

# VB第17次 核對盒、選項鈕及框架應用

林偉川

## 核對盒物件

- 名稱
  - Checkbox (check1)
- 特性 → 多選鈕
- 重要屬性
  - 設定與否
    - 1 → 已設定、0 → 未設定
- 核對盒物件觸發事件
  - click

## 選項紐物件

- 名稱
  - OptionButton (option1)
- 特性 → 單選鈕
- 重要屬性
  - 設定與否
    - true → 已設定、false → 未設定
- 核對盒物件觸發事件
  - click

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## 電費計算畫面

Form1

使用度數: 56

0-60度       61-80度

81-100度       101-120度       120度以上

應付金額: 300

確定      重試      結束

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## 執行焦點之設定於文字方塊

- 啟動執行時執行焦點落於文字方塊
  - T1.TabIndex = 0
- 再次執行時執行焦點落於文字方塊
  - T1.SetFocus

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## 程式部分

```
Private Sub Form_Load()  
C1.Caption = "確定" : C2.Caption = "重試"  
C3.Caption = "結束"  
O1.Caption = "0-60度" : O2.Caption = "61-80度"  
O3.Caption = "81-100度" : O4.Caption = "101-120度"  
O5.Caption = "120度以上"  
L1.Caption = "使用度數:" : L2.Caption = "應付金額:"  
L3.Caption = "" : T1.Text = ""  
O1.Value = False : O2.Value = False  
O3.Value = False : O4.Value = False  
O5.Value = False : T1.TabIndex = 0  
End Sub
```

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## 程式部分

```
Private Sub C1_Click()  
m = Val(T1.Text)  
If m > 120 Then ' > 120, 20/度  
    O5.Value = True  
    L3.Caption = 300 + 140 + 200 + 300 + (m - 120) * 20  
Else  
If m > 100 Then ' > 100 < 120, 15/度  
    O4.Value = True  
    L3.Caption = 300 + 140 + 200 + (m - 100) * 15  
Else  
If m > 80 Then ' > 80 < 100, 10/度  
    O3.Value = True  
    L3.Caption = 300 + 140 + (m - 80) * 10
```

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## 程式部分

```
Else  
If m > 60 Then ' > 60 < 80, 7/度  
    O2.Value = True  
    L3.Caption = 300 + (m - 60) * 7  
Else  
    O1.Value = True  
    L3.Caption = 300  
End If  
End If  
End If  
End If  
End Sub
```

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## 程式部分

```
Private Sub C2_Click()  
T1.Text = ""  
T1.SetFocus  
O1.Value = False: O2.Value = False  
O3.Value = False: O4.Value = False  
O5.Value = False: L3.Caption = ""  
End Sub
```

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## 程式部分

```
Private Sub C3_Click()  
aa = MsgBox("確定離開?", 32 + vbYesNo, "警告")  
If aa = vbYes Then End  
End Sub  
  
Private Sub T1_KeyPress(KeyAscii As Integer)  
If KeyAscii = 13 Then C1_Click  
End Sub
```

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## 問卷調查畫面（選項鈕及核對盒）

Form1

姓名: 林偉川

性別:  男  女

興趣:  唱歌  爬山  郊遊  
 看電影

結論: 林偉川先生, 興趣: 唱歌, 爬山

確定 繼續 結束

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## 程式部分

```
Private Sub Form_Load()  
C1.Caption = "確定": C2.Caption = "結束"  
C3.Caption = "繼續"  
O1.Caption = "男": O2.Caption = "女"  
O1.Value = True :O2.Value = False  
L1.Caption = "姓名:": L2.Caption = "性別:"  
L3.Caption = "興趣:"  
L4.Caption = "結論:": L5.Caption = ""  
Ch1.Caption = "唱歌": Ch2.Caption = "爬山"  
Ch3.Caption = "郊遊": Ch4.Caption = "看電影"  
T1.Text = "": T1.TabIndex = 0  
End Sub
```

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## 程式部分

```
Private Sub C1_Click()  
L5.Caption = T1.Text If O1.Value = True Then  
L5.Caption = L5.Caption + "先生, 興趣: "  
Else  
L5.Caption = L5.Caption + "小姐, 興趣: "  
End If
```

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## 程式部分

```
C=0  
If Ch1.Value = 1 Then  
L5.Caption = L5.Caption + Ch1.Caption : c = 1  
End If  
If Ch2.Value = 1 Then  
If c = 1 Then  
L5.Caption = L5.Caption + "," + Ch2.Caption  
Else  
L5.Caption = L5.Caption + Ch2.Caption  
End If  
c = 1  
End If
```

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## 程式部分

```
If Ch3.Value = 1 Then
  If c = 1 Then
    L5.Caption = L5.Caption + "," + Ch3.Caption
  Else
    L5.Caption = L5.Caption + Ch3.Caption
  End If
  c = 1
End If
```

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## 程式部分

```
If Ch4.Value = 1 Then
  If c = 1 Then
    L5.Caption = L5.Caption + "," + Ch4.Caption
  Else
    L5.Caption = L5.Caption + Ch4.Caption
  End If
End If
End Sub
```

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## 程式部分

```
Private Sub C2_Click()  
aa = MsgBox("確定離開?", 32 + vbYesNo, "警告")  
If aa = vbYes Then End  
End Sub
```

```
Private Sub C3_Click()  
T1.Text = "": L5.Caption = ""  
End Sub
```

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## 框架應用畫面

The screenshot shows a Windows application window titled "Form1". The form contains the following elements:

- 姓名: 林偉川
- 性別:  男  女
- 職稱:  經理  副理  工程師
- 加班時數: 12 小時
- 應付薪資: 林偉川先生, 你的薪水為 69800
- Buttons: 顯示薪水, 離開

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## 程式部分

```
Dim money, cc
Private Sub Form_Load()
money = 0: cc = 0
T1.Text = "": T2.Text = "0"
L1.Caption = "姓名:" :L2.Caption = "加班時數:"
L3.Caption = "小時": L4.Caption = "應付薪資:" :L5.Caption = ""
O1.Value = True:O2.Value = False:O3.Value = True
O4.Value = False:O5.Value = False
O1.Caption = "男":O2.Caption = "女"
O3.Caption = "經理":O4.Caption = "副理"
O5.Caption = "工程師"
Fr1.Caption = "性別":Fr2.Caption = "職稱:"
C1.Caption = "顯示薪水":C2.Caption = "離開"
End Sub
```

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## 程式部分

```
Private Sub C1_Click()
If O3.Value Then ov = T2.Text * 400
If O4.Value Then ov = T2.Text * 300
If O5.Value Then ov = T2.Text * 250
If O1.Value = True Then
L5.Caption = T1.Text + "先生, 你的薪水為 " & (money + cc + ov)
Else
L5.Caption = T1.Text + "小姐, 妳的薪水為 " & (money + cc + ov)
End If
End Sub
```

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## 程式部分

```
Private Sub C2_Click()  
aa = MsgBox("Quit anyway?", 32 + vbYesNo, "Warning")  
If aa = vbYes Then End  
End Sub
```

```
Private Sub O1_Click()  
If O1.Value Then money = 5000  
End Sub  
Private Sub O2_Click()  
If O2.Value Then money = 4000  
End Sub
```

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## 程式部分

```
Private Sub O3_Click()  
If O3.Value Then cc = 60000  
End Sub  
Private Sub O4_Click()  
If O4.Value Then cc = 50000  
End Sub  
Private Sub O5_Click()  
If O5.Value Then cc = 45000  
End Sub
```

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