**Parabolic Movement Example:**

**General:**

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

**Form\_Load**

tx = 0

ty = 0

i = 1

theta = 3.14 / 2.1

v = 400

**Form\_Activate()**

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

**Timer1\_Timer() (interval=25)**

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