Dim bsx As Integer

Dim bsy As Integer

Dim rsx As Integer

Dim rsy As Integer

Dim gsx As Integer

Dim gsy As Integer

Dim ysx As Integer

Dim ysy As Integer

Dim csx As Integer

Dim csy As Integer

Dim pmx As Single, pmy As Single, pmxo As Single, pmyo As Single

Dim tx As Single, theta As Single, i As Integer

Dim v As Single, ty As Single

Dim counter As Long

Private Sub Command1\_Click()

pmxo = imgpb.Left

pmyo = imgpb.Top

Timer1.Enabled = True

End Sub

Private Sub Form\_Activate()

Scale (0, Form1.Height)-(Form1.Width, 0)

End Sub

Private Sub Form\_Load()

bsx = 1

bsy = -1

rsx = -1

rsy = -1

gsx = -1

gsy = 1

ysx = -1

ysy = 1

csx = 1

csy = -1

tx = 0

ty = 0

i = 1

theta = 3.14 / 2.1

v = 400

counter = 0

End Sub

Private Sub Timer1\_Timer()

imgbb.Move imgbb.Left + bsx \* 40, imgbb.Top + bsy \* 40

imggb.Move imggb.Left + gsx \* 40, imggb.Top + gsy \* 40

imgrb.Move imgrb.Left + rsx \* 40, imgrb.Top + rsy \* 40

imgyb.Move imgyb.Left + ysx \* 40, imgyb.Top + ysy \* 40

imgcb.Move imgcb.Left + csx \* 40, imgcb.Top + csy \* 40

counter = counter + 1

If counter Mod 100 = 0 Then

bsx = bsx \* -1

End If

If imgbb.Left + 60 > Width - 200 Then

bsx = -1 \* bsx

End If

If imgbb.Top + 60 > Height - 200 Then

bsy = -1 \* bsy

End If

If imgbb.Left < 0 Then

bsx = -1 \* bsx

End If

If imgbb.Top < 0 Then

bsy = -1 \* bsy

End If

If imgcb.Left + 60 > Width - 200 Then

csx = -1 \* csx

End If

If imgcb.Top + 60 > Height - 200 Then

csy = -1 \* csy

End If

If imgcb.Left < 0 Then

csx = -1 \* csx

End If

If imgcb.Top < 0 Then

csy = -1 \* csy

End If

If imgyb.Left + 60 > Width - 200 Then

ysx = -1 \* ysx

End If

If imgyb.Top + 60 > Height - 200 Then

ysy = -1 \* ysy

End If

If imgyb.Left < 0 Then

ysx = -1 \* ysx

End If

If imgyb.Top < 0 Then

ysy = -1 \* ysy

End If

If imggb.Top + 60 > Height - 200 Then

gsy = -1 \* gsy

End If

If imggb.Left < 0 Then

gsx = -1 \* gsx

End If

If imggb.Top < 0 Then

gsy = -1 \* gsy

End If

If imggb.Left + 60 > Width - 200 Then

gsx = -1 \* gsx

End If

If imgrb.Left + 60 > Width - 200 Then

rsx = -1 \* rsx

End If

If imgrb.Top + 60 > Height Then

rsy = -1 \* rsy

End If

If imgrb.Left < 0 Then

rsx = -1 \* rsx

End If

If imgrb.Top < 0 Then

rsy = -1 \* rsy

End If

If Abs(imgrb.Left - imggb.Left) < 130 And Abs(imgrb.Top - imggb.Top) < 130 Then

Dim tempx As Integer, tempy As Integer

tempx = gsx

tempy = gsy

gsx = rsx

gsy = rsy

rsx = tempx

rsy = tempy

End If

If Abs(imgrb.Left - imgbb.Left) < 130 And Abs(imgrb.Top - imgbb.Top) < 130 Then

tempx = bsx

tempy = bsy

bsx = rsx

bsy = rsy

rsx = tempx

rsy = tempy

End If

If Abs(imgbb.Left - imggb.Left) < 130 And Abs(imgbb.Top - imggb.Top) < 130 Then

tempx = gsx

tempy = gsy

gsx = bsx

gsy = bsy

bsx = tempx

bsy = tempy

End If

If Abs(imgyb.Left - imgrb.Left) < 130 And Abs(imgyb.Top - imgrb.Top) < 130 Then

tempx = ysx

tempy = ysy

ysx = rsx

ysy = rsy

rsx = tempx

rsy = tempy

End If

If Abs(imgbb.Left - imgcb.Left) < 130 And Abs(imgbb.Top - imgcb.Top) < 130 Then

tempx = bsx

tempy = bsy

bsx = csx

bsy = csy

csx = tempx

csy = tempy

End If

tx = tx + 1

ty = ty + 1

pmx = v \* Cos(theta) \* tx + pmxo

imgpb.Left = pmx

pmy = (-0.5 \* 32 \* ty ^ 2) + (v / i \* Sin(theta) \* ty) + pmyo

imgpb.Top = pmy

If pmy < pmyo + 40 Then

i = i + 1

ty = 0

End If

If pmx > Width Then

pmx = pmxo

pmy = pmyo

imgpb.Left = pmx

imgpb.Top = pmy

tx = 0

ty = 0

v = v + 100

i = 1

End If

If pmy > Height Then

theta = theta - 0.1

v = 400

pmx = pmxo

pmy = pmyo

imgpb.Left = pmx

imgpb.Top = pmy

End If

End Sub