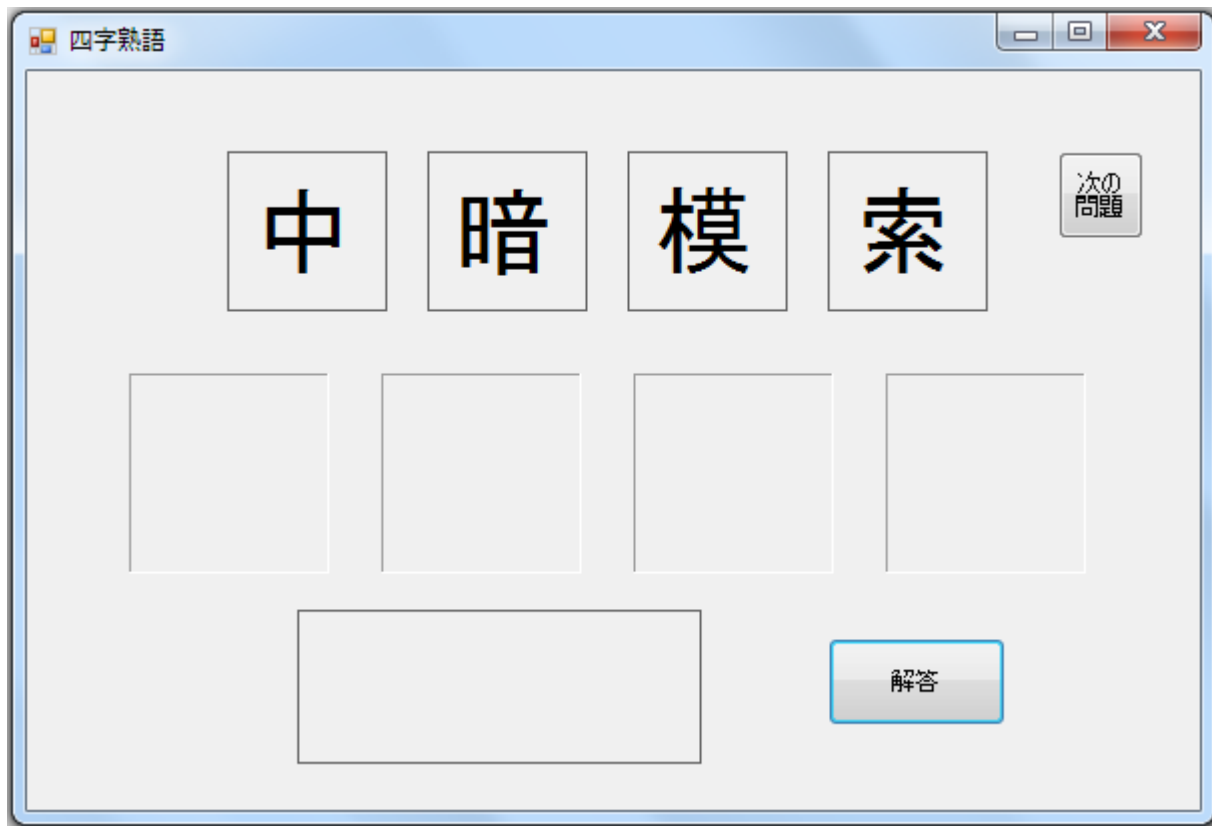
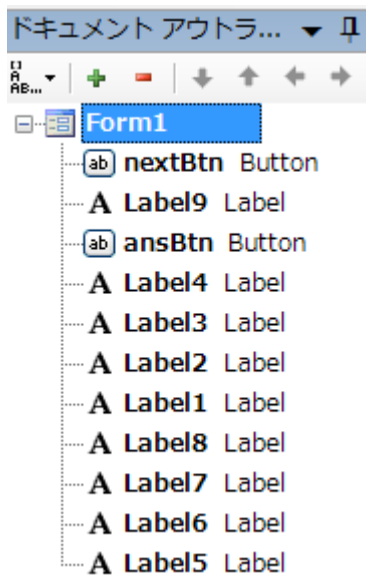


## 新規プロジェクト FourKanji

できあがりのフォーム



コントロール



## プロパティ

### Label1 から Label4 まで

AutoSize           **False**  
BorderStyle       **FixedSingle**  
Font               **MS UI Gothic, 36pt**  
Size               **80, 80**  
TextAlign          **MiddleCenter**

### Label5 から Label8 まで

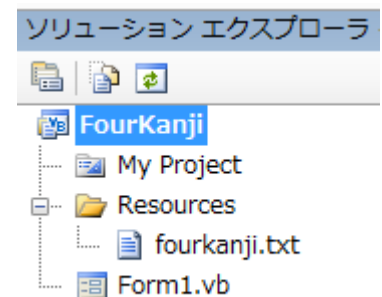
AutoSize           **False**  
BorderStyle       **Fixed3D**  
Size               **100, 100**

### Label9

AutoSize           **False**  
BorderStyle       **FixedSingle**  
Font               **メイリオ, 12pt**  
TextAlign          **MiddleCenter**

## ファイルの追加

ソリューションエクスプローラの My Project をダブルクリックする  
リソース → リソースの追加 → 既存のファイルの追加 をえらぶ  
ダウンロードしたファイルを選ぶ  
ソリューションエクスプローラに Resources フォルダが作られる



## ソースリスト

```
Public Class Form1
```

```
    Dim DownP As Size  
    Dim line, jukugo, yomi As String  
    Dim no As Integer = 1  
    Dim score As Integer = 0  
    Dim sr As New System.IO.StreamReader("../Resources/fourkanji.txt", System.Text.Encoding.Default)
```

```
    Private Sub Labels_MouseDown(ByVal ... ) Handles Label1.MouseDown, Label2.MouseDown, Label3.MouseDown,  
Label4.MouseDown  
        If e.Button = System.Windows.Forms.MouseButtons.Left Then  
            DownP = New Size(e.X, e.Y)  
        End If  
    End Sub
```

```
    Private Sub Labels_MouseMove(ByVal ... ) Handles Label1.MouseMove, Label2.MouseMove, Label3.MouseMove,  
Label4.MouseMove  
        If e.Button = System.Windows.Forms.MouseButtons.Left Then  
            sender.Location = Point.op_Subtraction(Me.PointToClient(System.Windows.Forms.Cursor.Position),  
DownP)  
        End If  
    End Sub
```

```

Private Sub ansBtn_Click(ByVal ... ) Handles ansBtn.Click
    Dim n(5) As Integer
    For i As Integer = 1 To 4
        For j As Integer = 1 To 4
            If Controls("Label" & i + 4).Bounds.IntersectsWith(Controls("Label" & j).Bounds) Then
                n(i) = j
            End If
        Next
    Next
    Dim ans As String = ""
    For i As Integer = 1 To 4
        ans = ans & Controls("Label" & n(i)).Text
    Next
    If jukugo = ans Then
        Label9.BackColor = Color.LightBlue
        Label9.Text = "正解!" & vbCrLf & yomi
        score += 10
    Else
        Label9.BackColor = Color.LightPink
        Label9.Text = "ちがうよ"
    End If
End Sub

Private Sub Form1_Load(ByVal ... ) Handles MyBase.Load
    If sr.Peek() >= 0 Then
        line = sr.ReadLine
        jukugo = line.Substring(0, 4)
        Label9.Text = ""
        Label9.BackColor = SystemColors.Control
        For i As Integer = 1 To 4
            Controls("Label" & i).Size = New Size(80, 80)
            Controls("Label" & i).Location = New Point(100 * i, 40)
            Controls("Label" & i).Text = jukugo.Substring(i - 1, 1)
        Next
        yomi = line.Substring(4)
        Call arrange()
    Else
        sr.Close()
        MessageBox.Show("終わりました" & vbCrLf & "お疲れさま" & vbCrLf & score & "点")
        Me.Close()
    End If
End Sub

Private Sub nextBtn_Click(ByVal ... ) Handles nextBtn.Click
    no += 1
    Call Form1_Load(sender, e)
End Sub

Private Sub arrange()
    Dim rnd As Random = New Random
    Dim r1, r2 As Integer
    Dim work As String
    For j As Integer = 1 To 20
        r1 = rnd.Next(1, 5)
        r2 = rnd.Next(1, 5)
        work = Controls("Label" & r1).Text
        Controls("Label" & r1).Text = Controls("Label" & r2).Text
        Controls("Label" & r2).Text = work
    Next
End Sub

```

End Class