

VERSION 5.00

Begin VB.Form Form1

```
Caption           = "Frequency"
ClientHeight      = 5700
ClientLeft        = 120
ClientTop         = 465
ClientWidth       = 4155
LinkTopic         = "Form1"
ScaleHeight       = 5700
ScaleWidth        = 4155
StartupPosition   = 3 'Windows Default
```

Begin VB.TextBox Text2

```
Height           = 2295
Left             = 600
MultiLine        = -1 'True
ScrollBars       = 2 'Vertical
TabIndex         = 3
Top              = 2760
Visible          = 0 'False
Width            = 2895
```

End

Begin VB.CommandButton Command1

```
Caption          = "Run"
Height           = 495
Left             = 1080
TabIndex         = 1
Top              = 960
Width            = 1695
```

End

Begin VB.TextBox Text1

```
Height           = 375
Left             = 480
TabIndex         = 0
Text             = "2 3 5 88    9 2 3"
Top              = 360
Width            = 3255
```

End

Begin VB.Label Label1

```
Enabled          = 0 'False
Height           = 375
Left             = 1080
TabIndex         = 2
Top              = 2280
Width            = 2055
```

End

End

Attribute VB_Name = "Form1"

Attribute VB_GlobalNameSpace = False

Attribute VB_Creatable = False

Attribute VB_PredeclaredId = True

Attribute VB_Exposed = False

' Question #58973, Programming & Computer Science / Visual Basic

Private Sub Command1_Click()

```

Dim frequency() As Integer
Dim arr() As Integer
Dim arrS() As String

arrS = Split(Text1, " ")
n = UBound(arrS)
ReDim arr(n)

Dim i As Integer
Dim max As Integer

max = Val(arrS(0))
k = 0
For i = 0 To UBound(arrS)
    If Len(Trim(arrS(i))) > 0 Then
        arr(k) = Val(arrS(i))
        If max < arr(k) Then max = arr(k)
        k = k + 1
    End If
Next i

ReDim frequency(max)
For i = 0 To k - 1
    frequency(arr(i)) = frequency(arr(i)) + 1
Next i

res = ""
For i = 0 To max
    If frequency(i) > 0 Then res = res & i & " - frequency " & frequency(i) &
vbNewLine
Next i

Label1 = "Maximum " & max
Text2 = res
Text2.Visible = True
End Sub

```