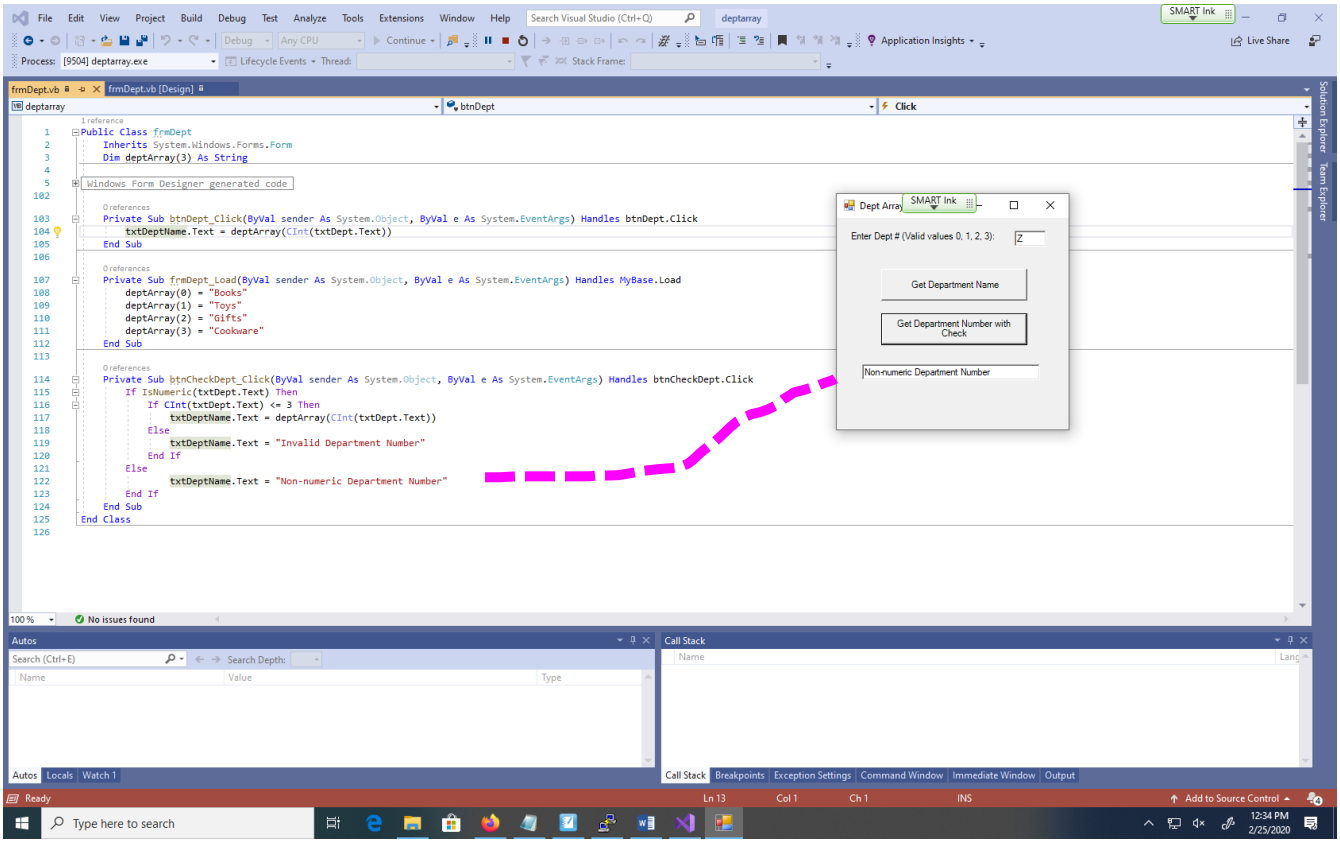
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Name
Get Department Number with Check
Invalid Department Number


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 MyBase.Load
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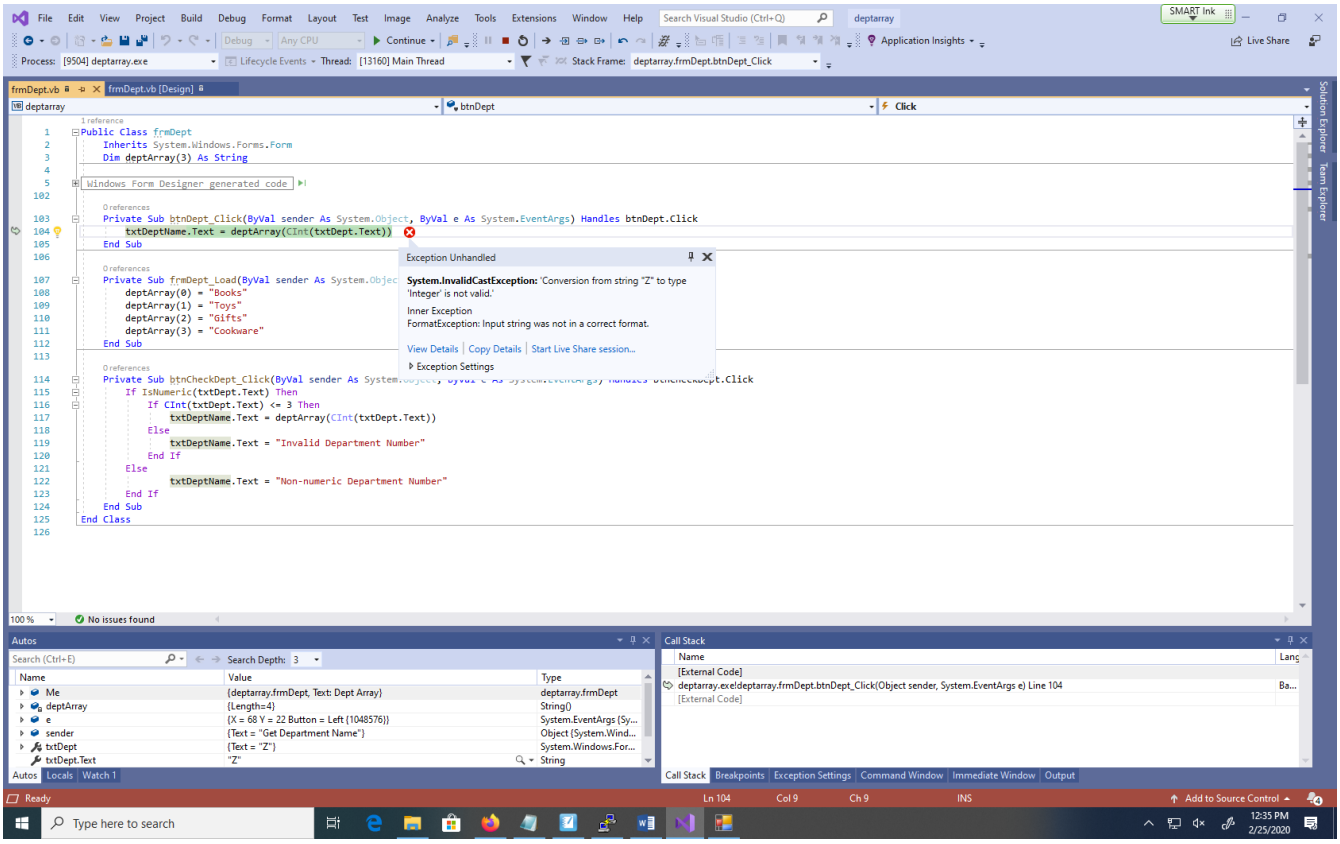
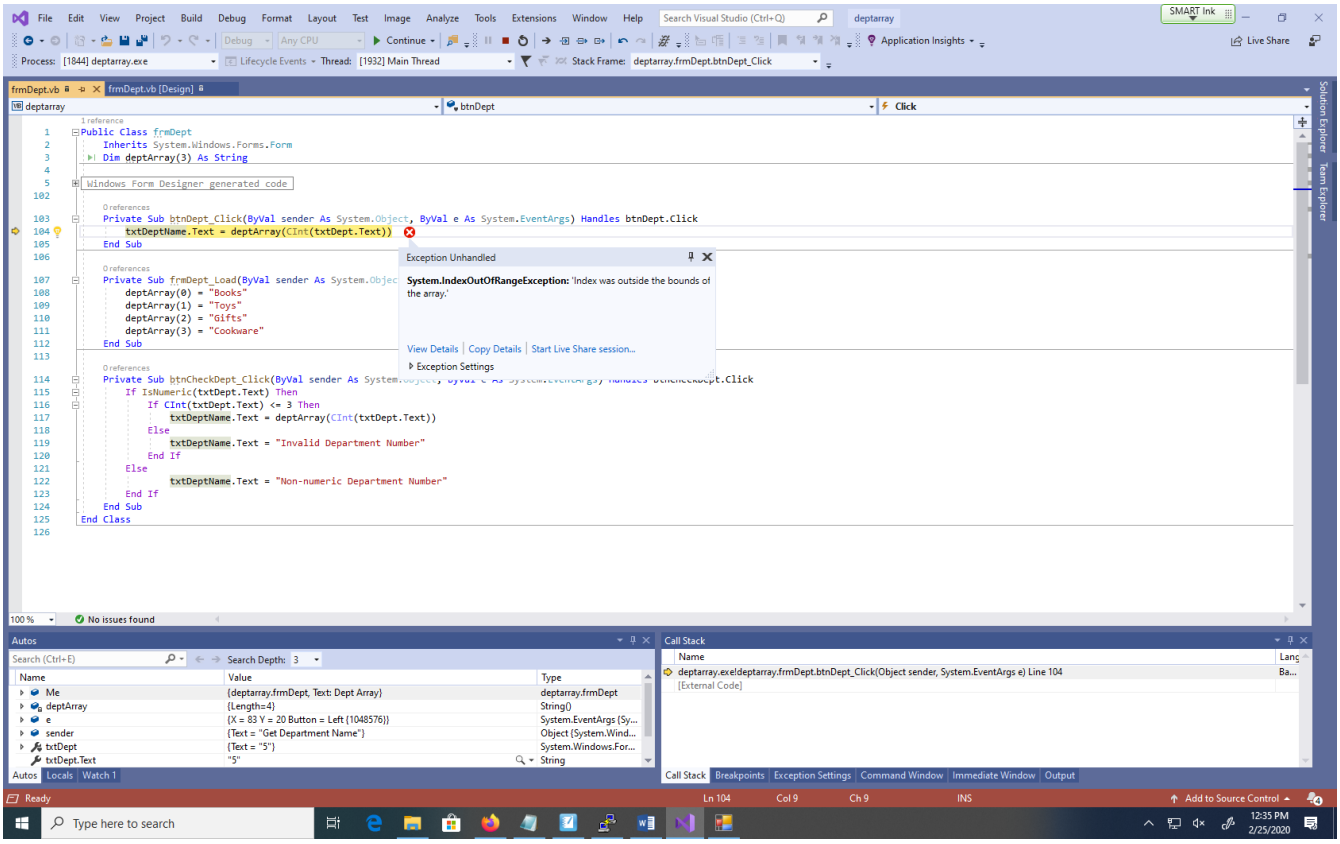
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Name
Get Department Number with Check
Non-numeric Department Number


File Edit View Project Build Debug Format Layout Test Image Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
deptarray
SMART Ink
Debug
Any CPU
Continue
Application Insights
Live Share
Process: [9504] deptarray.exe
Lifecycle Events
Thread: [13160] Main Thread
Stack Frame: deptarray.frmDept.btnDept_Click
frmDept.vb
frmDept.vb [Design]
deptarray
btnDept
Click
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.Objec
deptArray(0) = "Books"
deptArray(1) = "Toys"
deptArray(2) = "Gifts"
deptArray(3) = "Cookware"
End Sub
Private Sub btnCheckDept_Click(ByVal sender As System.
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
Exception Unhandled
System.InvalidCastException: 'Conversion from string "Z" to type 'Integer' is not valid.'
Inner Exception
FormatException: Input string was not in a correct format.
View Details | Copy Details | Start Live Share session...
Exception Settings
100 %
No issues found
Autos
Search (Ctrl+E)
Search Depth: 3
Name
Value
Type
Me
{deptarray.frmDept, Text: Dept Array}
deptarray.frmDept
deptArray
{Length=4}
String()
e
{X = 68 Y = 22 Button = Left {1048576}}
System.EventArgs {Sy...
sender
{Text = "Get Department Name"}
Object {System.Wind...
txtDept
{Text = "Z"}
System.Windows.For...
txtDept.Text
"Z"
String
Autos
Locals
Watch 1
Call Stack
Name
[External Code]
deptarray.exe!deptarray.frmDept.btnDept_Click(Object sender, System.EventArgs e) Line 104
[External Code]
Call Stack
Breakpoints
Exception Settings
Command Window
Immediate Window
Output
Ready
Ln 104
Col 9
Ch 9
INS
Add to Source Control
Type here to search
12:35 PM
2/25/2020
Solution Explorer
Team Explorer


File Edit View Project Build Debug Format Layout Test Image Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
deptarray
SMART Ink
Live Share
Application Insights
Process: [1844] deptarray.exe
Thread: [1932] Main Thread
Stack Frame: deptarray.frmDept.btnDept_Click
frmDept.vb
frmDept.vb [Design]
deptarray
btnDept
Click
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.Objec
deptArray(0) = "Books"
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deptArray(2) = "Gifts"
deptArray(3) = "Cookware"
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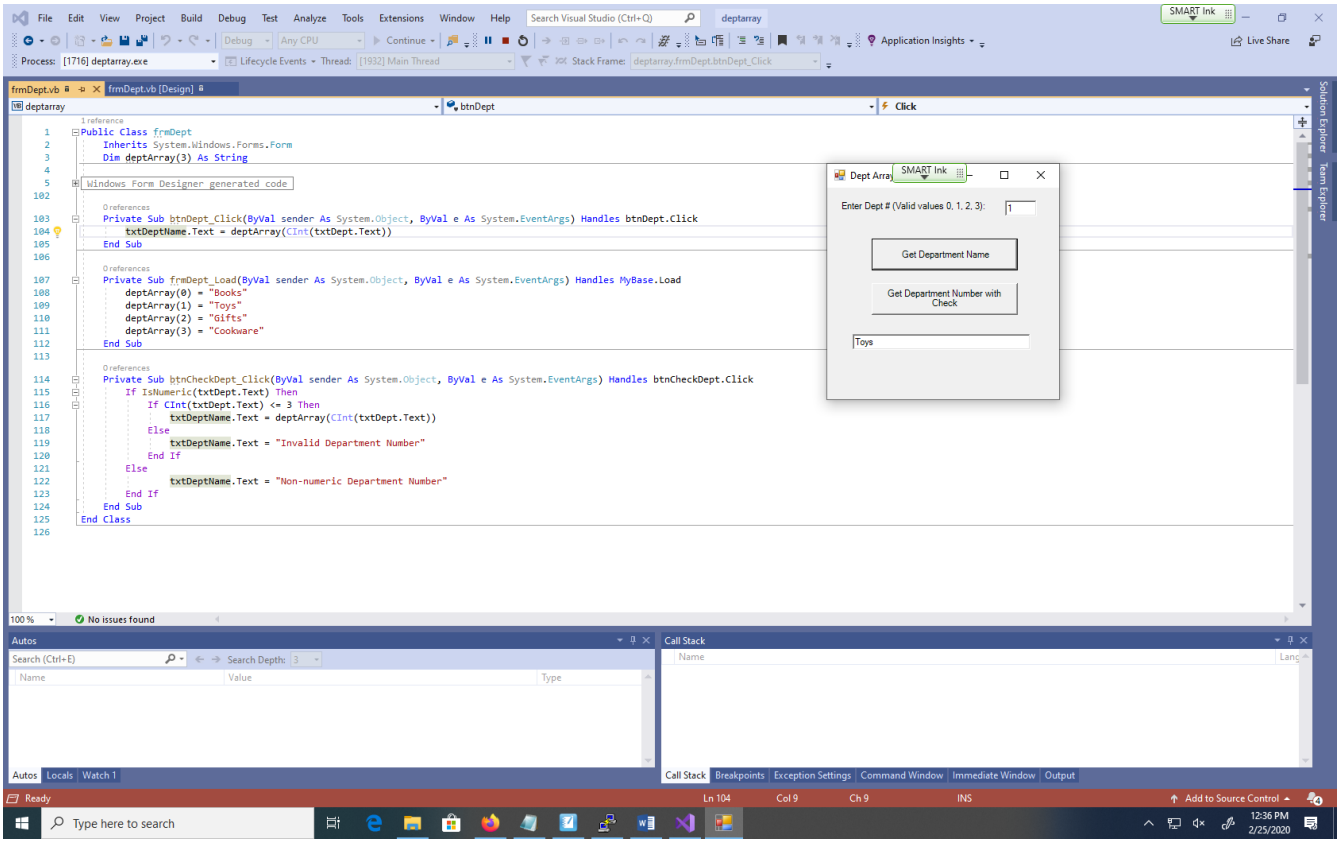
Else
txtDeptName.Text = "Invalid Department Number"
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Exception Unhandled
System.IndexOutOfRangeException: 'Index was outside the bounds of the array.'
View Details | Copy Details | Start Live Share session...
Exception Settings
100 %
No issues found
Autos
Search (Ctrl+E)
Search Depth: 3
Name
Value
Type
Me
{deptarray.frmDept, Text: Dept Array}
deptarray.frmDept
deptArray
{Length=4}
String()
e
{X = 83 Y = 20 Button = Left (1048576)}
System.EventArgs {Sy...
sender
{Text = "Get Department Name"}
Object {System.Wind...
txtDept
{Text = "5"}
System.Windows.For...
txtDept.Text
"5"
String
Autos
Locals
Watch 1
Call Stack
Name
deptarray.exe!deptarray.frmDept.btnDept_Click(Object sender, System.EventArgs e) Line 104
[External Code]
Call Stack
Breakpoints
Exception Settings
Command Window
Immediate Window
Output
Ready
Ln 104
Col 9
Ch 9
INS
Add to Source Control
Type here to search
12:35 PM
2/25/2020


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 MyBase.Load
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deptArray(1) = "Toys"
deptArray(2) = "Gifts"
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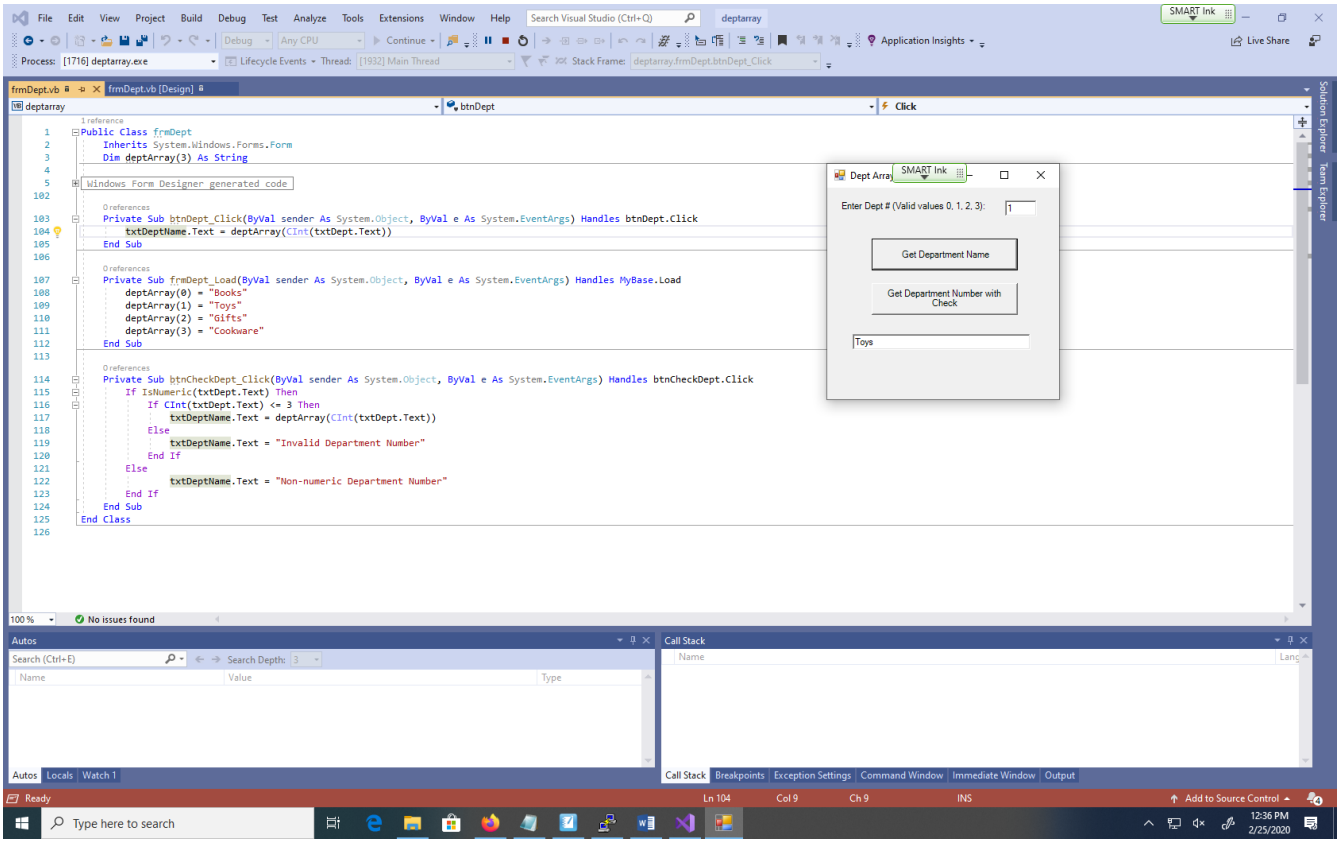
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Name
Get Department Number with Check
Toys


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
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deptArray(1) = "Toys"
deptArray(2) = "Gifts"
deptArray(3) = "Cookware"
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If CInt(txtDept.Text) <= 3 Then
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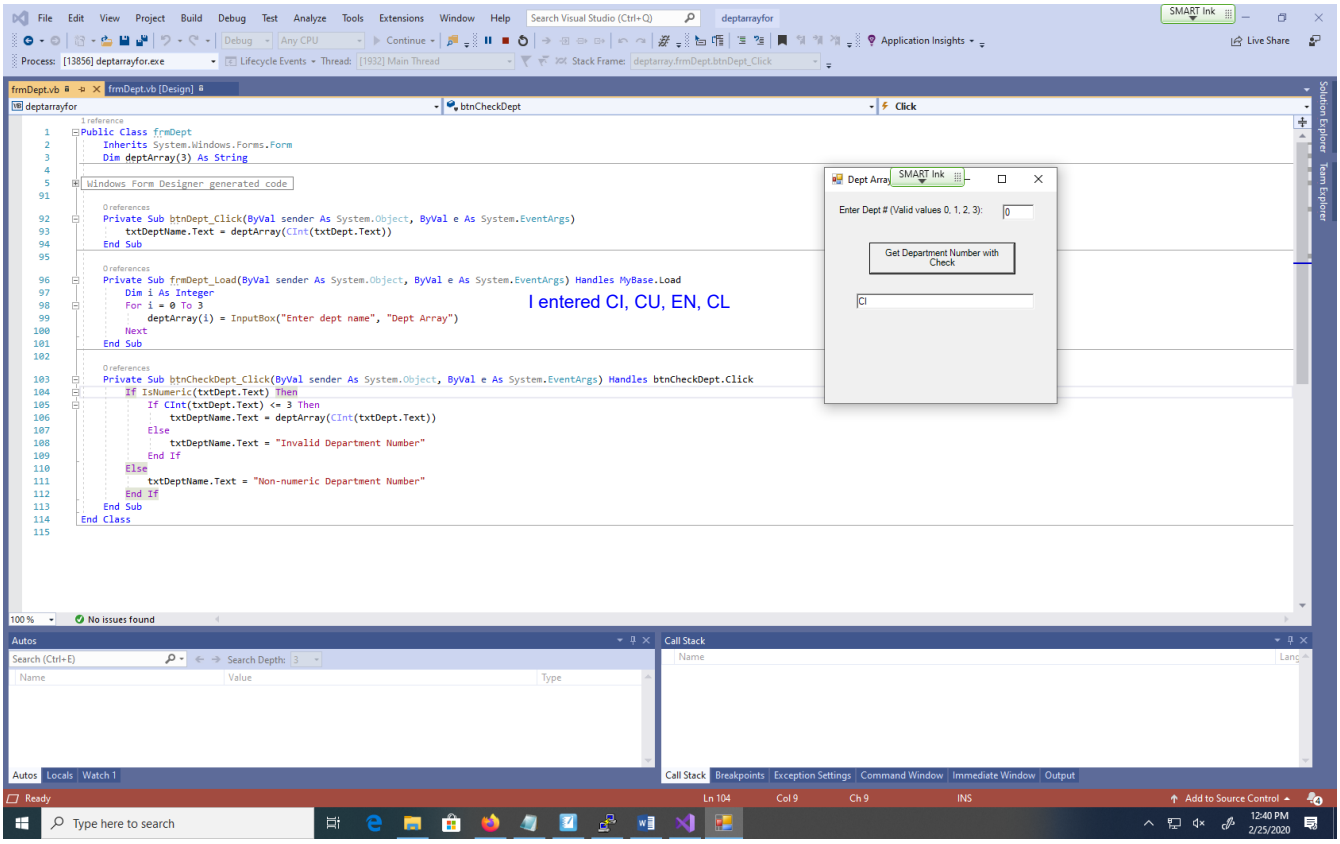
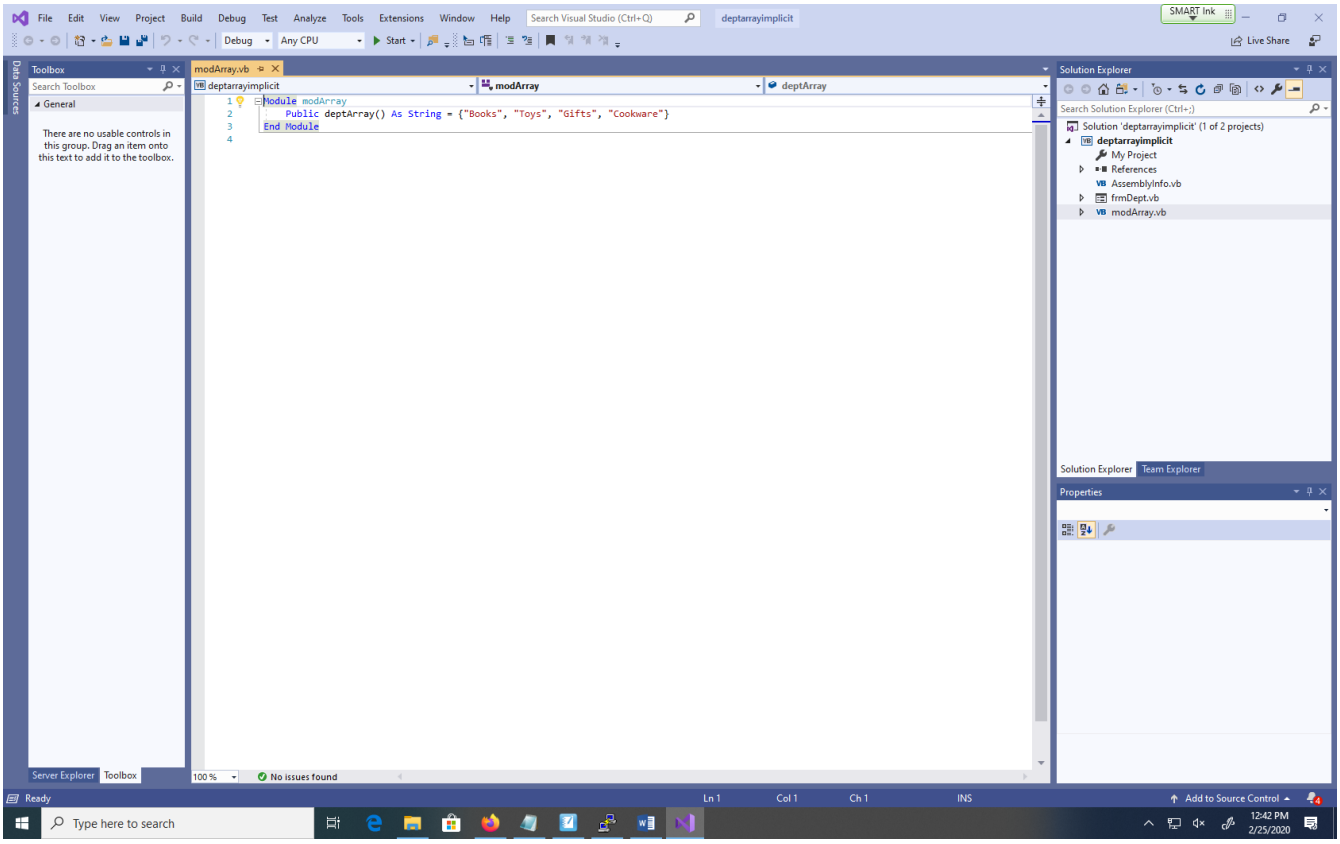
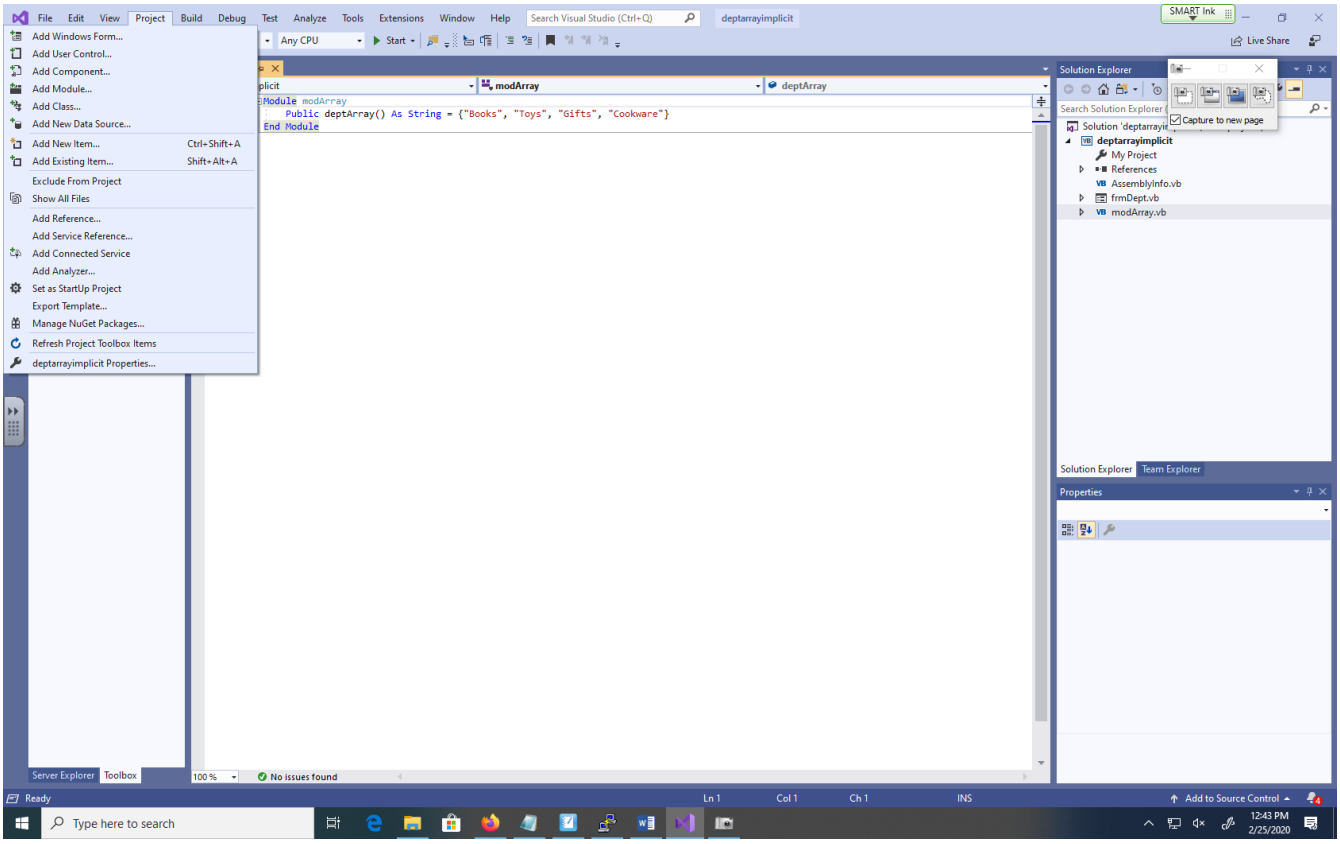
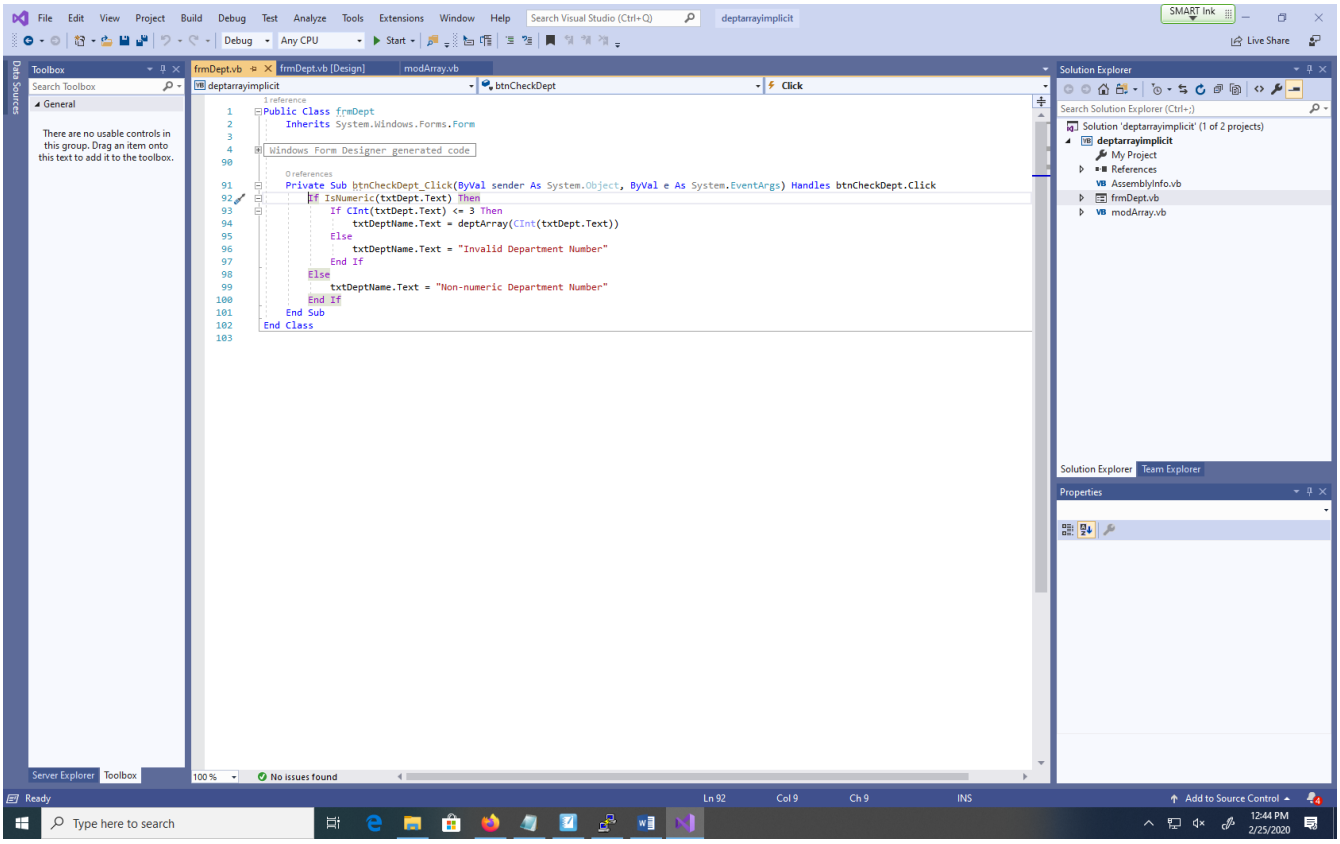
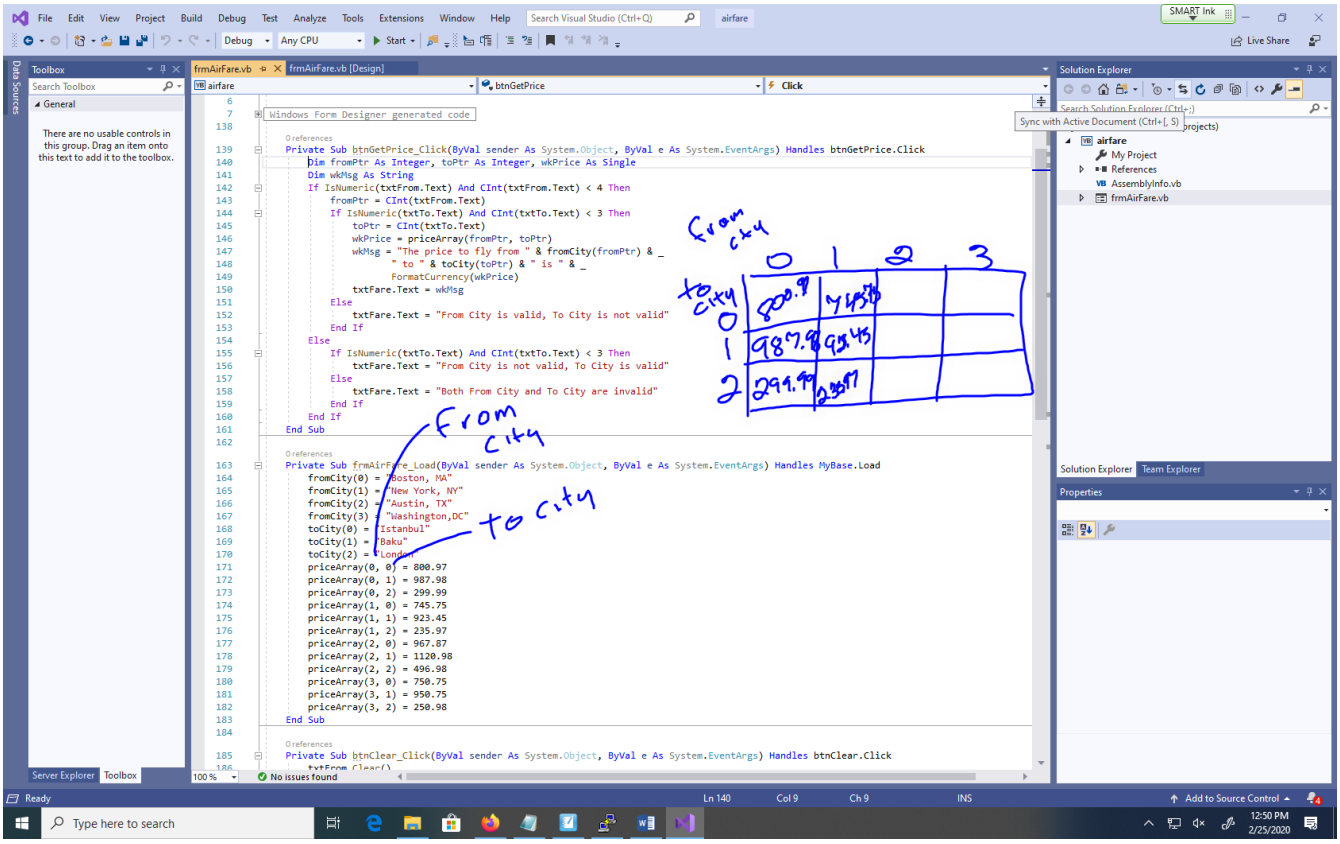
End If
Else
txtDeptName.Text = "Non-numeric Department Number"
End If
End Sub
End Class
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Name
Get Department Number with Check
Toys

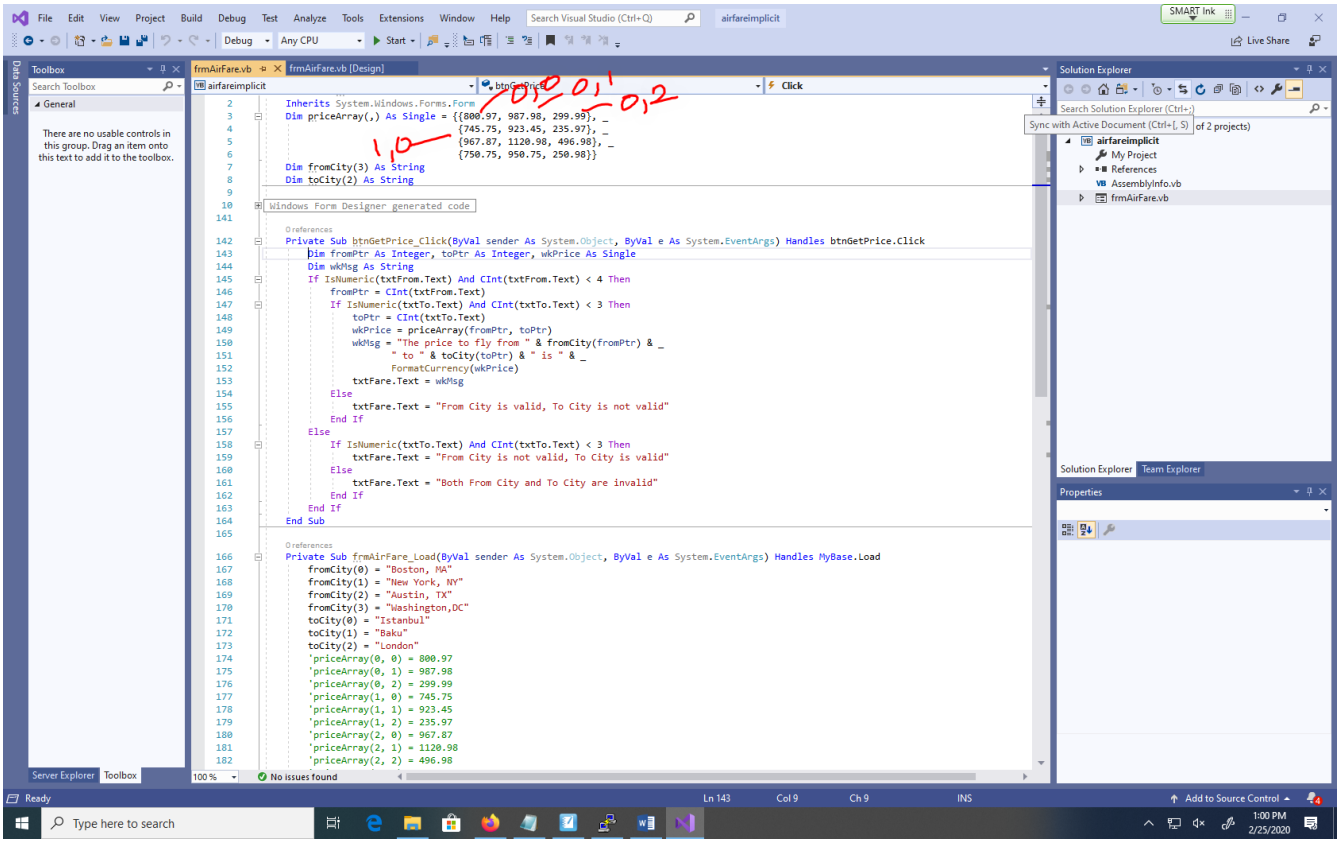

I entered CI, CU, EN, CL
Enter Dept # (Valid values 0, 1, 2, 3):
Get Department Number with Check
CI

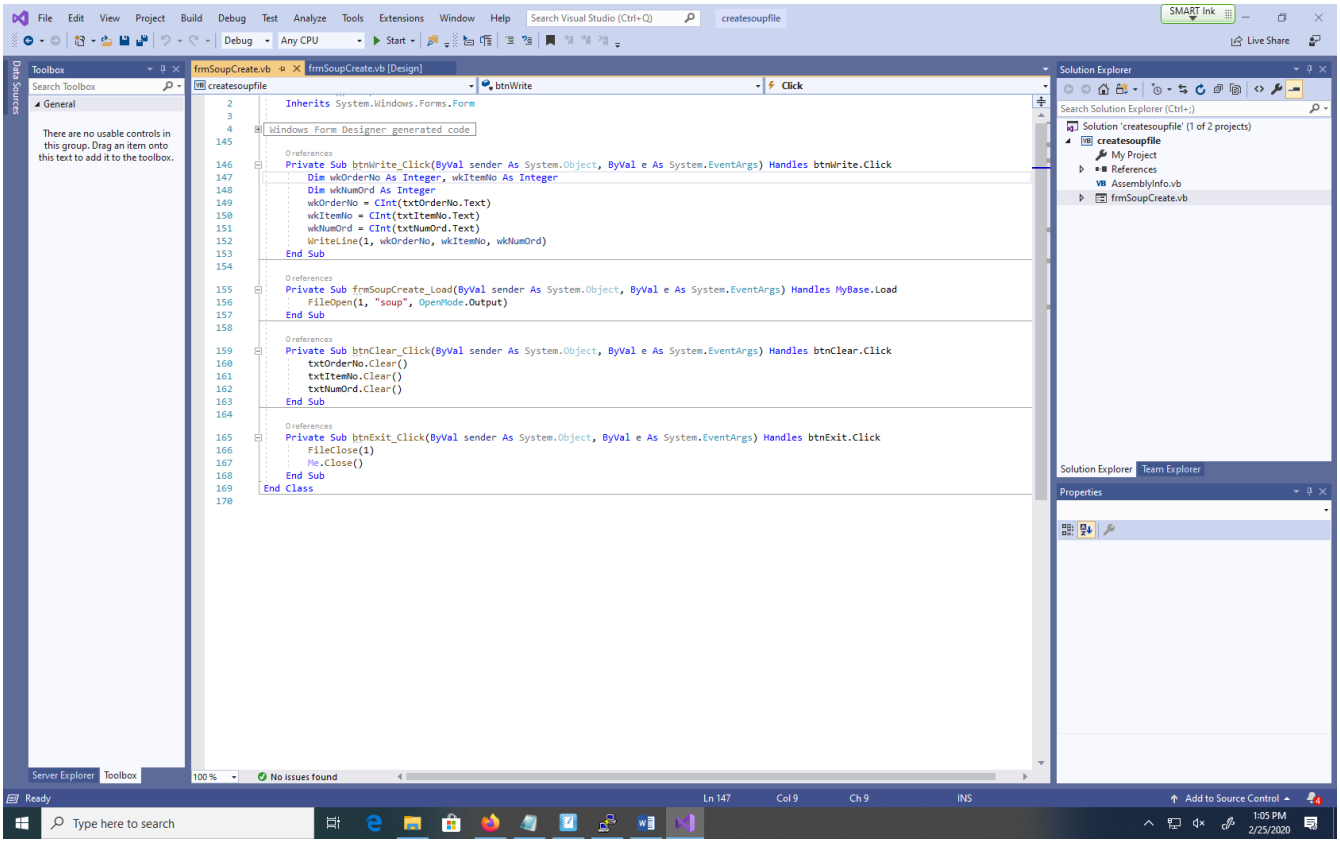

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
deptarrayimplicit
SMART Ink
Live Share
Debug
Any CPU
Start
Toolbox
Search Toolbox
General
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
modArray.vb
deptarrayimplicit
modArray
deptArray
Module modArray
Public deptArray() As String = {"Books", "Toys", "Gifts", "Cookware"}
End Module
100 %
No issues found
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'deptarrayimplicit' (1 of 2 projects)
deptarrayimplicit
My Project
References
AssemblyInfo.vb
frmDept.vb
modArray.vb
Solution Explorer
Team Explorer
Properties
Server Explorer
Toolbox
Ready
Ln 1
Col 1
Ch 1
INS
Add to Source Control
Type here to search
12:42 PM
2/25/2020

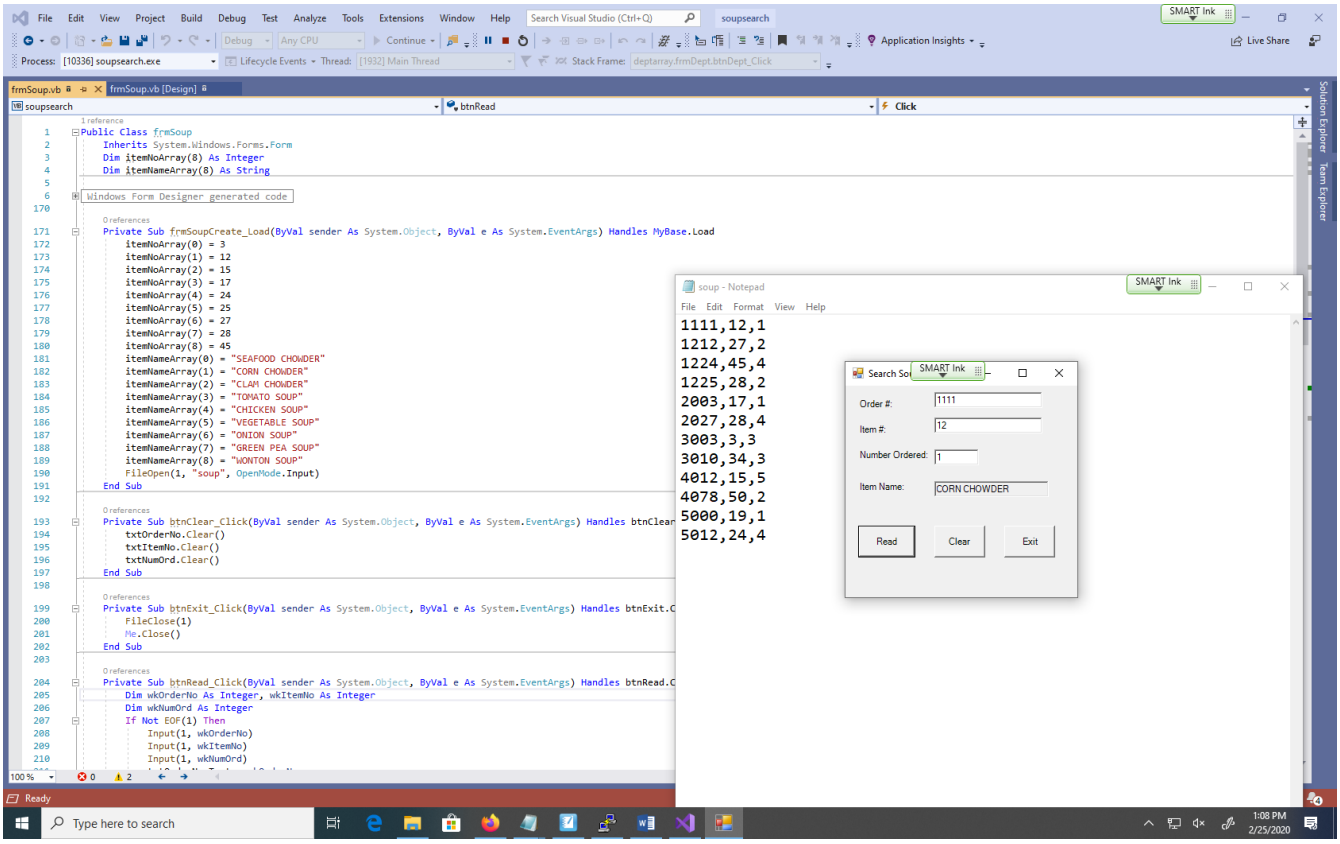

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Add Windows Form...
Add User Control...
Add Component...
Add Module...
Add Class...
Add New Data Source...
Add New Item... Ctrl+Shift+A
Add Existing Item... Shift+Alt+A
Exclude From Project
Show All Files
Add Reference...
Add Service Reference...
Add Connected Service
Add Analyzer...
Set as StartUp Project
Export Template...
Manage NuGet Packages...
Refresh Project Toolbox Items
deptarrayimplicit Properties...
modArray
deptArray
Public deptArray() As String = {"Books", "Toys", "Gifts", "Cookware"}
End Module
Solution Explorer
deptarrayimplicit
My Project
References
AssemblyInfo.vb
frmDept.vb
modArray.vb
Properties
Server Explorer
Toolbox
No issues found
Ready
Type here to search

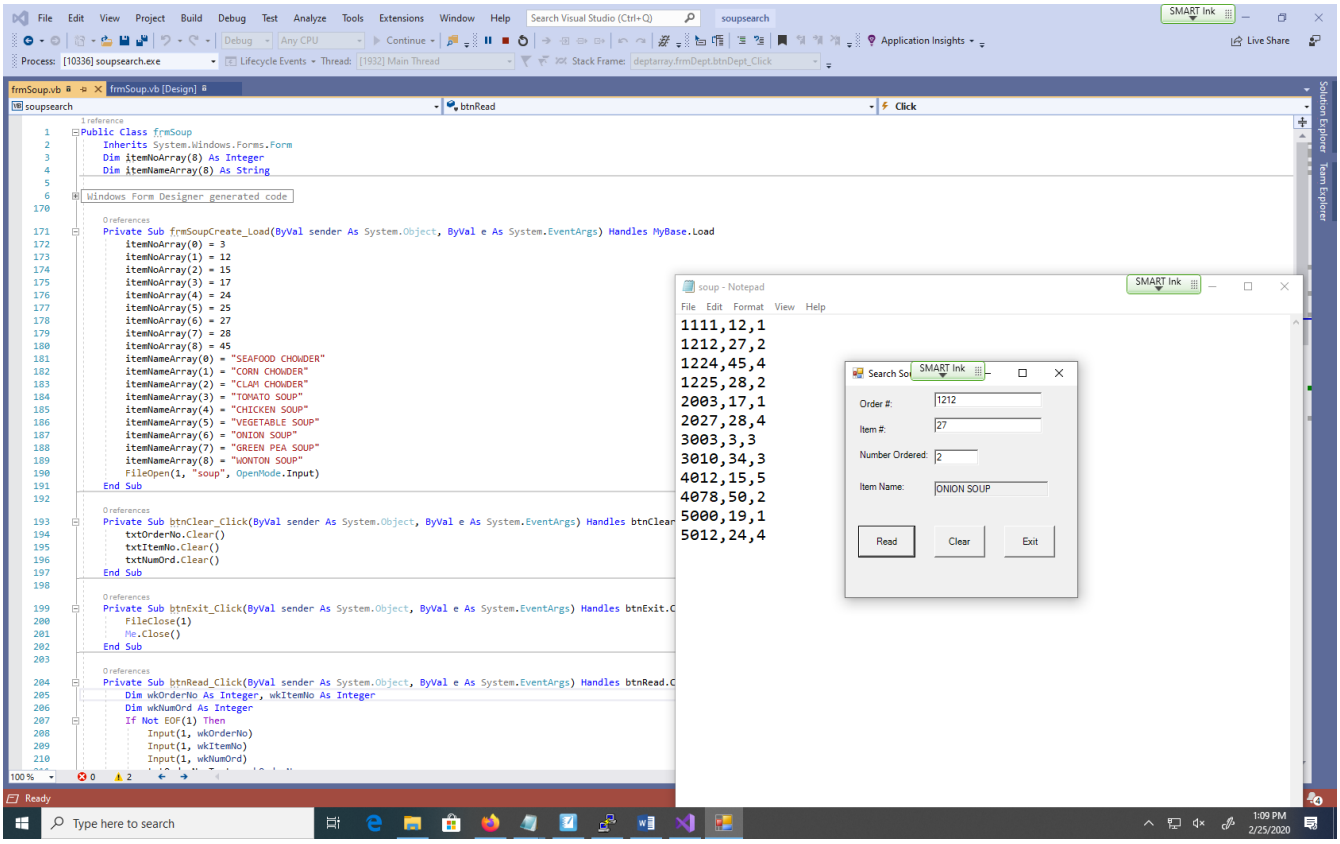

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
Search Visual Studio (Ctrl+Q)
deptarrayimplicit
Debug
Any CPU
Start
Live Share
Toolbox
Search Toolbox
General
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
frmDept.vb
frmDept.vb [Design]
modArray.vb
deptarrayimplicit
btnCheckDept
Click
1 reference
Public Class frmDept
Inherits System.Windows.Forms.Form
Windows Form Designer generated code
0 references
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
Solution Explorer
Search Solution Explorer (Ctrl+;)
Solution 'deptarrayimplicit' (1 of 2 projects)
deptarrayimplicit
My Project
References
AssemblyInfo.vb
frmDept.vb
modArray.vb
Solution Explorer
Team Explorer
Properties
Server Explorer
Toolbox
100 %
No issues found
Ready
Ln 92
Col 9
Ch 9
INS
Add to Source Control
Type here to search
12:44 PM
2/25/2020

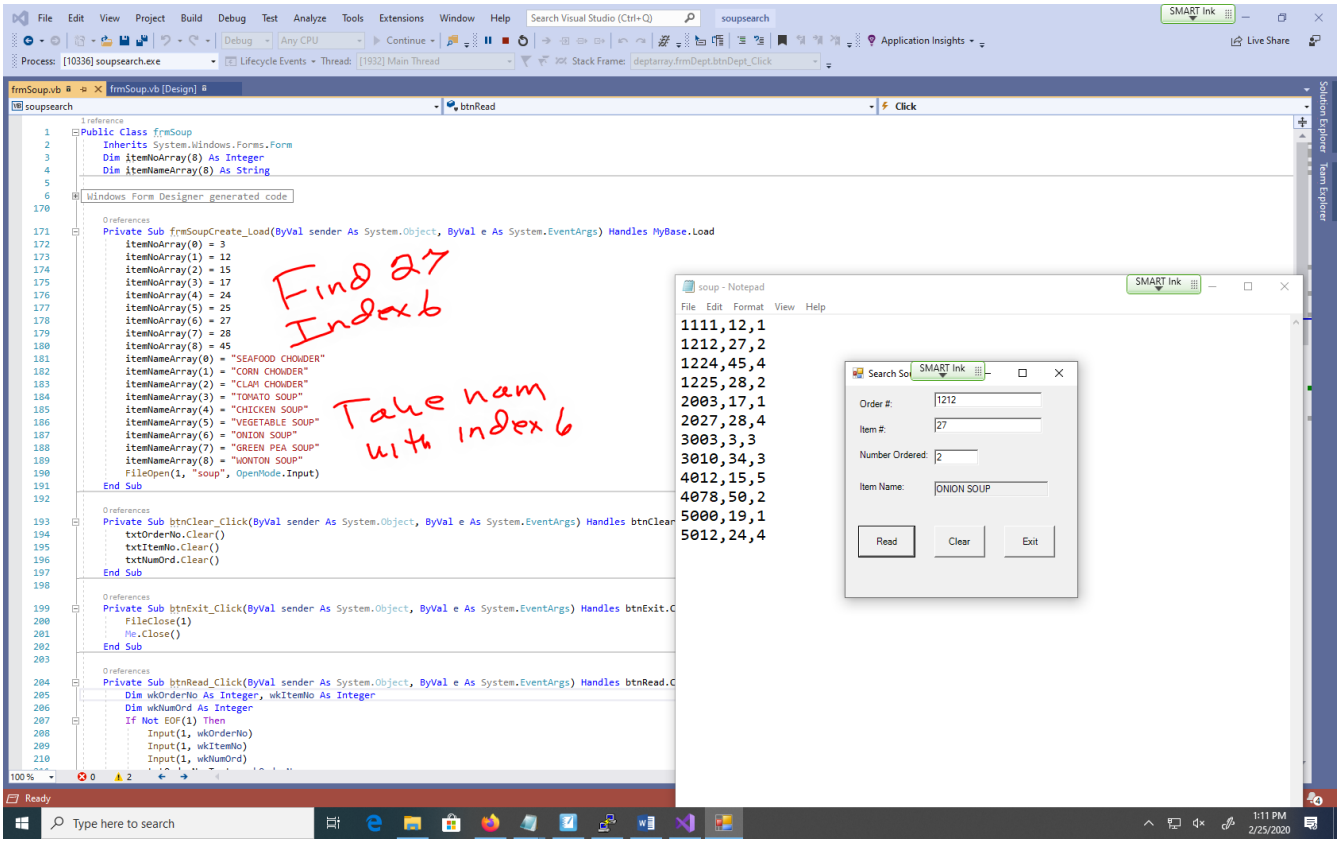

frmAirFare.vb
frmAirFare.vb [Design]
Private Sub btnGetPrice_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnGetPrice.Click
Dim fromPtr As Integer, toPtr As Integer, wkPrice As Single
Dim wkMsg As String
If IsNumeric(txtFrom.Text) And CInt(txtFrom.Text) < 4 Then
fromPtr = CInt(txtFrom.Text)
If IsNumeric(txtTo.Text) And CInt(txtTo.Text) < 3 Then
toPtr = CInt(txtTo.Text)
wkPrice = priceArray(fromPtr, toPtr)
wkMsg = "The price to fly from " & fromCity(fromPtr) & _
" to " & toCity(toPtr) & " is " & _
FormatCurrency(wkPrice)
txtFare.Text = wkMsg
Else
txtFare.Text = "From City is valid, To City is not valid"
End If
Else
If IsNumeric(txtTo.Text) And CInt(txtTo.Text) < 3 Then
txtFare.Text = "From City is not valid, To City is valid"
Else
txtFare.Text = "Both From City and To City are invalid"
End If
End If
End Sub
Private Sub frmAirFare_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
fromCity(0) = "Boston, MA"
fromCity(1) = "New York, NY"
fromCity(2) = "Austin, TX"
fromCity(3) = "Washington,DC"
toCity(0) = "Istanbul"
toCity(1) = "Baku"
toCity(2) = "London"
priceArray(0, 0) = 800.97
priceArray(0, 1) = 987.98
priceArray(0, 2) = 299.99
priceArray(1, 0) = 745.75
priceArray(1, 1) = 923.45
priceArray(1, 2) = 235.97
priceArray(2, 0) = 967.87
priceArray(2, 1) = 1120.98
priceArray(2, 2) = 496.98
priceArray(3, 0) = 750.75
priceArray(3, 1) = 950.75
priceArray(3, 2) = 250.98
End Sub
Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear.Click
From city
To city
0 1 2 3
0 800.97
1 987.98 923.45
2 299.99
Solution Explorer
airfare
My Project
References
AssemblyInfo.vb
frmAirFare.vb
Toolbox
Properties

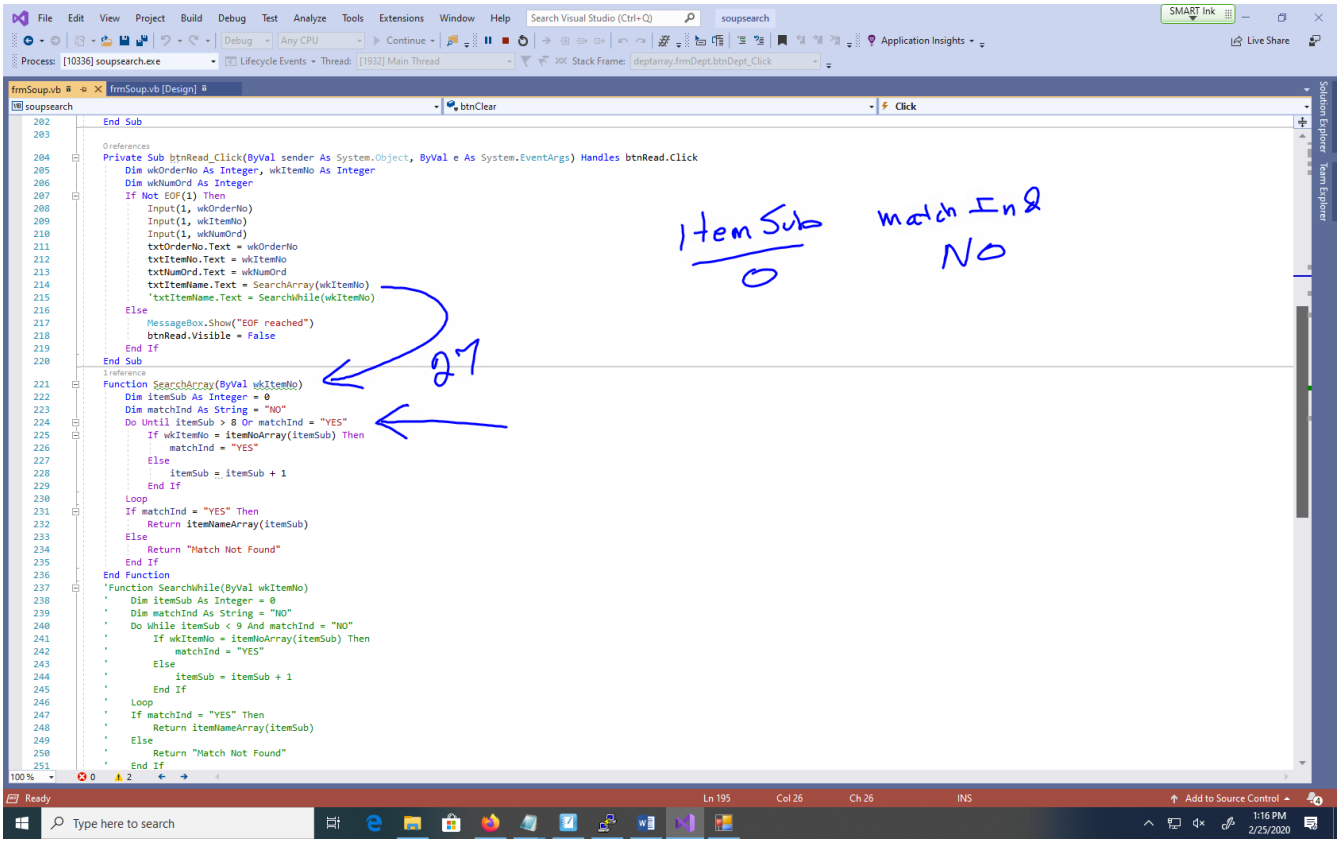

Inherits System.Windows.Forms.Form
Dim priceArray(,) As Single = {{800.97, 987.98, 299.99}, _
{745.75, 923.45, 235.97}, _
{967.87, 1120.98, 496.98}, _
{750.75, 950.75, 250.98}}
Dim fromCity(3) As String
Dim toCity(2) As String
Windows Form Designer generated code
Private Sub btnGetPrice_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnGetPrice.Click
Dim fromPtr As Integer, toPtr As Integer, wkPrice As Single
Dim wkMsg As String
If IsNumeric(txtFrom.Text) And CInt(txtFrom.Text) < 4 Then
fromPtr = CInt(txtFrom.Text)
If IsNumeric(txtTo.Text) And CInt(txtTo.Text) < 3 Then
toPtr = CInt(txtTo.Text)
wkPrice = priceArray(fromPtr, toPtr)
wkMsg = "The price to fly from " & fromCity(fromPtr) & _
" to " & toCity(toPtr) & " is " & _
FormatCurrency(wkPrice)
txtFare.Text = wkMsg
Else
txtFare.Text = "From City is valid, To City is not valid"
End If
Else
If IsNumeric(txtTo.Text) And CInt(txtTo.Text) < 3 Then
txtFare.Text = "From City is not valid, To City is valid"
Else
txtFare.Text = "Both From City and To City are invalid"
End If
End If
End Sub
Private Sub frmAirFare_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
fromCity(0) = "Boston, MA"
fromCity(1) = "New York, NY"
fromCity(2) = "Austin, TX"
fromCity(3) = "Washington,DC"
toCity(0) = "Istanbul"
toCity(1) = "Baku"
toCity(2) = "London"
'priceArray(0, 0) = 800.97
'priceArray(0, 1) = 987.98
'priceArray(0, 2) = 299.99
'priceArray(1, 0) = 745.75
'priceArray(1, 1) = 923.45
'priceArray(1, 2) = 235.97
'priceArray(2, 0) = 967.87
'priceArray(2, 1) = 1120.98
'priceArray(2, 2) = 496.98


createsoupfile
frmSoupCreate.vb
frmSoupCreate.vb [Design]
btnWrite
Click
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 MyBase.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
Toolbox
There are no usable controls in this group. Drag an item onto this text to add it to the toolbox.
Solution Explorer
Solution 'createsoupfile' (1 of 2 projects)
createsoupfile
My Project
References
AssemblyInfo.vb
frmSoupCreate.vb
Properties
No issues found
Ready
Ln 147
Col 9
Ch 9
INS
Type here to search

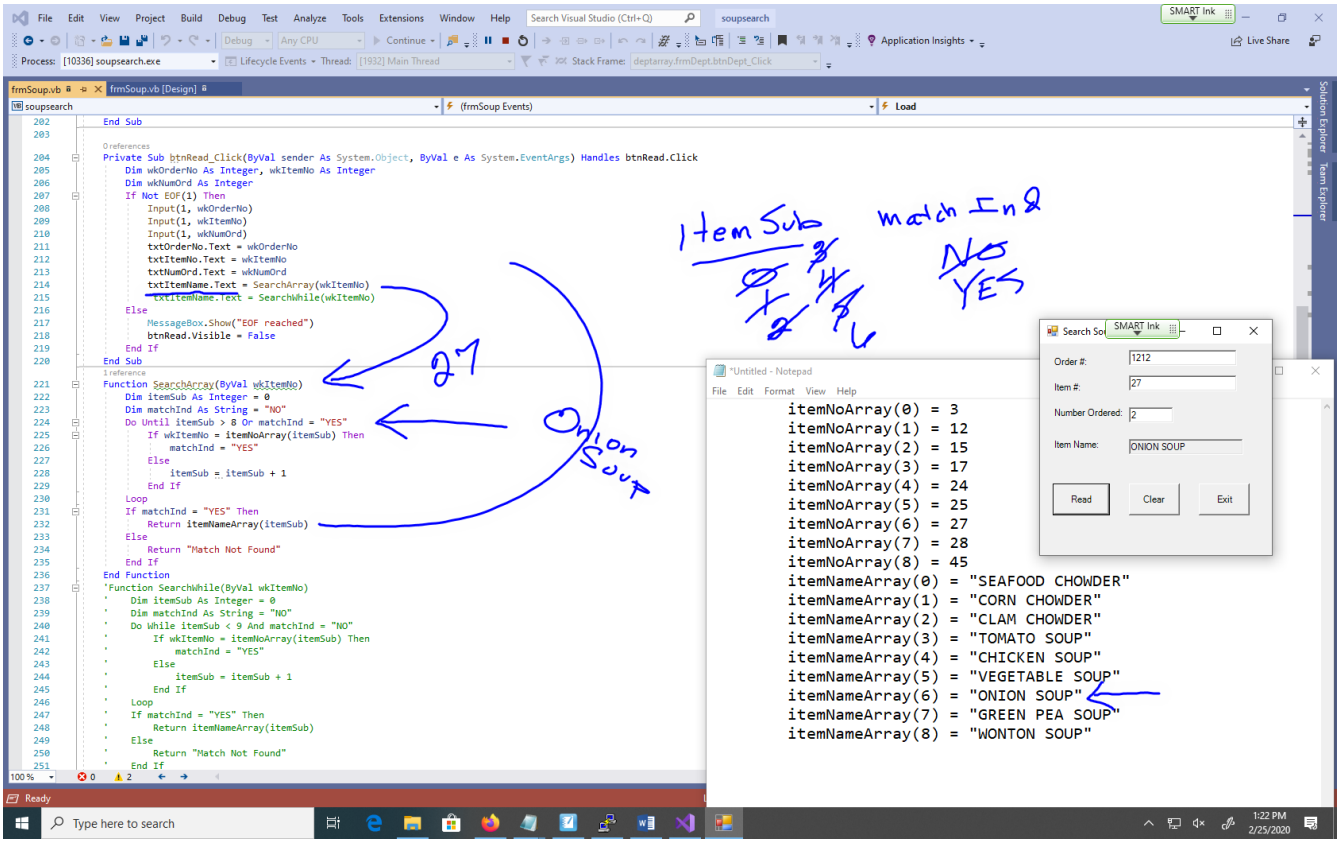

frmSoup.vb
frmSoup.vb [Design]
soupsearch
btnRead
Click
Public Class frmSoup
Inherits System.Windows.Forms.Form
Dim itemNoArray(8) As Integer
Dim itemNameArray(8) As String
Windows Form Designer generated code
Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
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) = "WONTON SOUP"
FileOpen(1, "soup", OpenMode.Input)
End Sub
Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear
txtOrderNo.Clear()
txtItemNo.Clear()
txtNumOrd.Clear()
End Sub
Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.C
FileClose(1)
Me.Close()
End Sub
Private Sub btnRead_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRead.C
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)
soup - Notepad
File Edit Format View Help
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
Order #:
1111
Item #:
12
Number Ordered:
1
Item Name:
CORN CHOWDER
Read
Clear
Exit
Ready
Type here to search
1:08 PM
2/25/2020

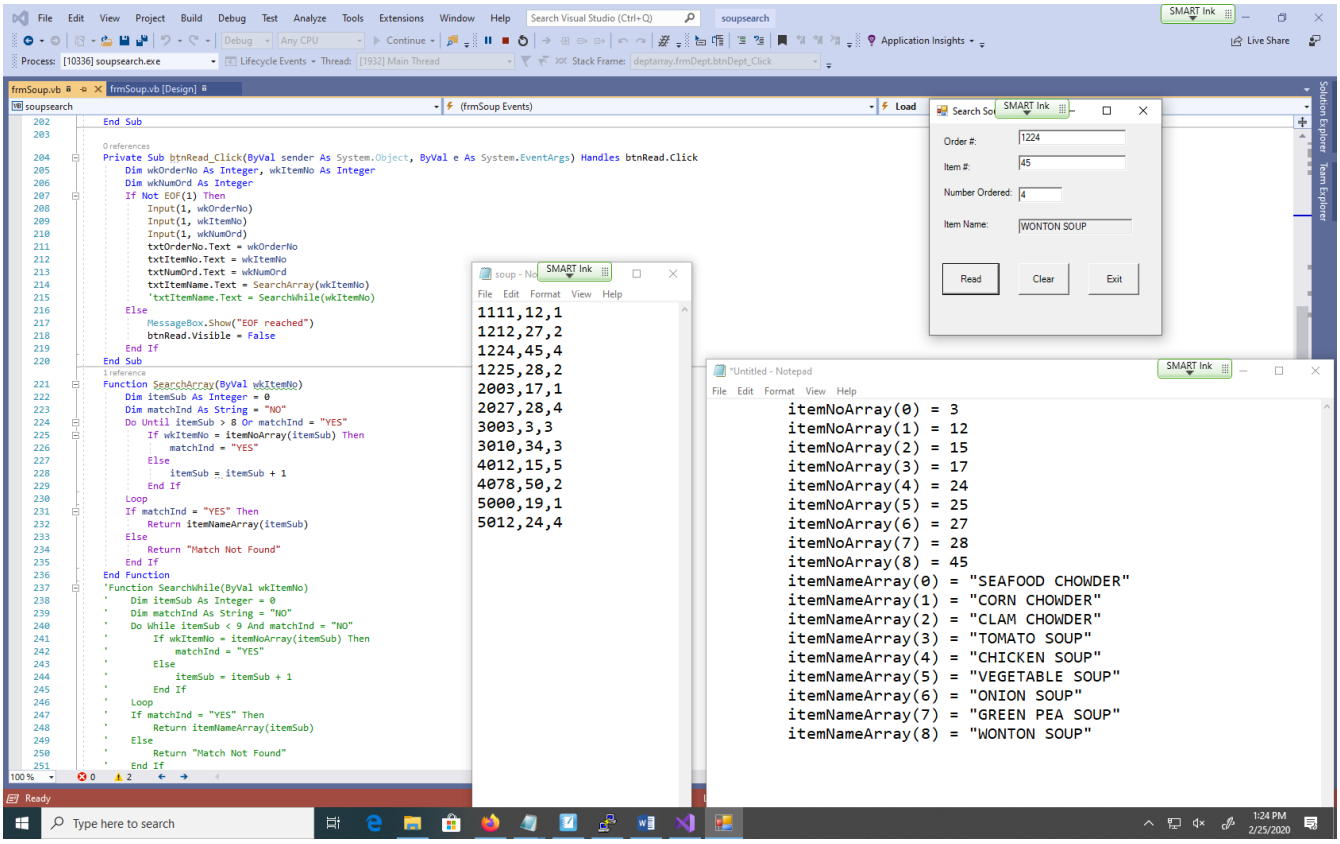

File Edit View Project Build Debug Test Analyze Tools Extensions Window Help
soupsearch
frmSoup.vb
frmSoup.vb [Design]
Public Class frmSoup
Inherits System.Windows.Forms.Form
Dim itemNoArray(8) As Integer
Dim itemNameArray(8) As String
Windows Form Designer generated code
Private Sub frmSoupCreate_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
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) = "WONTON SOUP"
FileOpen(1, "soup", OpenMode.Input)
End Sub
Private Sub btnClear_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnClear
txtOrderNo.Clear()
txtItemNo.Clear()
txtNumOrd.Clear()
End Sub
Private Sub btnExit_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnExit.C
FileClose(1)
Me.Close()
End Sub
Private Sub btnRead_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles btnRead.C
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)
soup - Notepad
File Edit Format View Help
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
Order #:
1212
Item #:
27
Number Ordered:
2
Item Name:
ONION SOUP
Read
Clear
Exit
SMART Ink
Ready
Type here to search
1:09 PM
2/25/2020

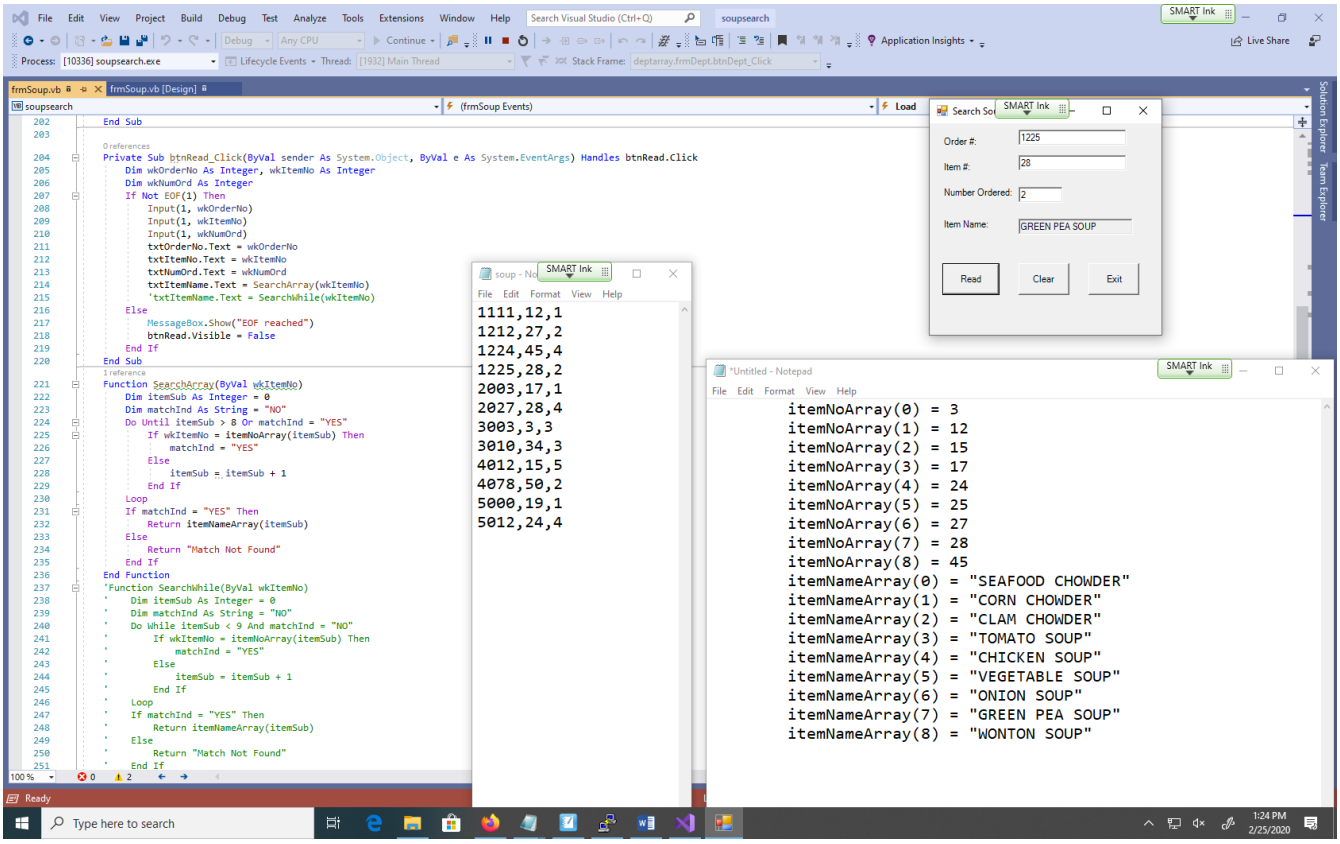

Find 27
Index 6
Take nam
with index 6
soup - Notepad
1111,12,1
1212,27,2
1224,45,4
1225,28,2
2003,17,1
2027,28,4
3003,3,3
3010,34,3
4012,15,5
4078,50,2
5000,19,1
5012,24,4
Order #: 1212
Item #: 27
Number Ordered: 2
Item Name: ONION SOUP
Read
Clear
Exit

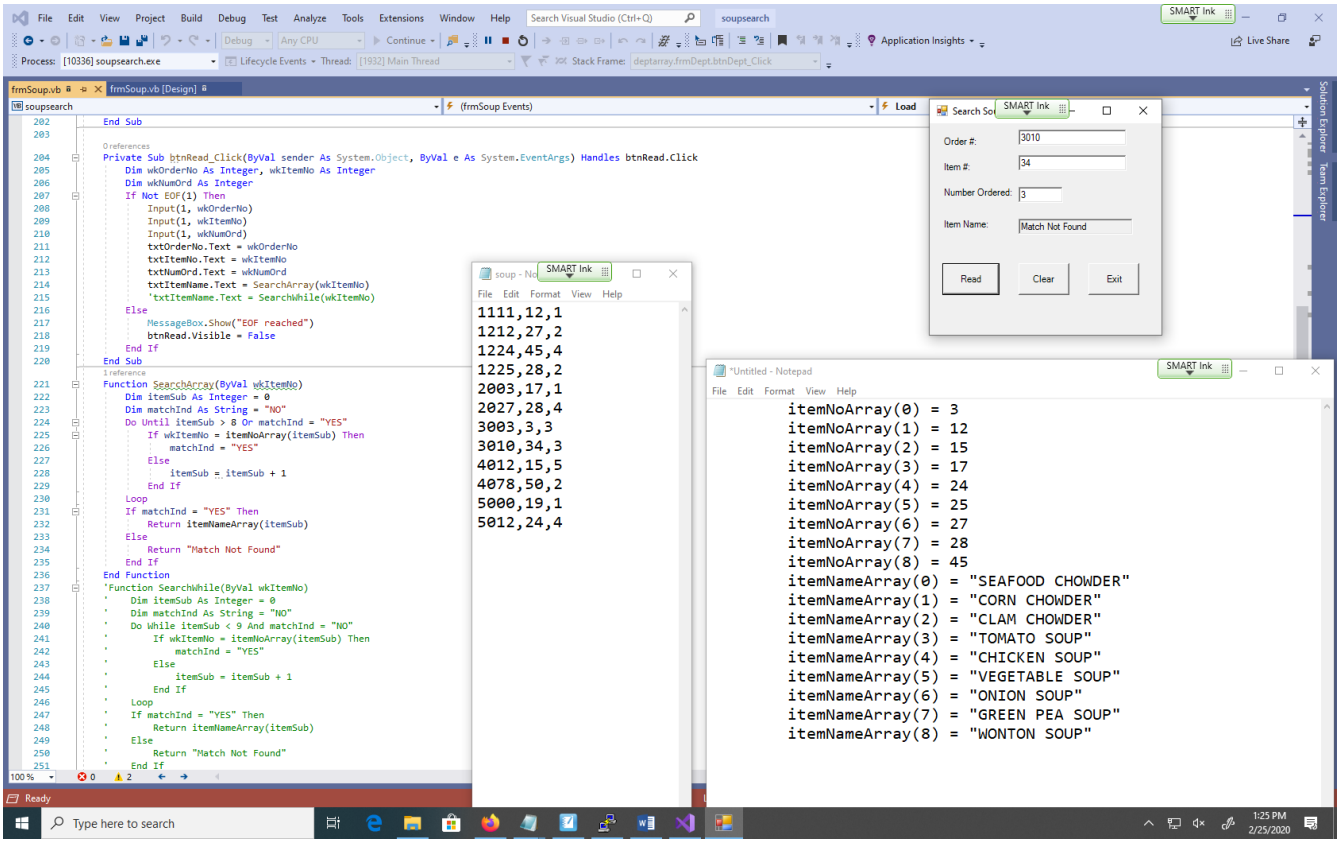


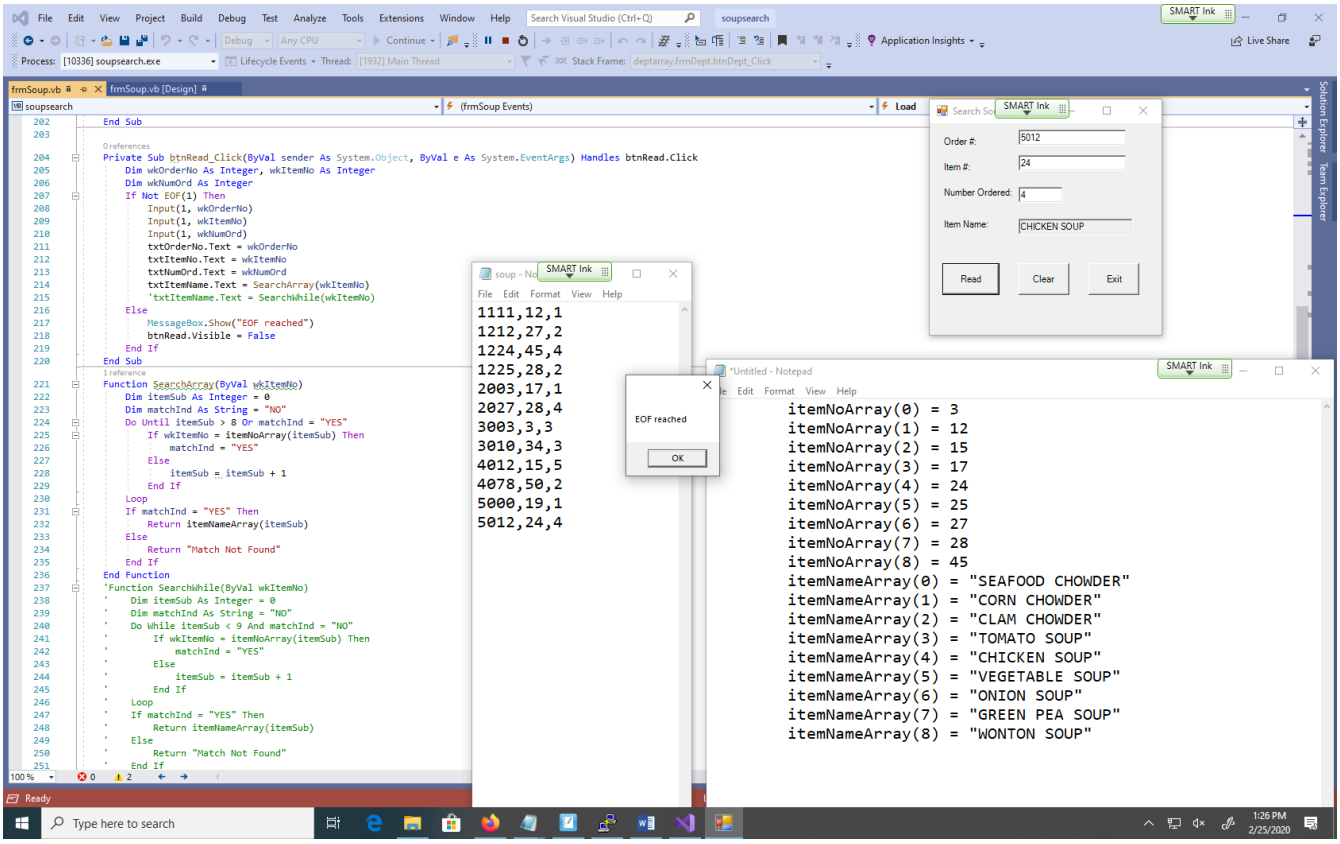

```
    End Sub

    0references
    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)
            'txtItemName.Text = SearchWhile(wkItemNo)
        Else
            MessageBox.Show("EOF reached")
            btnRead.Visible = False
        End If
    End Sub
    1reference
    Function SearchArray(ByVal wkItemNo)
        Dim itemSub As Integer = 0
        Dim matchInd As String = "NO"
        Do Until itemSub > 8 Or matchInd = "YES"
            If wkItemNo = itemNoArray(itemSub) Then
                matchInd = "YES"
            Else
                itemSub = itemSub + 1
            End If
        Loop
        If matchInd = "YES" Then
            Return itemNameArray(itemSub)
        Else
            Return "Match Not Found"
        End If
    End Function
    'Function SearchWhile(ByVal wkItemNo)
    '    Dim itemSub As Integer = 0
    '    Dim matchInd As String = "NO"
    '    Do While itemSub < 9 And matchInd = "NO"
    '        If wkItemNo = itemNoArray(itemSub) Then
    '            matchInd = "YES"
    '        Else
    '            itemSub = itemSub + 1
    '        End If
    '    Loop
    '    If matchInd = "YES" Then
    '        Return itemNameArray(itemSub)
    '    Else
    '        Return "Match Not Found"
    '    End If
```

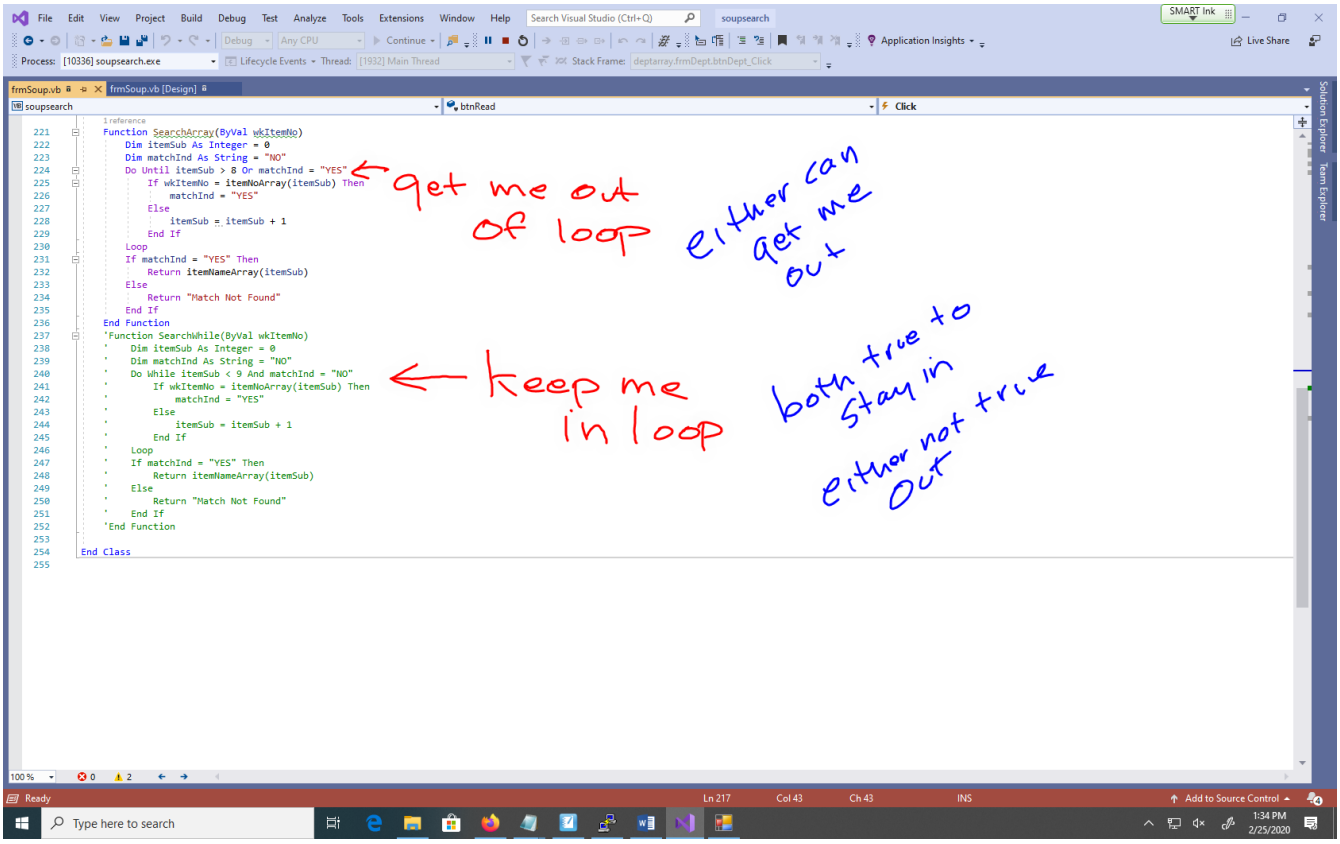

itemNoArray(0) = 3
itemNoArray(1) = 12
itemNoArray(2) = 15
itemNoArray(3) = 17
itemNoArray(4) = 24
itemNoArray(5) = 25
itemNoArray(6) = 27
itemNoArray(7) = 28
itemNoArray(8) = 45
itemNameArray(0) = "SEAFOOD CHOWDER"
itemNameArray(1) = "CORN CHOWDER"
itemNameArray(2) = "CLAM CHOWDER"
itemNameArray(3) = "TOMATO SOUP"
itemNameArray(4) = "CHICKEN SOUP"
itemNameArray(5) = "VEGETABLE SOUP"
itemNameArray(6) = "ONION SOUP"
itemNameArray(7) = "GREEN PEA SOUP"
itemNameArray(8) = "WONTON SOUP"
Order #: 1212
Item #: 27
Number Ordered: 2
Item Name: ONION SOUP
Read
Clear
Exit


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)
'txtItemName.Text = SearchWhile(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 = itemNoArray(itemSub) Then
matchInd = "YES"
Else
itemSub = itemSub + 1
End If
Loop
If matchInd = "YES" Then
Return itemNameArray(itemSub)
Else
Return "Match Not Found"
End If
End Function
'Function SearchWhile(ByVal wkItemNo)
' Dim itemSub As Integer = 0
' Dim matchInd As String = "NO"
' Do While itemSub < 9 And matchInd = "NO"
' If wkItemNo = itemNoArray(itemSub) Then
' matchInd = "YES"
' Else
' itemSub = itemSub + 1
' End If
' Loop
' If matchInd = "YES" Then
' Return itemNameArray(itemSub)
' Else
' Return "Match Not Found"
' End If
Order #: 1224
Item #: 45
Number Ordered: 4
Item Name: WONTON SOUP
Read
Clear
Exit
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
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) = "WONTON SOUP"
Ready
Type here to search
1:24 PM
2/25/2020


Order #: 1225
Item #: 28
Number Ordered: 2
Item Name: GREEN PEA SOUP
Read
Clear
Exit
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
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) = "WONTON SOUP"


frmSoup.vb
frmSoup.vb [Design]
soupsearch
(frmSoup Events)
Load
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)
'txtItemName.Text = SearchWhile(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 = itemNoArray(itemSub) Then
matchInd = "YES"
Else
itemSub = itemSub + 1
End If
Loop
If matchInd = "YES" Then
Return itemNameArray(itemSub)
Else
Return "Match Not Found"
End If
End Function
'Function SearchWhile(ByVal wkItemNo)
' Dim itemSub As Integer = 0
' Dim matchInd As String = "NO"
' Do While itemSub < 9 And matchInd = "NO"
' If wkItemNo = itemNoArray(itemSub) Then
' matchInd = "YES"
' Else
' itemSub = itemSub + 1
' End If
' Loop
' If matchInd = "YES" Then
' Return itemNameArray(itemSub)
' Else
' Return "Match Not Found"
' End If
Search So
Order #:
3010
Item #:
34
Number Ordered:
3
Item Name:
Match Not Found
Read
Clear
Exit
soup - No
File Edit Format View Help
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
*Untitled - Notepad
File Edit Format View Help
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) = "WONTON SOUP"
Ready
Type here to search
1:25 PM
2/25/2020


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)
'txtItemName.Text = SearchWhile(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 = itemNoArray(itemSub) Then
matchInd = "YES"
Else
itemSub = itemSub + 1
End If
Loop
If matchInd = "YES" Then
Return itemNameArray(itemSub)
Else
Return "Match Not Found"
End If
End Function
'Function SearchWhile(ByVal wkItemNo)
' Dim itemSub As Integer = 0
' Dim matchInd As String = "NO"
' Do While itemSub < 9 And matchInd = "NO"
' If wkItemNo = itemNoArray(itemSub) Then
' matchInd = "YES"
' Else
' itemSub = itemSub + 1
' End If
' Loop
' If matchInd = "YES" Then
' Return itemNameArray(itemSub)
' Else
' Return "Match Not Found"
' End If
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
EOF reached
OK
Order #:
5012
Item #:
24
Number Ordered:
4
Item Name:
CHICKEN SOUP
Read
Clear
Exit
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) = "WONTON SOUP"


frmSoup.vb
frmSoup.vb [Design]
soupsearch
btnRead
Click
1 reference
Function SearchArray(ByVal wkItemNo)
Dim itemSub As Integer = 0
Dim matchInd As String = "NO"
Do Until itemSub > 8 Or matchInd = "YES"
If wkItemNo = itemNoArray(itemSub) Then
matchInd = "YES"
Else
itemSub = itemSub + 1
End If
Loop
If matchInd = "YES" Then
Return itemNameArray(itemSub)
Else
Return "Match Not Found"
End If
End Function
'Function SearchWhile(ByVal wkItemNo)
' Dim itemSub As Integer = 0
' Dim matchInd As String = "NO"
' Do While itemSub < 9 And matchInd = "NO"
' If wkItemNo = itemNoArray(itemSub) Then
' matchInd = "YES"
' Else
' itemSub = itemSub + 1
' End If
' Loop
' If matchInd = "YES" Then
' Return itemNameArray(itemSub)
' Else
' Return "Match Not Found"
' End If
'End Function
End Class
get me out of loop
either can get me out
keep me in loop
both true to Stay in
either not true Out
Ready
Ln 217
Col 43
Ch 43
INS
Type here to search