Dim ju As Integer
Dim I As Integer
Dim rota As Integer
Dim spee As Integer
Dim m As Integer
Dim gri As Integer
Dim cou As Integer

Private Sub Command1_Click()

a:
If ju = 0 Then
  vbOut 888, 0
  rota = Val(Text1.Text)
  spee = Val(Text2.Text)

  For m = 1 To rota
    vbOut 888, &H9
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next
    vbOut 888, &H8
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next
    vbOut 888, &HC
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next
    vbOut 888, &H4
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next
    vbOut 888, &H6
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next
    vbOut 888, &H2
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H3
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H1
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, 0
Next

Else

rota = Val(Text1.Text)
spee = Val(Text2.Text)
gri = Val(Text3.Text)

If gri > rota Then
MsgBox " Grids should not be greater than rotations!"
Text1.Text = ""
Text2.Text = ""
Text3.Text = ""
Text4.BackColor = vbBlue
GoTo a
End If

If gri = 0 Then
MsgBox " Grids should be at least one!"
Text1.Text = "1"
Text2.Text = ""
Text3.Text = "1"
Text4.BackColor = vbBlue
GoTo a
End If

*----------------------------------------------------------------------*

For m = 1 To rota

cou = cou + 1
If cou <= gri - 1 Then
vbOut 888, &H9
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H8
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &HC
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H4
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H6
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H2
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H3
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H1
For j = 1 To speed
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, 0
Else
vbOut 888, &H9
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H8
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &HC
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H4
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H6
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H2
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H3
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H1
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next

vbOut 888, 0

******************************************************************************

vbOut 888, &H90
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H80
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &HC0
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H40
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H60
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H20
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H30
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H10
For j = 1 To spee
For I = 1 To 1000
    I = I + 1
Next
j = j + 1
Next

vbOut 888, 0

End If

Next

******************************************************************************

End If
Text4.BackColor = vbGreen

End Sub

Private Sub Command2_Click()

b:
If ju = 0 Then

rota = Val(Text1.Text)
spee = Val(Text2.Text)

For m = 1 To rota

    vbOut 888, &H1
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next

    vbOut 888, &H3
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next

    vbOut 888, &H2
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next

    vbOut 888, &H6
    For j = 1 To spee
      For I = 1 To 1000
        I = I + 1
      Next
      j = j + 1
    Next

Next
j = j + 1  
Next  
vbOut 888, &H4  
For j = 1 To spee  
For I = 1 To 1000  
I = I + 1  
Next  
Next  

j = j + 1  
Next  
vbOut 888, &HC  
For j = 1 To spee  
For I = 1 To 1000  
I = I + 1  
Next  
Next  

j = j + 1  
Next  
vbOut 888, &H8  
For j = 1 To spee  
For I = 1 To 1000  
I = I + 1  
Next  
Next  

j = j + 1  
Next  
vbOut 888, &H9  
For j = 1 To spee  
For I = 1 To 1000  
I = I + 1  
Next  
Next  

vbOut 888, 0  

Next  

Else  

rota = Val(Text1.Text)  
spee = Val(Text2.Text)  
gri = Val(Text3.Text)  

If gri > rota Then  
MsgBox " Grids should not be greater than rotations!"  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Text4.BackColor = vbBlue  
GoTo b  
End If  

If gri = 0 Then  
MsgBox " Grids should be at least one!"  
Text1.Text = "1"  
Text2.Text = ""  
Text3.Text = "1"  
Text4.BackColor = vbBlue
GoTo b
End If

'*****************************************************
For m = 1 To rota
cou = cou + 1
If cou <= gri - 1 Then
  vbOut 888, &H1
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &H3
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &H2
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &H6
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &H4
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &HC
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
  vbOut 888, &H8
  For j = 1 To spee
  For I = 1 To 1000
    I = I + 1
    Next
  j = j + 1
  Next
vbOut 888, &H9
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next

vbOut 888, 0

Else
****************************************

vbOut 888, &H1
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H3
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H2
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H6
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H4
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &HC
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H8
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H9
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, 0
**********************************************************************
vbOut 888, &H10
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H30
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H20
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H60
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H40
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &HC0
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H8
Next
j = j + 1
Next
vbOut 888, &H80
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, &H90
For j = 1 To spee
For I = 1 To 1000
I = I + 1
Next
j = j + 1
Next
vbOut 888, 0

End If
Next

*********************************************
End If
Text4.BackColor = vbRed

End Sub

Private Sub Command3_Click()

vbOut 888, &H0
Text1.Text ="
Text2.Text ="
Text3.Text ="
Text4.BackColor = vbBlue
End Sub

Private Sub Command4_Click()
If ju = 0 Then
Text5.BackColor = vbGreen
Text3.Enabled = True
Text3.Locked = False
ju = ju + 1
Else: GoTo b
End If
GoTo a
b:
Text5.BackColor = vbRed
Text3.Enabled = False
Text3.Locked = True
Text3.Text ="
j = j - 1
End Sub

Private Sub Form_Load()
PAR_MOTOR.Caption = "Motor Bug" + "  " + Str(Date) + "  " + "Author:Peng Chen"
ju = 0
cou = 0
Text4.BackColor = vbBlue
Text5.BackColor = vbRed
Text3.Enabled = False
Text3.Locked = True
End Sub