Dim arrnum(5000) As Integer

Dim i As Integer

Private Sub cmdbinsearch\_Click()

Dim low As Integer, high As Integer, md As Integer, pos As Integer

Dim si As Integer

low = 1

high = 50

si = Val(txtnum)

pos = 0

Do While low <= high

md = Int((low + high) / 2)

'MsgBox md

If si < arrnum(md) Then

high = md - 1

ElseIf si > arrnum(md) Then

low = md + 1

Else

pos = md

Exit Do

End If

Loop

If pos = 0 Then

lblpos = "Doesn't exist"

Else

lblpos = pos

End If

End Sub

Private Sub cmdcreate\_Click()

Randomize

For i = 1 To 50

arrnum(i) = Int(Rnd \* 1000) + 1

List1.AddItem arrnum(i)

Next i

End Sub

Private Sub Command2\_Click()

Dim s As Double, t As Double

Dim f As Integer, b As Integer, temp As Integer

s = Timer

For f = 1 To 50 - 1

For b = f + 1 To 50

If arrnum(f) > arrnum(b) Then

temp = arrnum(f)

arrnum(f) = arrnum(b)

arrnum(b) = temp

End If

Next b

Next f

t = Timer - s

lbltime = t

For i = 1 To 50

List2.AddItem Str(i) + "-" + Str(arrnum(i))

Next i

End Sub