```vb
1  'Jemika Smith
2  'RCET0265
3  'Spring 2020
4  'Stans Grocery
5  'https://github.com/smitjemi/JKS-VS-S20
6  Public Class StansGroceryForm
7      Dim Myarray(2, 4) As String
8      Dim x As Integer = 0
9      Dim y As Integer = 0
10     Private Sub StansGroceryForm_Load(sender As Object, e As EventArgs) Handles  ⮡
         MyBase.Load
11         Dim file As String = "..\..\Grocery Item List.txt" 'File is located and  ⮡
             read.
12         FileOpen(1, file, OpenMode.Input) 'Open's File
13         Do While Not EOF(1)
14             Myarray(x, y) = LineInput(1)
15             SelectedItemBox.Items.Add(Myarray(x, y))
16             If y < 4 Then
17                 y = y + 1
18             ElseIf y = 4 Then
19                 y = 0
20                 x = x + 1
21             End If
22         Loop
23         FileClose()
24     End Sub
25     Private Sub AboutTopMenuItem_Click(sender As Object, e As EventArgs) Handles  ⮡
         AboutTopMenuItem.Click
26         MsgBox("GUI: Tim Rossitor" & vbNewLine & "Program: Jemika Smith" &        ⮡
             vbNewLine & "Version 0.1")
27     End Sub
28     Private Sub SelectedItemBox_SelectedIndexChanged(sender As Object, e As       ⮡
         EventArgs) Handles SelectedItemBox.SelectedIndexChanged
29         Dim find As Boolean
30         find = True
31         x = 0
32         y = 0
33         DisplayListBox.Items.Clear()
34         Do While find = True 'Searches the Array
35             If SelectedItemBox.Text = Myarray(x, y) Then
36                 find = False
37                 DisplayListBox.Items.Add("You will find " & Myarray(x, y) & " on  ⮡
                     asile #" & (x + 1) & ", item #" & (y + 1))
38             ElseIf y < 4 Then
39                 y = y + 1
40             ElseIf y = 4 Then
41                 y = 0
42                 x = x + 1
43             ElseIf x > 4 Then
44                 find = False
45                 MsgBox("Item was not found, try agian.")
46             End If
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47            Loop
48        End Sub
49        Private Sub LookUpItemTextBox_TextChanged(sender As Object, e As EventArgs)    ⇄
              Handles LookUpItemTextBox.TextChanged
50            'Drop down menu
51            If LookUpItemTextBox.Text = "" Then
52                SelectedItemBox.Enabled = True
53            Else
54                SelectedItemBox.Enabled = False
55            End If
56        End Sub
57        Private Sub SearchButton_Click(sender As Object, e As EventArgs) Handles    ⇄
          SearchButton.Click
58            Dim find As Boolean
59            find = True
60            x = 0
61            y = 0
62            DisplayListBox.Items.Clear()
63            Do While find = True 'Search the array
64                Try
65                    If LookUpItemTextBox.Text = "" Then
66                        find = False
67                        MsgBox("Please enter a search or select from the dropdown.")
68                    ElseIf LCase(LookUpItemTextBox.Text) = "zzz" Then
69                        find = False
70                        Me.Close()
71                    ElseIf LCase(LookUpItemTextBox.Text) = LCase(Myarray(x, y)) Then
72                        find = False
73                        DisplayListBox.Items.Add("You will find " & Myarray(x, y) & "    ⇄
                         on asile #" & (x + 1) & ", item #" & (y + 1))
74                    ElseIf y < 4 Then
75                        y = y + 1
76                    ElseIf y = 4 Then
77                        y = 0
78                        x = x + 1
79                    ElseIf x > 4 Then
80                        find = False
81                        MsgBox("Item not found!")
82                    End If
83                Catch ex As Exception
84                    find = False
85                    MsgBox("Item not found!")
86                    LookUpItemTextBox.Text = ""
87                End Try
88            Loop
89        End Sub
90        Private Sub ExitToolStripMenuItem_Click_1(sender As Object, e As EventArgs)    ⇄
              Handles ExitToolStripMenuItem.Click
91            Me.Close()
92        End Sub
93    End Class
94
```