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1
2 'Logan Garcia
3 'RCET0265
4 'Spring 2020
5 'Stan's Grocery
6 'https://github.com/garcloga/LRG-VS-S20
7
8 Option Strict On
9 Option Explicit On
10
11 Public Class StansGroceryForm
12     Dim Myarray(2, 4) As String
13     Dim aisle As Integer = 0
14     Dim item As Integer = 0
15
16     Private Sub StansGroceryForm_Load(sender As Object, e As EventArgs) Handles MyBase.Load
17         Dim file As String = "C:\\Users\\garcl\\OneDrive\\Documents\\Visual Studio
18             Class Projects\\LRG-VS-S20\\StansGrocery\\StansGrocery\\Grocery Item
19             List.txt" 'File Location
20         FileOpen(1, file, OpenMode.Input) 'Open's File
21         Do While Not EOF(1)
22             Myarray(aisle, item) = LineInput(1)
23             SelectedItemBox.Items.Add(Myarray(aisle, item))
24             If item < 4 Then
25                 item = item + 1
26             ElseIf item = 4 Then
27                 item = 0
28                 aisle = aisle + 1
29             End If
30         Loop
31         FileClose()
32     End Sub
33
34     Private Sub AboutToolStripMenuItem_Click(sender As Object, e As EventArgs) Handles AboutToolStripMenuItem.Click
35         MsgBox("GUI: Tim Rossitor" & vbNewLine & "Program: Logan Garcia" &
36             vbNewLine & "Version 0.1")
37     End Sub
38
39     Private Sub SelectedItemBox_SelectedIndexChanged(sender As Object, e As
40         EventArgs) Handles SelectedItemBox.SelectedIndexChanged
41         Dim find As Boolean
42         find = True
43         aisle = 0
44         item = 0
45         DisplayListBox.Items.Clear()
46         Do While find = True 'Searches the Array
47             If SelectedItemBox.Text = Myarray(aisle, item) Then
48                 find = False
49                 DisplayListBox.Items.Add("You will find " & Myarray(aisle, item)
50                     & " on aisle #" & (aisle + 1) & ", item #" & (item + 1))
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46         ElseIf item < 4 Then
47             item = item + 1
48         ElseIf item = 4 Then
49             item = 0
50             aisle = aisle + 1
51         ElseIf aisle > 4 Then
52             find = False
53             MsgBox("Item was not found, try agian.")
54         End If
55     Loop
56 End Sub
57
58 Private Sub LookUpItemTextBox_TextChanged(sender As Object, e As EventArgs) ➤
59     Handles LookUpItemTextBox.TextChanged
60     'Drop down menu
61     If LookUpItemTextBox.Text = "" Then
62         SelectedItemBox.Enabled = True
63     Else
64         SelectedItemBox.Enabled = False
65     End If
66 End Sub
67
68 Private Sub SearchButton_Click(sender As Object, e As EventArgs) Handles ➤
69     SearchButton.Click
70     Dim find As Boolean
71     find = True
72     aisle = 0
73     item = 0
74     DisplayListBox.Items.Clear()
75     Do While find = True 'Search the array
76         Try
77             If LookUpItemTextBox.Text = "" Then
78                 find = False
79                 MsgBox("Please enter a search or select from the dropdown.")
80             ElseIf LCase(LookUpItemTextBox.Text) = "zzz" Then
81                 find = False
82                 Me.Close()
83             ElseIf LCase(LookUpItemTextBox.Text) = LCase(Myarray(aisle, ➤
84                 item)) Then
85                 find = False
86                 DisplayListBox.Items.Add("You will find " & Myarray(aisle, ➤
87                     item) & " on aisle #" & (aisle + 1) & ", item #" & (item + ➤
88                     1))
89             ElseIf item < 4 Then
90                 item = item + 1
91             ElseIf item = 4 Then
92                 item = 0
93                 aisle = aisle + 1
94             ElseIf aisle > 4 Then
95                 find = False
96                 MsgBox("Item not found!")
97             End If

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93         Catch ex As Exception
94             find = False
95             MsgBox("Item not found!")
96             LookUpItemTextBox.Text = ""
97         End Try
98     Loop
99 End Sub
100
101 Private Sub ExitToolStripMenuItem_Click(sender As Object, e As EventArgs)
102     Handles ExitToolStripMenuItem.Click
103     Me.Close()
104 End Sub
105 End Class
```