

VB列表盒LISTBOX應用

資科系
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執行畫面1

The screenshot shows a Windows-style window titled "Form1". Inside the window, there is a list box on the left containing the following items: 臺灣, 中國 (highlighted), 美國, 泰國, and 馬來西亞. To the right of the list box is the label "首都為:" followed by a text box containing the text "北京". Below the list box and text box is a button labeled "結束".

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LISTBOX物件(VB6)

- 重要屬性
 - 新增至LISTBOX物件中
 - ADDITEM
 - 自LISTBOX物件中刪除選取物件
 - REMOVEITEM
 - 自LISTBOX物件中取出選取物件
 - ListIndex
 - 顯示LISTBOX物件中紀錄個數
 - Listcount

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LISTBOX物件(VB.NET)

- 重要屬性
 - 新增至LISTBOX物件中
 - ITEMS.add()
 - 自LISTBOX物件中刪除選取物件
 - ITEMS.remove()
 - 自LISTBOX物件中取出選取第幾個物件
 - SelectedIndex
 - 自LISTBOX物件中取出選取物件內容
 - SelectedItem
 - 顯示LISTBOX物件中紀錄個數
 - ITEMS.count

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程式部分(VB6)

```
Dim a(10)
Private Sub C1_Click()
End
End Sub

Private Sub Form_Load()
Li1.AddItem "臺灣": Li1.AddItem "中國"
Li1.AddItem "美國": Li1.AddItem "泰國"
Li1.AddItem "馬來西亞": Li1.AddItem "澳洲"
C1.Caption = "結束"
```

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程式部分(VB6)

```
T1.Text = "" : a(0) = "台北": a(1) = "北京"
a(2) = "華盛頓": a(3) = "曼谷"
a(4) = "吉隆坡": a(5) = "雪梨"
L1.Caption = "首都為:"
End Sub

Private Sub Li1_Click()
T1.Text = a(Li1.ListIndex)
End Sub
```

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程式部分(VB.NET)

```
Dim a(5) As String, t As String = "首都為:"  
Private Sub Form1_Load(ByVal sender As  
System.Object, ByVal e As System.EventArgs)  
Handles MyBase.Load  
Li1.Items.Add("臺灣") : Li1.Items.Add("中國")  
Li1.Items.Add("美國") : Li1.Items.Add("泰國")  
Li1.Items.Add("馬來西亞") : Li1.Items.Add("澳洲")  
a(0) = "台北" : a(1) = "北京" : a(2) = "華盛頓"  
a(3) = "曼谷" : a(4) = "吉隆坡" : a(5) = "雪梨"  
End Sub
```

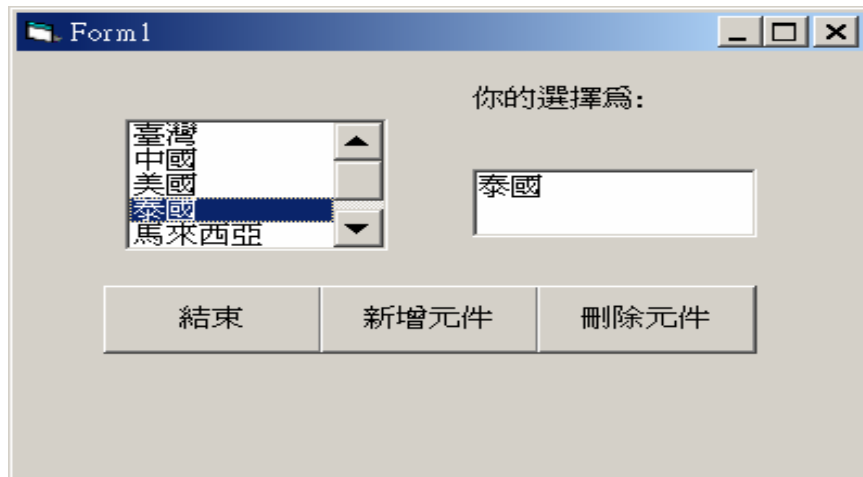
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程式部分(VB.NET)

```
Private Sub Li1_Click(ByVal sender As Object,  
ByVal e As System.EventArgs) Handles  
Li1.Click  
L1.Text = t & a(Li1.SelectedIndex)  
End Sub
```

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執行畫面2



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程式部分(VB6)

```
Private Sub C1_Click(Index As Integer)
    Select Case Index
    Case 0: End
    Case 1:
        Li1.AddItem T1.Text, Li1.ListIndex
    Case 2:
        Li1.RemoveItem Li1.ListIndex : T1.Text = ""
    End Select
End Sub
```

```
Private Sub Form_Load()
    Li1.AddItem "臺灣" : Li1.AddItem "中國"
```

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程式部分(VB6)

```
Li1.AddItem "美國": Li1.AddItem "泰國"  
Li1.AddItem "馬來西亞": Li1.AddItem "澳洲"  
C1(0).Caption = "結束": C1(1).Caption = "新增元件"  
C1(2).Caption = "刪除元件": T1.Text = ""  
L1.Caption = "你的選擇為:"  
End Sub  
  
Private Sub Li1_Click()  
T1.Text = Li1.List(Li1.ListIndex)  
End Sub
```

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程式部分(VB6)

```
Li1.AddItem "美國": Li1.AddItem "泰國"  
Li1.AddItem "馬來西亞": Li1.AddItem "澳洲"  
C1(0).Caption = "結束": C1(1).Caption = "新增元件"  
C1(2).Caption = "刪除元件": T1.Text = ""  
L1.Caption = "你的選擇為:"  
End Sub  
  
Private Sub Li1_Click()  
T1.Text = Li1.List(Li1.ListIndex)  
End Sub
```

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程式部分(VB.NET)

```
Dim a(10), c(10) As String, t As String = "首都為:"  
Private Sub Form1_Load(ByVal sender As  
System.Object, ByVal e As System.EventArgs)  
Handles MyBase.Load  
    Li1.Items.Add("臺灣") : Li1.Items.Add("中國")  
    Li1.Items.Add("美國") : Li1.Items.Add("泰國")  
    Li1.Items.Add("馬來西亞") : Li1.Items.Add("澳洲")  
    a(0) = "台北" : a(1) = "北京"  
    a(2) = "華盛頓" : a(3) = "曼谷"  
    a(4) = "吉隆坡" : a(5) = "雪梨"  
End Sub
```

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程式部分(VB.NET)

```
Private Sub Button1_Click(ByVal sender As Object,  
ByVal e As System.EventArgs) Handles Button1.Click  
    Dim k As Integer = Li1.Items.Count  
    Li1.Items.Add(T1.Text) : a(k) = T2.Text  
End Sub  
  
Private Sub Li1_Click(ByVal sender As Object, ByVal e  
As System.EventArgs) Handles Li1.Click  
    L1.Text = t & a(Li1.SelectedIndex)  
End Sub
```

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程式部分(VB.NET)

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

```
    Dim i, k, m, j As Integer
```

```
    k = Li1.SelectedIndex
```

```
    m = Li1.Items.Count '6
```

```
    Li1.Items.Remove(Li1.SelectedItem)
```

```
    j = 0
```

```
    For i = 0 To m - 1
```

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程式部分(VB.NET)

```
    If i <> k Then
```

```
        c(j) = a(i)
```

```
        j = j + 1
```

```
    End If
```

```
Next
```

```
For i = 0 To Li1.Items.Count - 1
```

```
    a(i) = c(i)
```

```
Next
```

```
End Sub
```

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執行畫面2

The screenshot shows a Windows application window titled "Form1". On the left, there is a list box containing the following items: 臺灣, 中國, 美國, 泰國, 馬來西亞, and 澳洲. To the right of the list box, there are two text input fields. The first is labeled "國家" and the second is labeled "首都". Below these input fields are two buttons: "新增" (Add) and "刪除" (Delete).

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執行畫面3

The screenshot shows a Windows application window titled "Form1". It features two dropdown menus. The first dropdown menu is labeled "國家" and has "台灣", "中國", and "美國" as its visible options. The second dropdown menu is labeled "首都" and has "台北", "北京", and "華盛頓" as its visible options. Below the dropdown menus, the text "台灣" and "台北" are displayed, with "首都為" centered between them. At the bottom of the form, there are three buttons: "加入" (Add), "刪除" (Delete), and "結束" (End).

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程式部分(VB6)

```
Private Sub Form_Load()  
Li1.AddItem "台灣": Li1.AddItem "中國"  
Li1.AddItem "美國": Li1.AddItem "英國"  
Li1.AddItem "法國"  
Li2.AddItem "台北": Li2.AddItem "北京"  
Li2.AddItem "華盛頓": Li2.AddItem "倫敦"  
Li2.AddItem "巴黎"  
L1.Caption = "國家": L2.Caption = "首都"  
L4.Caption = "首都為": L3.Caption = "" : L5.Caption = ""  
  
Li1.ListIndex = 0 ' 表示為第一個  
L3.Caption = Li1.List(Li1.ListIndex)  
L5.Caption = Li2.List(Li1.ListIndex)
```

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程式部分(VB6)

```
C1.Caption = "加入": C2.Caption = "刪除"  
C3.Caption = "結束"  
End Sub
```

```
Private Sub Li1_Click()  
L3.Caption = Li1.List(Li1.ListIndex)  
L5.Caption = Li2.List(Li1.ListIndex)  
Li2.ListIndex = Li1.ListIndex  
End Sub
```

```
Private Sub Li2_Click()  
L3.Caption = Li1.List(Li2.ListIndex)  
L5.Caption = Li2.List(Li2.ListIndex)  
Li1.ListIndex = Li2.ListIndex  
End Sub
```

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程式部分(VB6)

```
Private Sub C1_Click()  
k1 = InputBox("輸入國家", "input prompt", "")  
k2 = InputBox("輸入首都", "input prompt", "")  
If k1 <> "" And k2 <> "" Then  
    eq = 0  
    For i = 0 To Li1.ListCount - 1  
        If k1 = Li1.List(i) Then  
            eq = 1 : Exit For  
        End If  
    next  
end
```

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程式部分(VB6)

```
If eq = 0 Then  
    If Li1.ListIndex < 0 Then  
        Li1.AddItem k1: Li2.AddItem k2  
        Li1.ListIndex = 0: Li2.ListIndex = 0  
    Else  
        Li1.AddItem k1, Li1.ListIndex  
        Li2.AddItem k2, Li2.ListIndex  
    End If  
end
```

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程式部分(VB6)

```
L4.Visible = True
L3.Caption = Li1.List(Li1.ListIndex)
L5.Caption = Li2.List(Li2.ListIndex)
Else
  MsgBox "資料重複"
End If
End If
End Sub
```

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程式部分(VB6)

```
Private Sub C2_Click()
  pos = Li1.ListIndex
  If Li1.ListCount >= 1 Then
    Li1.RemoveItem Li1.ListIndex
    Li2.RemoveItem Li2.ListIndex
    If pos > Li1.ListCount - 1 Then
      Li1.ListIndex = Li1.ListCount - 1
      Li2.ListIndex = Li1.ListCount - 1
    Else
      Li1.ListIndex = pos : Li2.ListIndex = pos
    end if
  end if
```

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程式部分(VB6)

```
If Li1.ListIndex < 0 Then
    L3.Caption = ""
    L5.Caption = ""
    L4.Visible = False
Else
    L3.Caption = Li1.List(Li1.ListIndex)
    L5.Caption = Li2.List(Li2.ListIndex)
End If
End If
End Sub
```

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程式部分(VB6)

```
Private Sub C3_Click()
End
End Sub
```

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程式部分(VB.NET)

```
Private Sub Form1_Load(ByVal sender As System.Object,  
    ByVal e As System.EventArgs) Handles MyBase.Load  
    Li1.Items.Add("臺灣") : Li1.Items.Add("中國")  
    Li1.Items.Add("美國") : Li1.Items.Add("泰國")  
    Li1.Items.Add("馬來西亞") : Li1.Items.Add("澳洲")  
    Li2.Items.Add("台北") : Li2.Items.Add("北京")  
    Li2.Items.Add("華盛頓") : Li2.Items.Add("曼谷")  
    Li2.Items.Add("吉隆坡") : Li2.Items.Add("雪梨")  
End Sub
```

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程式部分(VB.NET)

```
Private Sub Li1_Click(ByVal sender As Object, ByVal e  
    As System.EventArgs) Handles Li1.Click  
    L1.Text = Li1.SelectedItem & "首都為" &  
    Li2.Items(Li1.SelectedIndex)  
    Li2.SelectedIndex = Li1.SelectedIndex  
End Sub  
  
Private Sub Li2_Click(ByVal sender As Object, ByVal  
    e As System.EventArgs) Handles Li2.Click  
    L1.Text = Li1.Items(Li2.SelectedIndex) & "首都為"  
    & Li2.SelectedItem  
    Li1.SelectedIndex = Li2.SelectedIndex  
End Sub
```

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執行畫面3(VB.NET)

Form1

臺灣
中國
美國
泰國
馬來西亞
澳洲

台北
北京
華盛頓
曼谷
吉隆坡
雪梨

澳洲首都為雪梨

國家

首都

新增 刪除

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執行畫面4

Form1

1 1999/4/2 一品書店 IE 5 DHTML設計實務 490 25 True
2 1999/4/13 無印書店 Linux 實務應用 550 20 True
3 1999/4/15 一品書店 SQL Server 7.0 設計實務 560 30 True
4 1999/4/18 福嶺書店 Excel 使用手冊 450 15 False
5 1999/4/18 風尚書店 1999 Internet 網行無阻 480 20 True
6 1999/5/5 福嶺書店 Windows 98 使用手冊 500 60 False
7 1999/5/7 十全書店 Linux 實務應用 550 70 False
8 1999/5/13 福嶺書店 SQL Server 7.0 設計實務 560 50 True
9 1999/5/15 無印書店 1999 NT 架站實務 510 20 False
10 1999/5/18 一品書店 Windows 98 設定秘笈 540 15 False
11 1999/5/18 風尚書店 Windows 98 最佳拍檔 460 25 True
12 1999/5/19 福嶺書店 1999 PCDIY 完全掌握你 440 30 True
13 1999/5/20 十全書店 Photoshop 5 特效魔法師 520 15 False
14 1999/5/20 風尚書店 看!又動又會跳的COOL3D 400 25 False

◀ ◀ 書籍訂單 ▶ ▶ ▶ ▶ 顯示 結束

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程式部分

```
Private Sub C1_Click()  
MsgBox Adodc1.Recordset.RecordCount  
While Not Adodc1.Recordset.EOF  
    MsgBox Adodc1.Recordset.Fields.Count  
    T$ = ""  
    For i = 0 To Adodc1.Recordset.Fields.Count - 1  
        T$ = T$ & Adodc1.Recordset.Fields.Item(i) & " "  
    Next  
    Li1.AddItem T$  
    Adodc1.Recordset.MoveNext  
Wend  
End Sub
```

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程式部分

```
Private Sub C2_Click()  
End  
End Sub  
  
Private Sub Form_Load()  
Adodc1.Caption = "書籍訂單"  
C1.Caption = "顯示"  
C2.Caption = "結束"  
End Sub
```

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ComboBOX下拉式的列表物件(VB6)

- 重要屬性
 - 新增至ComboBOX物件中
 - ADDITEM
 - 自ComboBOX物件中刪除選取物件
 - REMOVEITEM
 - 自ComboBOX物件中取出選取物件
 - ListIndex
 - 顯示ComboBOX物件中紀錄個數
 - Listcount

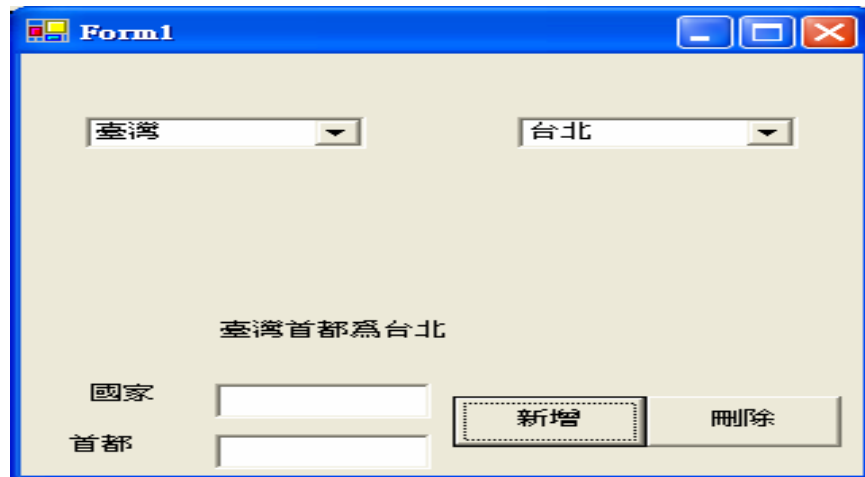
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ComboBOX下拉式的列表物件(VB.NET)

- 重要屬性
 - 新增至ComboBOX物件中
 - ITEMS.add()
 - 自ComboBOX物件中刪除選取物件
 - ITEMS.remove()
 - 自ComboBOX物件中取出選取第幾個物件
 - SelectedIndex
 - 自ComboBOX物件中取出選取物件內容
 - SelectedItem
 - 顯示ComboBOX物件中紀錄個數
 - ITEMS.count

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ComboBOX下拉式的列表物件(VB.NET)



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程式部分(VB.NET)

```
Dim t As String = "首都為:"  
Private Sub Form1_Load(ByVal sender As  
System.Object, ByVal e As System.EventArgs)  
Handles MyBase.Load  
    Li1.Items.Add("臺灣") : Li1.Items.Add("中國")  
    Li1.Items.Add("美國") : Li1.Items.Add("泰國")
```

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程式部分(VB.NET)

```
Li1.Items.Add("馬來西亞") : Li1.Items.Add("
    澳洲")
Li2.Items.Add("台北") : Li2.Items.Add("北京
    ")
Li2.Items.Add("華盛頓") : Li2.Items.Add("曼
    谷")
Li2.Items.Add("吉隆坡") : Li2.Items.Add("雪
    梨")
li1.Text = li1.Items(0) : li2.Text = li2.Items(0)
```

End Sub

程式部分(VB.NET)

```
Private Sub li1_Click1(ByVal sender As Object,
    ByVal e As System.EventArgs) Handles
    li1.Click
    L1.Text = li1.SelectedItem & "首都為" &
        li2.Items(li1.SelectedIndex)
    li2.SelectedIndex = li1.SelectedIndex
    li1.Text = li1.Items(li1.SelectedIndex)
    li2.Text = li2.Items(li1.SelectedIndex)
End Sub
```

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程式部分(VB.NET)

```
Private Sub li2_Click1(ByVal sender As
Object, ByVal e As System.EventArgs)
Handles li2.Click
    L1.Text = li1.Items(li2.SelectedIndex) &
        "首都為" & li2.SelectedItem
    li1.SelectedIndex = li2.SelectedIndex
    li1.Text = li1.Items(li2.SelectedIndex)
    li2.Text = li2.Items(li2.SelectedIndex)
End Sub
```

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程式部分(VB.NET)

```
Private Sub
li1_SelectedIndexChanged(ByVal sender
As Object, ByVal e As System.EventArgs)
Handles li1.SelectedIndexChanged
    L1.Text = li1.SelectedItem & "首都為"
    &
        li2.Items(li1.SelectedIndex)
    li2.SelectedIndex = li1.SelectedIndex
    li1.Text = li1.Items(li1.SelectedIndex)
```

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程式部分(VB.NET)

```
Private Sub li2_SelectedIndexChanged(ByVal sender As Object, ByVal e As System.EventArgs) Handles li2.SelectedIndexChanged
    L1.Text = li1.Items(li2.SelectedIndex) & "首都為" & li2.SelectedItem
    li1.SelectedIndex = li2.SelectedIndex
    li1.Text = li1.Items(li2.SelectedIndex) :
    li2.Text = li2.Items(li2.SelectedIndex)
End Sub
```

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新增項目程式部分(VB.NET)

```
Private Sub Button1_Click(ByVal sender As Object, ByVal e As System.EventArgs) Handles Button1.Click
    If T1.Text <> "" And T2.Text <> "" Then
        Dim i As Integer, eq As Integer = 0
        For i = 0 To li1.Items.Count - 1
            If li1.Items(i) = T1.Text Then
                eq = 1 : MsgBox(T1.Text & "資料重複")
            Exit For
        End If
    Next
```

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新增項目程式部分(VB.NET)

```
For i = 0 To li2.Items.Count - 1
  If li2.Items(i) = T2.Text Then
    eq = 1 : MsgBox(T2.Text & "資料重複")
    Exit For
  End If
Next
```

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新增項目程式部分(VB.NET)

```
  If eq = 0 Then
    li1.Items.Add(T1.Text)
    li2.Items.Add(T2.Text)
  End If
End If
End Sub
```

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移除項目程式部分(VB.NET)

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

```
    Dim pos As Integer = li1.SelectedIndex
```

```
    If li1.Items.Count >= 1 Then
```

```
        li1.Items.Remove(li1.Items(pos))
```

```
        li2.Items.Remove(li2.Items(pos))
```

```
    If pos > li1.Items.Count - 1 Then
```

```
        li1.Text = "": li2.Text = ""
```

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移除項目程式部分(VB.NET)

```
    Else
```

```
        li1.SelectedIndex = pos
```

```
        li2.SelectedIndex = pos
```

```
    End If
```

```
    Else
```

```
        li1.Text = "":li2.Text = ""
```

```
    End If
```

```
End Sub
```

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執行畫面5

Form1

Combo1

1	1999/4/2	一品書店	IE 5 DHTML設計實務	490	25	True
2	1999/4/13	無印書店	Linux 實務應用	550	20	True
3	1999/4/15	一品書店	SQL Server 7.0 設計實務	560	30	True
4	1999/4/18	福麟書店	Excel 使用手冊	450	15	False
5	1999/4/18	風尚書店	1999 Internet網行無阻	480	20	True
6	1999/5/5	福麟書店	Windows 98 使用手冊	500	60	False
7	1999/5/7	十全書店	Linux 實務應用	550	70	False
8	1999/5/13	福麟書店	SQL Server 7.0 設計實務	560	50	True
5	1999/4/18	風尚書店	1999 Internet網行無阻	480	20	True
6	1999/5/5	福麟書店	Windows 98 使用手冊	500	60	False
7	1999/5/7	十全書店	Linux 實務應用	550	70	False
8	1999/5/13	福麟書店	SQL Server 7.0 設計實務	560	50	True
9	1999/5/15	無印書店	1999 NT 架站實務	510	20	False
10	1999/5/18	一品書店	Windows 98 設定秘笈	540	15	False
11	1999/5/18	風尚書店	Windows 98 最佳拍檔	460	25	True
12	1999/5/19	福麟書店	1999 PCDIY 完全掌握你	440	30	True
13	1999/5/20	十全書店	Photoshop 5 特效魔法師	520	15	False
14	1999/5/20	風尚書店	看!又動又會跳的COOL3D	400	25	False
15	1999/5/20	標竿書店	PCDIY DVD玩家實戰	390	30	True
16	1999/5/24	身邊書店	IE 5 DHTML設計實務	490	55	False
17	1999/5/26	十全書店	Windows 98 使用手冊	500	65	True
18	1999/6/1	風尚書店	Linux 實務應用	550	25	False

書籍訂單

顯示 結束