

***Презентация на тему:
программирование.***

Подготовила: Фисенко
Люба.

Вычисление линейного уравнения.

Вычисление линейного уравнения.

1 2

2

Решение Очистка

```
Dim a, b As Integer
```

```
Private Sub com_Click()  
a = Val(Text1.Text)  
b = Val(Text2.Text)  
If b = 0 Then Text3.Text = "x = 0"  
If a = 0 Then Text3.Text = "нет решения"  
If a <> 0 And b <> 0 Then Text3.Text = b / a  
End Sub
```

```
Private Sub Command1_Click()  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
End Sub
```

Вычисление квадратного уравнения.

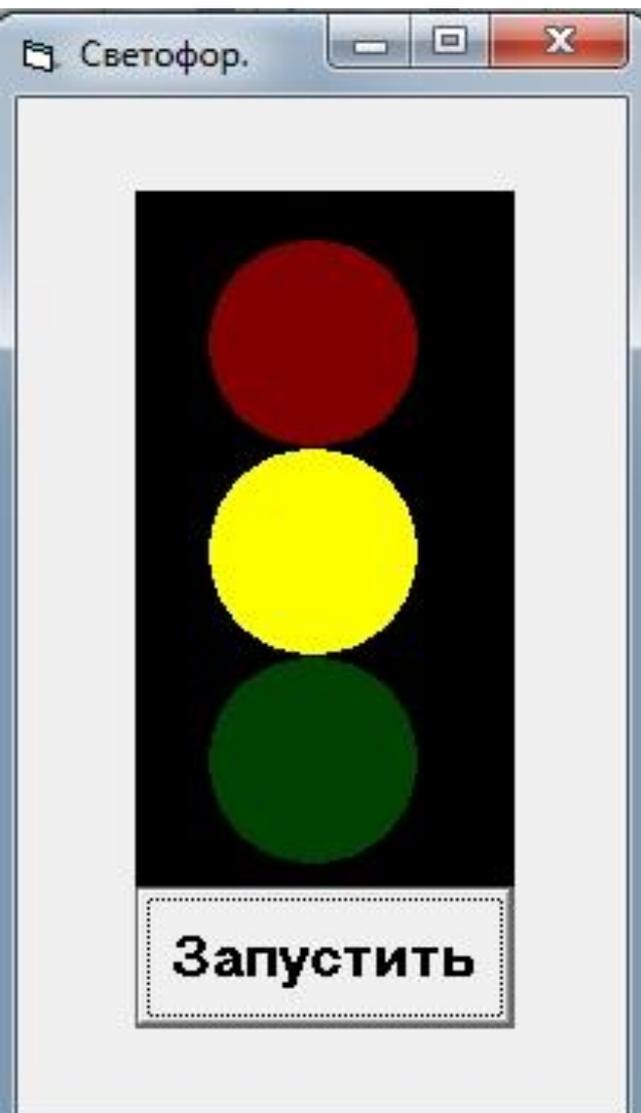
```
Dim a, b, c, d As Integer
```

```
Private Sub com_Click()  
a = Val(Text1.Text)  
b = Val(Text2.Text)  
c = Val(Text4.Text)  
d = (b ^ 2) - 4 * a * c  
If d = 0 Then Text3.Text = -b / (2 * a)  
If d < 0 Then Text3.Text = "нет решения"  
If d > 0 Then Text3.Text = (-b + Sqr(d)) / (2 * a)  
If d > 0 Then Text5.Text = (-b - Sqr(d)) / (2 * a)  
End Sub
```

```
Private Sub Command1_Click()  
Text1.Text = ""  
Text2.Text = ""  
Text3.Text = ""  
Text4.Text = ""  
Text5.Text = ""  
End Sub
```

The screenshot shows a Windows application window titled "Вычисление квадратного уравнения." (Calculation of a quadratic equation). The window contains three input fields for coefficients: 'a' with value 1, 'b' with value 2, and 'c' with value -3. Below these, the solutions are displayed: 'x1=' followed by 1 and 'x2=' followed by -3. At the bottom, there are two buttons: "Решение" (Solve) and "Очистка" (Clear).

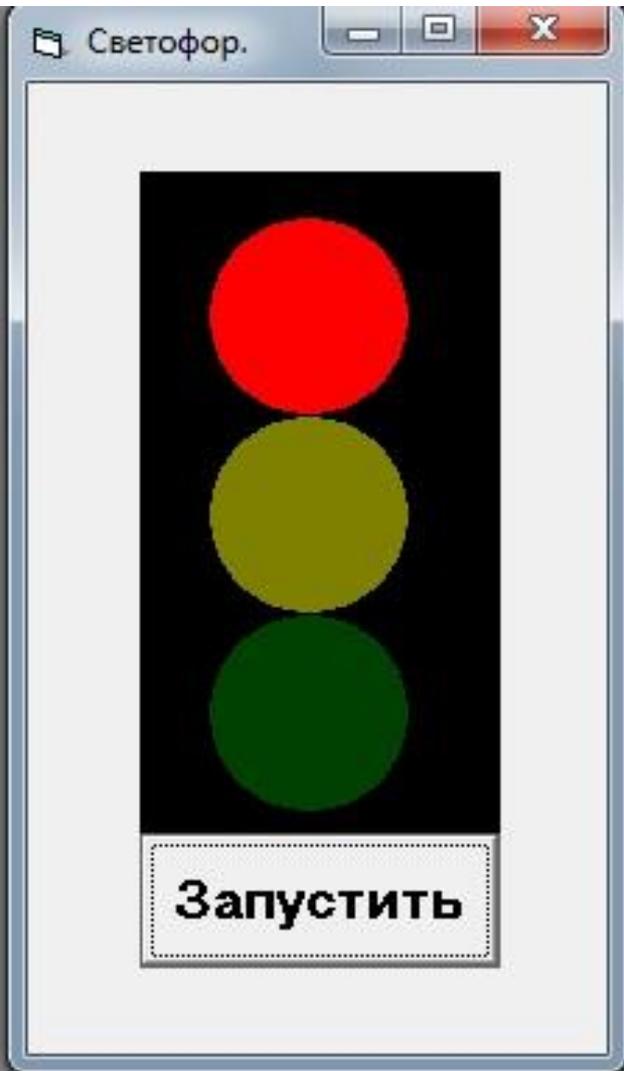
Ручной светофор.



```
Dim a As Integer
```

```
Private Sub Command1_Click()  
a = a + 1  
If a = 1 Then Shape7.Visible = True  
If a = 4 Then Shape6.Visible = True  
If a = 6 Then Shape7.Visible = False  
If a = 6 Then Shape6.Visible = False  
If a = 6 Then Shape5.Visible = True  
If a = 9 Then Shape5.Visible = False  
If a = 10 Then Shape5.Visible = True  
If a = 11 Then Shape5.Visible = False  
If a = 12 Then Shape5.Visible = True  
If a = 13 Then Shape5.Visible = False  
If a = 14 Then Shape5.Visible = True  
If a = 15 Then Shape5.Visible = False  
If a = 15 Then Shape6.Visible = True  
If a = 17 Then Shape6.Visible = False  
If a = 17 Then Shape7.Visible = True  
If a = 17 Then a = 0  
End Sub
```

Автоматический светофор



```
Dim a As Integer
```

```
Private Sub Command1_Click()  
Timer1.Enabled = True
```

```
End Sub
```

```
Private Sub Timer1_Timer()  
a = a + 1  
If a = 1 Then Shape7.Visible = True  
If a = 4 Then Shape6.Visible = True  
If a = 6 Then Shape7.Visible = False  
If a = 6 Then Shape6.Visible = False  
If a = 6 Then Shape5.Visible = True  
If a = 9 Then Shape5.Visible = False  
If a = 10 Then Shape5.Visible = True  
If a = 11 Then Shape5.Visible = False  
If a = 12 Then Shape5.Visible = True  
If a = 13 Then Shape5.Visible = False  
If a = 14 Then Shape5.Visible = True  
If a = 15 Then Shape5.Visible = False  
If a = 15 Then Shape6.Visible = True  
If a = 17 Then Shape6.Visible = False  
If a = 17 Then Shape7.Visible = True  
If a = 17 Then a = 0  
End Sub
```

Тест.

Тест.

$7 \times 3 = ?$

28

12

21

29

14

Вы ответили правильно на один вопрос

Следующий вопрос

Результат

Тест.

```
Dim a, b, c, v, n As Integer
Private Sub Command1_Click()
If c = 1 Then Text7.Text = " Вы ответили правильно на один вопрос"
If c = 2 Then Text7.Text = " Вы ответили правильно на два вопроса"
If c = 3 Then Text7.Text = " Вы ответили правильно на три вопроса"
End Sub
Private Sub Command2_Click()
a = a + 1
If a = 1 Then Text1.Text = "6x2=?"
If a = 1 Then Text2(0).Text = "19"
If a = 1 Then Text3(3).Text = "12"
If a = 1 Then Text4(0).Text = "16"
If a = 1 Then Text5(1).Text = "14"
If a = 1 Then Text6(2).Text = "77"

If a = 2 Then Text1.Text = "7x3=?"
If a = 2 Then Text2(0).Text = "28"
If a = 2 Then Text3(3).Text = "12"
If a = 2 Then Text4(0).Text = "21"
If a = 2 Then Text5(1).Text = "29"
If a = 2 Then Text6(2).Text = "14"

If a > 3 Then a = 0 And b = 0
If a = 0 Then Text1.Text = ""
If a = 0 Then Text2(0).Text = ""
If a = 0 Then Text3(3).Text = ""
If a = 0 Then Text4(0).Text = ""
If a = 0 Then Text5(1).Text = ""
If a = 0 Then Text6(2).Text = ""
If a = 1 Then Command2.Caption = "Следующий вопрос"

If a = 1 And Option1.Value = True Then c = c + 1
If a = 2 And Option2.Value = True Then c = c + 1
If a = 3 And Option5.Value = True Then c = c + 1
End Sub
```

***Спасибо за
внимание!***