



ПРОГРАММИРОВАНИЕ НА VB

Сборник примеров программ

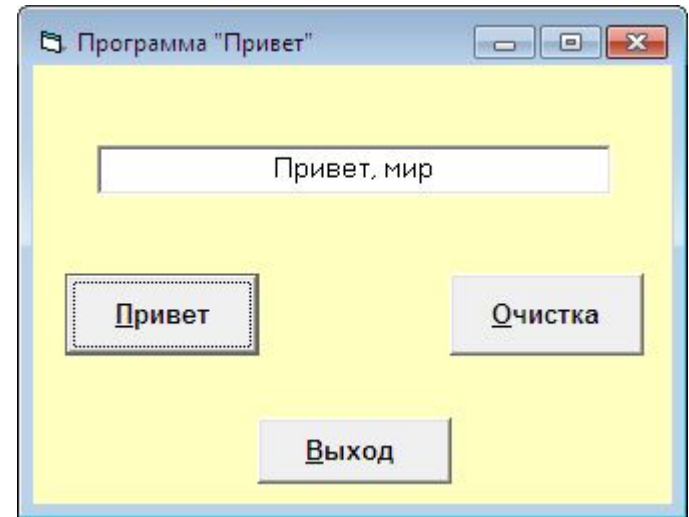


Программа «Привет»

```
Private Sub cmdClear_Click()  
txtDisplay.Text = ""  
End Sub
```

```
Private Sub cmdHello_Click()  
txtDisplay.Text = "Привет, мир"  
End Sub
```

```
Private Sub cmdExit_Click()  
Beep  
End  
End Sub
```

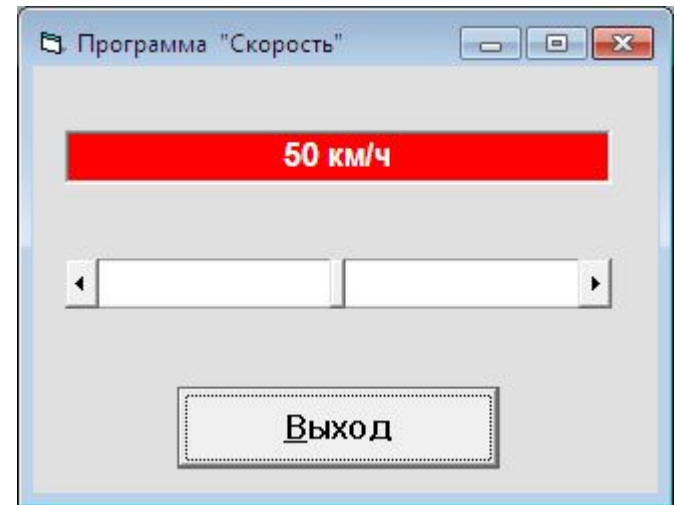


Программа «Скорость»

```
Private Sub hsbSpeed_Change()  
txtSpeed.Text =  
    Str(hsbSpeed.Value) + "км/ч"  
End Sub
```

```
Private Sub hsbSpeed_Scroll()  
hsbSpeed_Change  
End Sub
```

```
Private Sub cmdExit_Click()  
End  
End Sub
```



Программа «Выбор»

Option Explicit

```
Private Sub chkColors_Click()  
UpdateLabel  
End Sub
```

```
Private Sub chkMouse_Click()  
UpdateLabel  
End Sub
```

```
Private Sub chkSound_Click()  
UpdateLabel  
End Sub
```

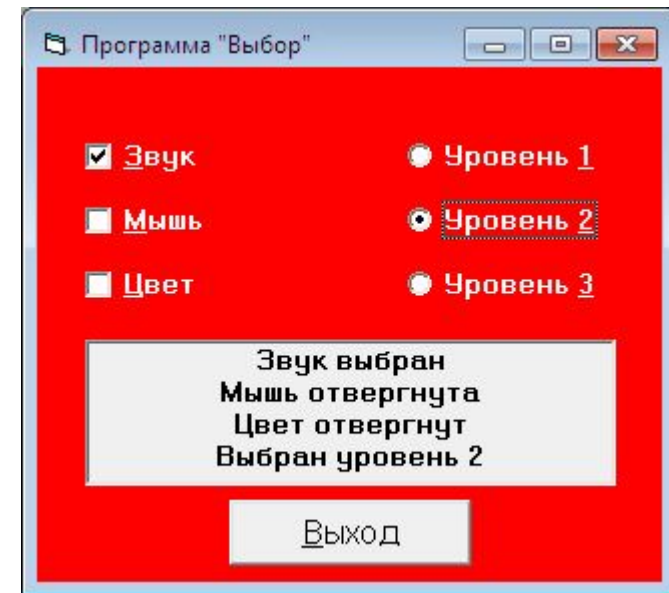
```
Private Sub cmdExit_Click()  
End  
End Sub
```

```
Private Sub optLevel1_Click()  
UpdateLabel  
End Sub
```

```
Private Sub optLevel2_Click()  
UpdateLabel  
End Sub
```

```
Private Sub optLevel3_Click()  
UpdateLabel  
End Sub
```

```
Public Sub UpdateLabel()  
Dim Info  
Dim LFCR  
LFCR = Chr(13) + Chr(10)  
If chkSound.Value = 1 Then  
Info = "Звук выбран"  
Else  
Info = "Звук отвергнут"  
End If  
If chkMouse.Value = 1 Then  
Info = Info + LFCR + "Мышь выбрана"  
Else  
Info = Info + LFCR + "Мышь отвергнута"  
End If  
If chkColors.Value = 1 Then  
Info = Info + LFCR + "Цвет выбран"  
Else  
Info = Info + LFCR + "Цвет отвергнут"  
End If  
If optLevel1.Value = True Then  
Info = Info + LFCR + "Выбран уровень 1"  
End If  
If optLevel2.Value = True Then  
Info = Info + LFCR + "Выбран уровень 2"  
End If  
If optLevel3.Value = True Then  
Info = Info + LFCR + "Выбран уровень 3"  
End If  
lblChoice.Caption = Info  
End Sub
```



Программа «2x2»

Option Explicit

```
Private Sub cmdCalculate_Click()
```

```
    Multiply 2, 2
```

```
End Sub
```

```
Public Sub Multiply(X As Integer, Y As Integer)
```

```
    Dim Z
```

```
    Z = X * Y
```

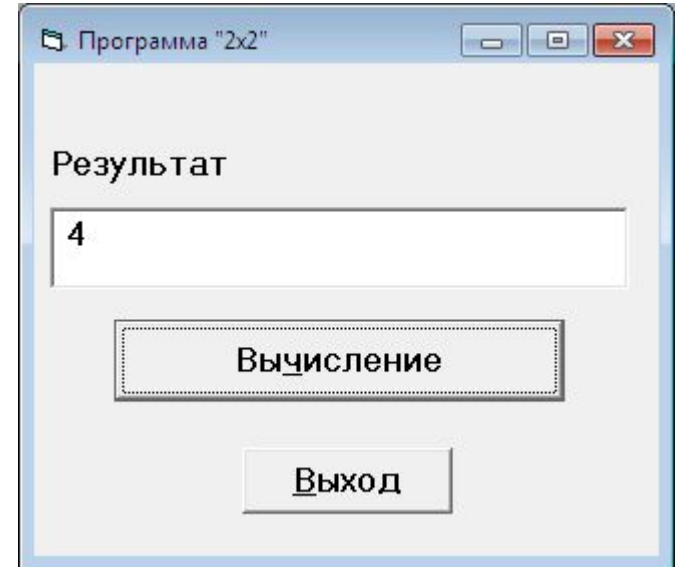
```
    txtResult.Text = Str(Z)
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа «Сумма»

Option Explicit

Private Sub cmdExit_Click()

End

End Sub

Private Sub cmdSumIt_Click()

Dim I

Dim R

For I = 1 To vsbNum.Value Step 1

R = R + I

Next

txtResult.Text = Str(R)

End Sub

Private Sub vsbNum_Change()

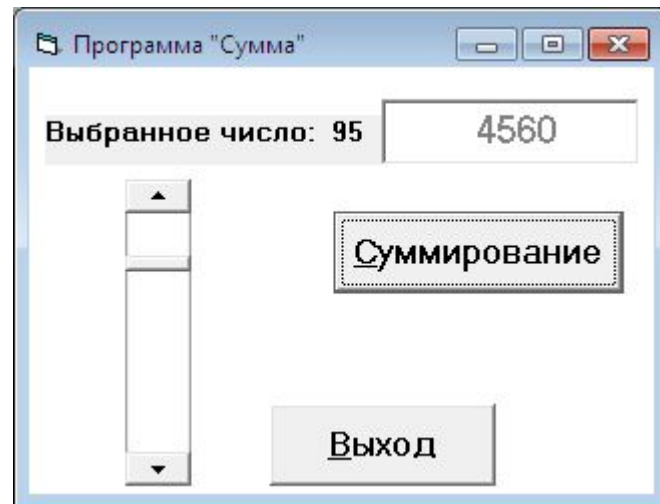
lblNum = "Выбранное число: " +
Str(vsbNum.Value)

End Sub

Private Sub vsbNum_Scroll()

vsbNum_Change

End Sub



Программа «Таймер»

```
Option Explicit
```

```
Dim gKeepTrack
```

```
Private Sub cmdEnableDisable_Click()
```

```
    If gKeepTrack = 1 Then
```

```
        gKeepTrack = 0
```

```
        cmdEnableDisable.Caption = "Включить"
```

```
    Else
```

```
        gKeepTrack = 1
```

```
        cmdEnableDisable.Caption =
```

```
        "Выключить"
```

```
    End If
```

```
End Sub
```

```
Private Sub tmrTimer_Timer()
```

```
    If gKeepTrack = 1 Then
```

```
        Beep
```

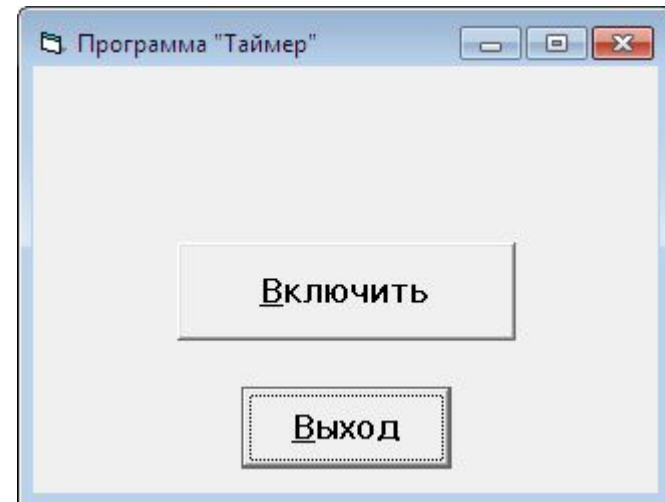
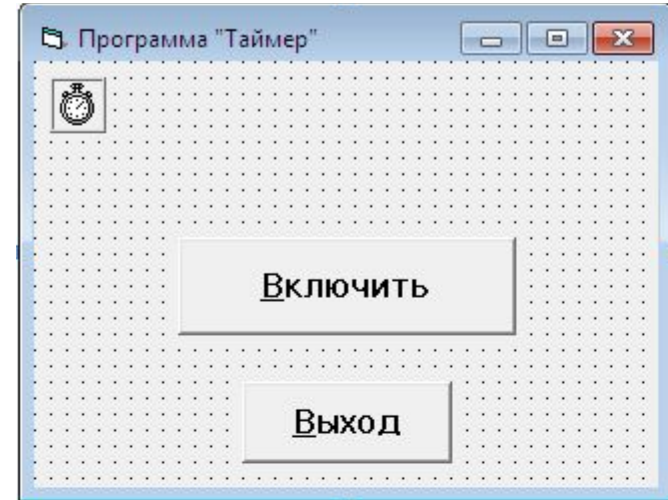
```
    End If
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа «Как часто?»

Option Explicit

```
Private Sub Form_MouseMove(Button As Integer, Shift As Integer, _  
    X As Single, Y As Single)
```

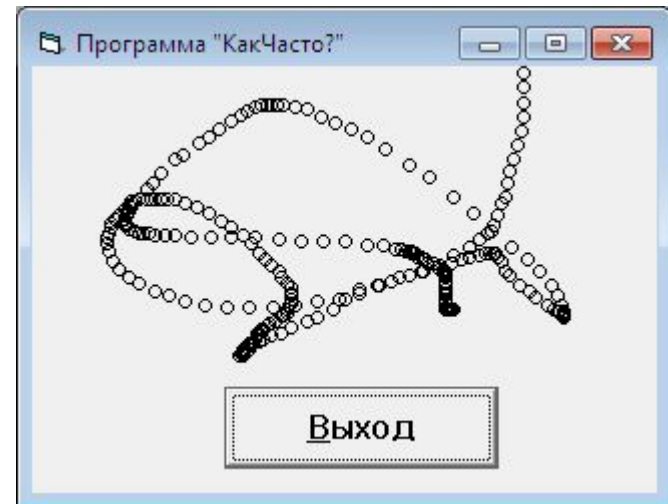
```
Circle (X, Y), 40, QBColor(4)
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа "Кнопка"

Option Explicit

```
Private Sub imgMouse_MouseDown(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

```
    If Button = 1 Then
```

```
        txtResult.Text = "Нажата левая кнопка"
```

```
    End If
```

```
    If Button = 2 Then
```

```
        txtResult.Text = "Нажата правая кнопка"
```

```
    End If
```

```
    If Button = 4 Then
```

```
        txtResult.Text = "Нажата средняя кнопка"
```

```
    End If
```

```
End Sub
```

```
Private Sub imgMouse_MouseUp(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

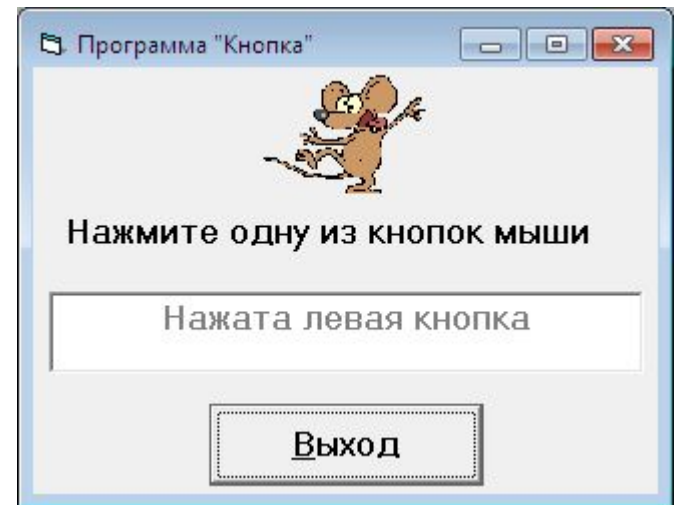
```
    txtResult.Text = ""
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа «Кнопка2»

Option Explicit

Private Sub Form_MouseMove(Button As Integer, Shift As Integer, X As Single, Y As Single)

 If (Button And 1) = 1 Then

 chkLeft.Value = 1

 Else

 chkLeft.Value = 0

 End If

 If (Button And 2) = 2 Then

 chkRight.Value = 1

 Else

 chkRight.Value = 0

 End If

 If (Button And 4) = 4 Then

 chkMiddle.Value = 1

 Else

 chkMiddle.Value = 0

 End If

End Sub

Private Sub Form_MouseUp(Button As Integer, Shift As Integer, X As Single, Y As Single)

 If Button = 1 Then

 chkLeft.Value = 0

 End If

 If Button = 2 Then

 chkRight.Value = 0

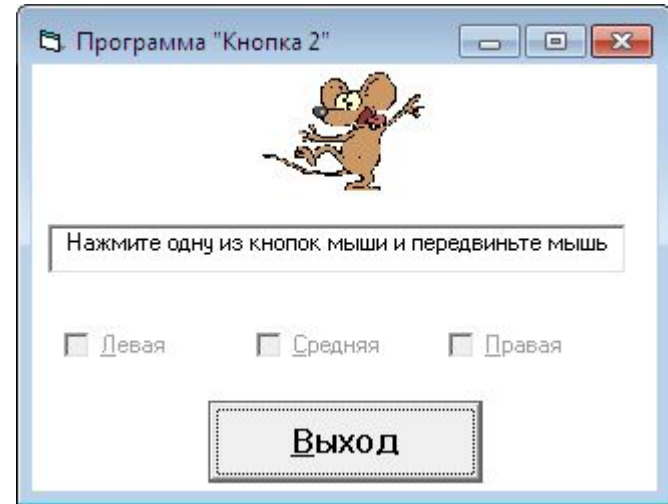
 End If

 If Button = 4 Then

 chkMiddle.Value = 0

 End If

End Sub



Private Sub cmdExit_Click()

End

End Sub

Программа «Прыжок»

Option Explicit

```
Private Sub Form_MouseDown(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

```
  If optSpade.Value = True Then
```

```
    imgSpade.Move X, Y
```

```
  End If
```

```
  If optClub.Value = True Then
```

```
    imgClub.Move X, Y
```

```
  End If
```

```
  If optHeart.Value = True Then
```

```
    imgHeart.Move X, Y
```

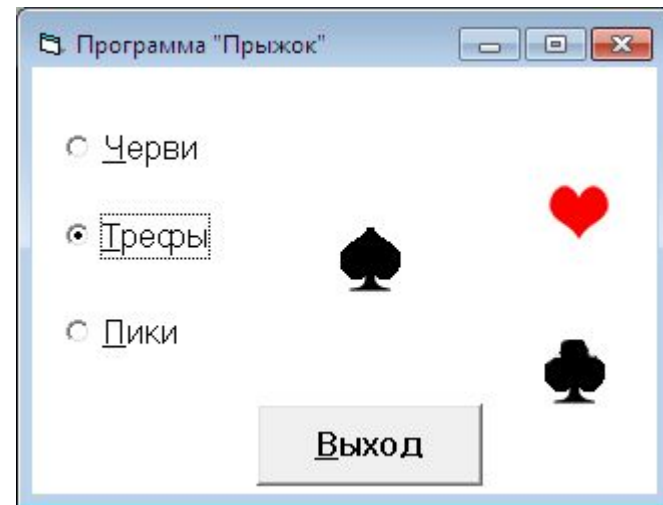
```
  End If
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа «Рисовальщик»

Option Explicit

```
Private Sub Form_MouseDown(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

```
    frmDraw.CurrentX = X
```

```
    frmDraw.CurrentY = Y
```

```
End Sub
```

```
Private Sub Form_MouseMove(Button As Integer, Shift As Integer, X As Single, Y As Single)
```

```
    If Button = 1 Then
```

```
        Line (frmDraw.CurrentX, frmDraw.CurrentY)-(X, Y), QBColor(0)
```

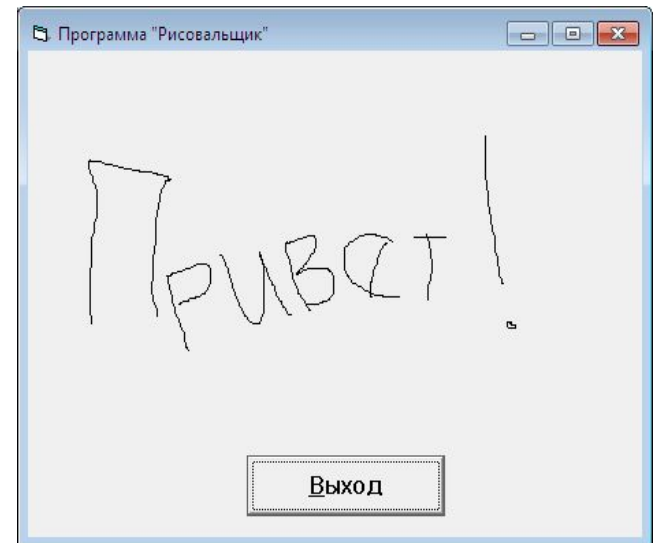
```
    End If
```

```
End Sub
```

```
Private Sub cmdExit_Click()
```

```
End
```

```
End Sub
```



Программа «Тащи-бросай»

Option Explicit

```
Private Sub cmdExit_DragOver(Source As Control, X As Single, Y As Single, State As Integer)
```

```
Dim sInfo As String
```

```
sInfo = "Перетаскиваем "
```

```
sInfo = sInfo + Source.Tag
```

```
sInfo = sInfo + " через кнопку выхода."
```

```
sInfo = sInfo + "Параметр State = "
```

```
sInfo = sInfo + Str(State)
```

```
txtInfo.Text = sInfo
```

```
End Sub
```

```
Private Sub Form_DragDrop(Source As Control, X As Single, Y As Single)
```

```
txtInfo.Text = ""
```

```
Source.Move X, Y
```

```
End Sub
```

```
Private Sub Form_DragOver(Source As Control, X As Single, Y As Single, State As Integer)
```

```
Dim sInfo As String
```

```
sInfo = "Перетаскиваем "
```

```
sInfo = sInfo + Source.Tag
```

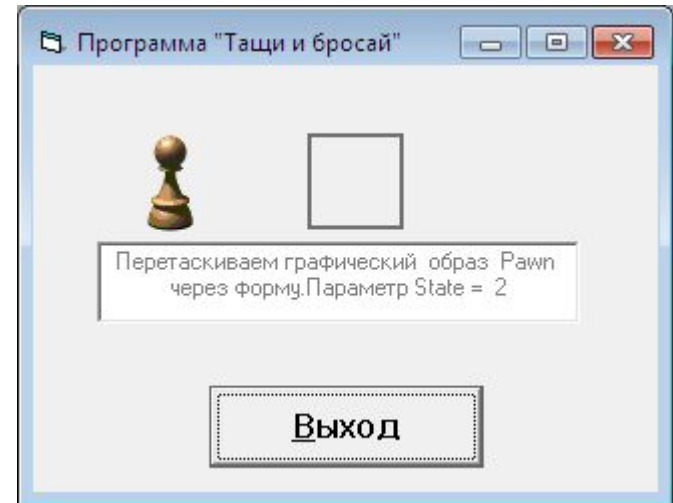
```
sInfo = sInfo + " через форму."
```

```
sInfo = sInfo + "Параметр State = "
```

```
sInfo = sInfo + Str(State)
```

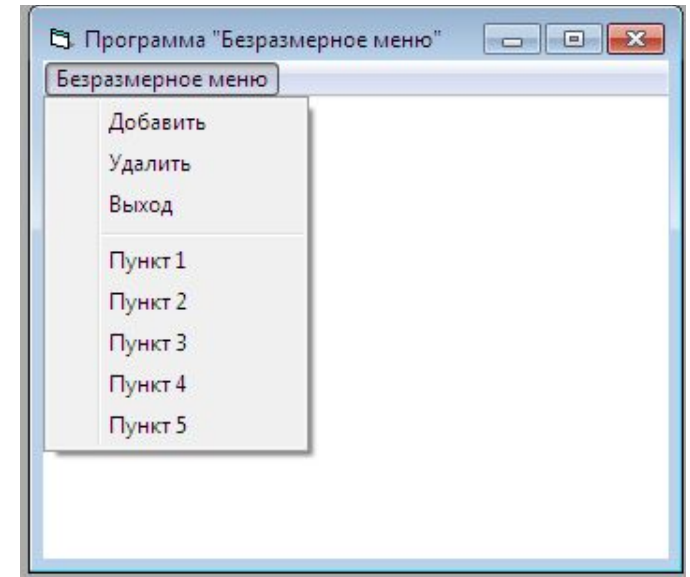
```
txtInfo.Text = sInfo
```

```
End Sub
```



Программа «Безразмерное меню»

```
Option Explicit
Dim gLastElement As Integer
Private Sub Form_Load()
    gLastElement = 0
    mnuRemove.Enabled = False
End Sub
Private Sub mnuAdd_Click()
    gLastElement = gLastElement + 1
    Load mnultems(gLastElement)
    mnultems(gLastElement).Caption = "ПУНКТ" +
    Str(gLastElement)
    mnuRemove.Enabled = True
End Sub
Private Sub mnultems_Click(Index As Integer)
    MsgBox "Вы выбрали пункт " + Str(Index)
End Sub
Private Sub mnuRemove_Click()
    Unload mnultems(gLastElement)
    gLastElement = gLastElement - 1
    If gLastElement = 0 Then
        mnuRemove.Enabled = False
    End If
End Sub
```



Программа «Цвет»

Option Explicit

```
Private Sub Form_Load()  
mnuWhite.Enabled = False  
mnuSmall.Enabled = False  
End Sub
```

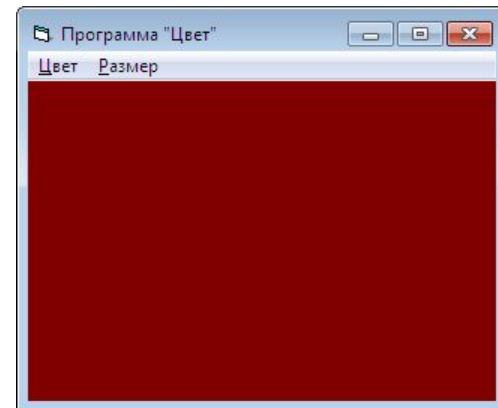
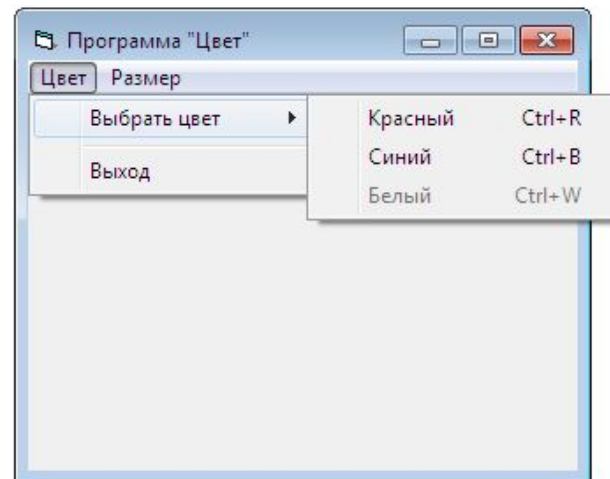
```
Private Sub mnuBlue_Click()  
frmColors.BackColor =  
    QBColor(1)  
mnuBlue.Enabled = False  
mnuRed.Enabled = True  
mnuWhite.Enabled = True  
End Sub
```

```
Private Sub mnuLarge_Click()  
frmColors.WindowState = 2  
mnuLarge.Enabled = False  
mnuSmall.Enabled = True  
End Sub
```

```
Private Sub mnuRed_Click()  
frmColors.BackColor = QBColor(4)  
mnuRed.Enabled = False  
mnuBlue.Enabled = True  
mnuWhite.Enabled = True  
End Sub
```

```
Private Sub mnuSmall_Click()  
frmColors.WindowState = 0  
mnuSmall.Enabled = False  
mnuLarge.Enabled = True  
End Sub
```

```
Private Sub mnuWhite_Click()  
frmColors.BackColor = QBColor(15)  
mnuWhite.Enabled = False  
mnuBlue.Enabled = True  
mnuRed.Enabled = True  
End Sub
```



Программа «Сообщение»

Option Explicit

Private Sub cmdExit_Click()

Dim Message **As String**

Dim ButtonsAndIcons **As Integer**

Dim Title **As String**

Dim Response **As String**

Message = "Вы уверены, что хотите выйти?"

ButtonsAndIcons = vbYesNo + vbQuestion

Title = "Сообщение программы Сообщение"

Response = MsgBox(Message, ButtonsAndIcons, Title)

If Response = vbYes **Then**

End

End If

End Sub

Private Sub cmdMessage_Click()

Dim Message **As String**

Dim ButtonsAndIcons **As Integer**

Dim Title **As String**

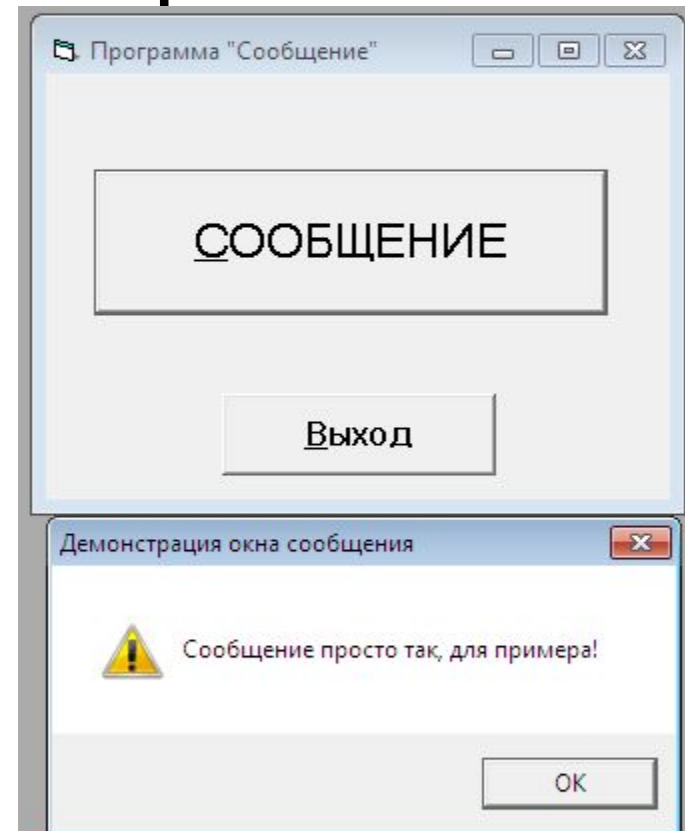
Message = "Сообщение просто так, для примера!"

ButtonsAndIcons = vbOKOnly + vbExclamation

Title = "Демонстрация окна сообщения"

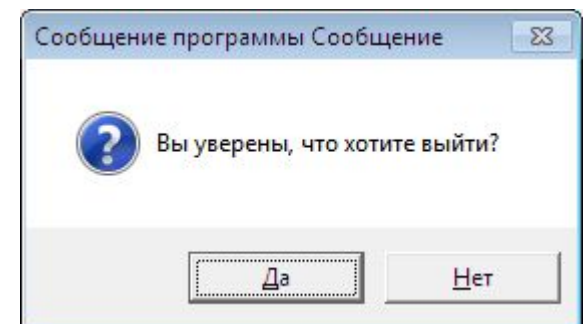
 MsgBox Message, ButtonsAndIcons, Title

End Sub



Сообщение просто так, для примера!

OK



Программа «Общий диалог»

Option Explicit

```
Private Sub mnuColor_Click()
```

```
    On Error GoTo ColorError
```

```
    CommonDialog1.Action = 3
```

```
    frmCommon.BackColor = CommonDialog1.Color
```

Exit Sub

```
ColorError:
```

```
    MsgBox "Вы закрыли диалог Цвет кнопкой  
Cancel(Отмена)!"
```

Exit Sub

End Sub

```
Private Sub mnuOpen_Click()
```

```
    Dim Filter As String
```

```
    On Error GoTo OpenError
```

```
    Filter = "Все файлы (*.*)|*.* |"
```

```
    Filter = Filter + "Текстовые файлы (*.txt)|*.txt |"
```

```
    Filter = Filter + "Пакетные файлы (*.bat)|*.bat"
```

```
    CommonDialog1.Filter = Filter
```

```
    CommonDialog1.FilterIndex = 2
```

```
    CommonDialog1.Action = 1
```

```
    MsgBox "Вы выбрали: " + CommonDialog1.FileName
```

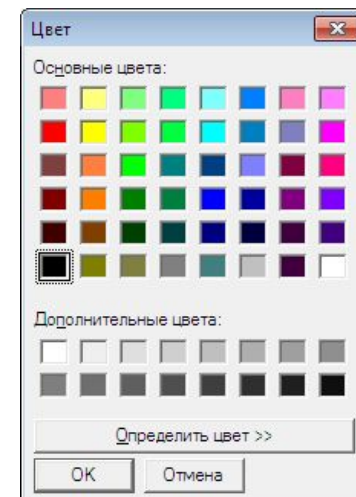
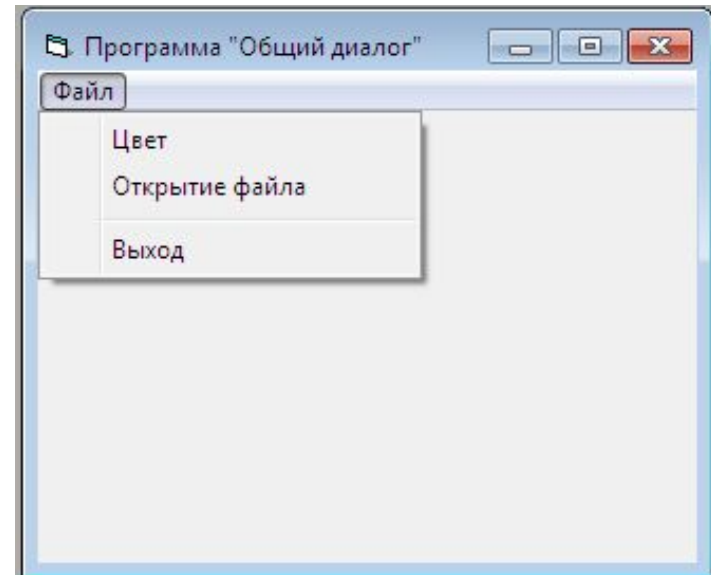
Exit Sub

```
OpenError:
```

```
    MsgBox "Вы закрыли диалог Open кнопкой  
Cancel(Отмена)!"
```

Exit Sub

End Sub



Программа «Фигура»

```
Option Explicit
Private Sub cmdCircle_Click()
shpAllShapes.Shape = 3
End Sub
Private Sub cmdExit_Click()
End
End Sub
Private Sub cmdOval_Click()
shpAllShapes.Shape = 2
End Sub
Private Sub cmdRectangle_Click()
shpAllShapes.Shape = 0
End Sub
Private Sub cmdRndRect_Click()
shpAllShapes.Shape = 4
End Sub
Private Sub cmdRndSqr_Click()
shpAllShapes.Shape = 5
End Sub
Private Sub cmdSquare_Click()
shpAllShapes.Shape = 1
End Sub
Private Sub hsbWidth_Change()
shpAllShapes.BorderWidth = hsbWidth.Value
End Sub
Private Sub hsbWidth_Scroll()
shpAllShapes.BorderWidth = hsbWidth.Value
End Sub
```

