

Приложение 4

Программный код проекта «Цыпленок с шариком»

```
Private Sub Form1_Paint(ByVal sender As Object, ByVal e As  
System.Windows.Forms.PaintEventArgs) Handles MyBase.Paint
```

```
'Определяем текущий элемент (Форму) в качестве области для рисования
```

```
Dim Graph1 As Graphics
```

```
Graph1 = Me.CreateGraphics
```

```
'Описываем Перо красное и синее, толщиной 2 px
```

```
Dim myPen1 As New Pen(Color.Red, 2)
```

```
Dim myPen2 As New Pen(Color.Blue, 2)
```

```
'Описываем Кисть красного и желтого цвета
```

```
Dim myBrush1 As New SolidBrush(Color.Yellow)
```

```
Dim myBrush2 As New SolidBrush(Color.Red)
```

```
' Объявляем переменную y для осуществления анимации
```

```
Static y As Integer = 0
```

```
y = y + 1
```

```
'Рисуем усы
```

```
Graph1.DrawLine(myPen1, 110, 20, 120, 20)
```

```
Graph1.DrawLine(myPen1, 120, 20, 140, 45)
```

```
Graph1.DrawLine(myPen1, 140, 45, 160, 20)
```

```
Graph1.DrawLine(myPen1, 160, 20, 170, 20)
```

```
'Рисуем голову, глаза
```

```
Graph1.DrawEllipse(myPen1, 120, 30, 40, 40)
```

```
Graph1.DrawEllipse(myPen2, 125, 45, 10, 10)
```

```
Graph1.DrawEllipse(myPen2, 145, 45, 10, 10)
```

```
'Клюв
```

```
Graph1.DrawLine(myPen1, 135, 60, 145, 60)
```

```
Graph1.DrawLine(myPen1, 145, 60, 140, 65)
```

```
Graph1.DrawLine(myPen1, 140, 65, 135, 60)
```

```
' Туловище
```

```
Graph1.DrawEllipse(myPen1, 110, 70, 60, 105)
```

```
Graph1.FillEllipse(myBrush1, 110, 70, 60, 105)
```

```
'Левое крылышко
```

```
Graph1.DrawLine(myPen1, 90, 70, 130, 100)
```

```
Graph1.DrawLine(myPen1, 90, 70, 130, 120)
```

```
Graph1.DrawLine(myPen1, 130, 120, 130, 100)
```

```
'Правое крылышко
```

```
Graph1.DrawLine(myPen1, 150, 100, 190, 70)
```

```
Graph1.DrawLine(myPen1, 190, 70, 150, 120)
```

```
Graph1.DrawLine(myPen1, 150, 120, 150, 100)
```

```
'Левая нога
```

```
Graph1.DrawLine(myPen1, 130, 170, 130, 220)
Graph1.DrawLine(myPen1, 130, 220, 110, 220)
```

‘Правая нога

```
Graph1.DrawLine(myPen1, 150, 170, 150, 220)
Graph1.DrawLine(myPen1, 150, 220, 170, 220)
```

'Шарик на ниточке

```
Graph1.FillEllipse(myBrush2, 230, 160 - y, 40, 60)
Graph1.DrawLine(myPen2, 190, 70, 250, 220 - y)
```

'Освобождаем ресурсы, используемые объектами Graphics, Pen и Brush

```
Graph1.Dispose()
```

```
myPen1.Dispose()
```

```
myPen2.Dispose()
```

```
myBrush1.Dispose()
```

```
myBrush2.Dispose()
```

```
End Sub
```

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles
```

```
Timer1.Tick
```

```
Me.Refresh()
```

```
End Sub
```