On Error GoTo errhan:

Dim unknown As Integer

Dim st As String

'I declared the number of unkowns as byte so the limit is 255

'If you want a to solve a bigger Linear System you have to change

'some variables and functions, "Var" is one of them.

unknown = CInt(txtVar.Text)

unknown1 = CInt(numpol.Text)

If unknown >= 1 And unknown < 26 Then

msFlexg.Cols = unknown + 2

msFlexg.Rows = unknown1 + 2

For i = 0 To unknown

msFlexg.TextMatrix(0, Var + 1 + i) = "x^" & (i)

Next

For i = 1 To unknown1

msFlexg.TextMatrix(i, 0) = "P" & (i)

Next

msFlexg.TextMatrix(unknown1 + 1, 0) = "Res"

Else

MsgBox "Range must be between 2 and 25", vbInformation, "Invalid range"

txtVar.SetFocus

'SendKeys "{Home}+{End}"

End If

Exit Sub

errhan:

MsgBox err.Description, vbInformation

Private Sub msFlexg\_KeyPress(KeyAscii As Integer)

Dim lennum As Integer

'To edit the MSFlexgrid control I use the KeyPress event

'Allow only numbers

If IsNumeric(Chr(KeyAscii)) Then

msFlexg.Text = msFlexg.Text & Chr(KeyAscii)

'or Back Key

ElseIf KeyAscii = vbKeyBack Then

lennum = Len(msFlexg.Text)

If lennum >= 1 Then

msFlexg.Text = Left(msFlexg.Text, lennum - 1)

End If

'this is used to allow decimal numbers

ElseIf KeyAscii = 46 Then

If (msFlexg.Text) <> "" Then

If IsNumeric(msFlexg.Text & "." & "0") Then msFlexg.Text = msFlexg.Text & "."

Else

msFlexg.Text = "."

End If

'and this to allow negative numbers

ElseIf KeyAscii = 45 Then

If Left(msFlexg.Text, 1) = "-" Then

lennum = Len(msFlexg.Text)

msFlexg.Text = Right(msFlexg.Text, lennum - 1)

Else

msFlexg.Text = "-" & msFlexg.Text

End If

'If you press Return it moves one cell to the left or to the next row or to the first

'row, depend on where you are

ElseIf KeyAscii = 13 Then

If Not msFlexg.col = (msFlexg.Cols - 1) Then

msFlexg.col = msFlexg.col + 1

ElseIf Not msFlexg.row = (msFlexg.Rows - 1) Then

msFlexg.col = 1

msFlexg.row = msFlexg.row + 1

Else

msFlexg.col = 1

msFlexg.row = 1

End If

End If

End Sub

Private Sub msFlexg\_LeaveCell()

'This keep the entries in numeric values any other entry, the cell is left empty

If msFlexg.Text = "." Or msFlexg.Text = "-" Or msFlexg.Text = "-." Then msFlexg.Text = "": Exit Sub

If msFlexg.Text = "" Then msFlexg.Text = 0

If Not msFlexg.Text = "" Then msFlexg.Text = CDec(msFlexg.Text)

End Sub