

```
Imports USBHID
```

```
Public Class Form1
```

```
Dim usb As New HID
```

```
Dim a, g(20), r(20), c As Integer
```

```
Dim conn, sw(8) As Byte
```

```
Private Sub Button1_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button1.Click
```

```
    a = 1
```

```
    c = 0
```

```
End Sub
```

```
Private Sub Button2_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button2.Click
```

```
    a = 2
```

```
    c = 0
```

```
End Sub
```

```
Private Sub Button3_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Button3.Click
```

```
    a = 3
```

```
End Sub
```

```
Private Sub Timer1_Tick(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles Timer1.Tick
```

```
    Label1.Text = "Current Time : " & TimeString
```

```
    Dim Shapel = ShapeContainer1.Shapes
```

```
    r(0) = 1 : r(1) = 2 : r(2) = 4 : r(3) = 8 : r(4) = 16 : r(5) = 32 : r(6) = 64 : r(7) = 128
```

```
    g(0) = 1
```

```
    g(1) = 2
```

```
    g(2) = 4
```

```
    g(3) = 8
```

```
    g(4) = 16
```

```
    g(5) = 32
```

```
    g(6) = 64
```

```
    g(7) = 128
```

g(0)~g(7) 視題目變化，以右圖為例，請直接修改如下：

g(0)=1+2

g(1)=2+4

g(2)=4+8

g(3)=8+16

g(4)=16+32

...以次類推。

```
    conn = Usb.OpenHIDDevice(&H1234, &H6789)
```

```
    For i = 0 To 15
```

```
        Shapel(i).FillStyle = IIf(conn, -1, -2)
```

```
        Shapel(i).FillColor = IIf(i < 8, Color.FromArgb(128, 0, 0), Color.FromArgb(0, 128, 0))
```

```
    Next i
```

```
    sw(0) = 0 : sw(1) = 0 : Usb.HIDSetReport(sw)
```

```
    sw(0) = 0 : sw(1) = &H30 : Usb.HIDSetReport(sw)
```

```
    If a = 1 Then sw(0) = g(c) : sw(1) = 0 : Usb.HIDSetReport(sw)
```

```
    If a = 2 Then sw(0) = 0 : sw(1) = 0 : Usb.HIDSetReport(sw) : sw(0) = r(c) : sw(1) = &H30 : Usb.HIDSetReport(sw)
```

```
    For i = 0 To 7
```

```
        If a = 1 And (g(c) And 2 ^ i) Then Shapel(i + 8).FillColor = Color.FromArgb(0, 255, 0)
```

```
        If a = 2 And (r(c) And 2 ^ i) Then Shapel(i).FillColor = Color.FromArgb(255, 0, 0)
```

```
    Next i
```

```
    If a = 3 Then Me.Close()
```

```
    c = c + 1 : If c > 20 Then c = 20
```

```
End Sub
```

```
End Class
```

註冊: CMD(右鍵管理員執行)

regsvr32 c:\USBHID.dll

