

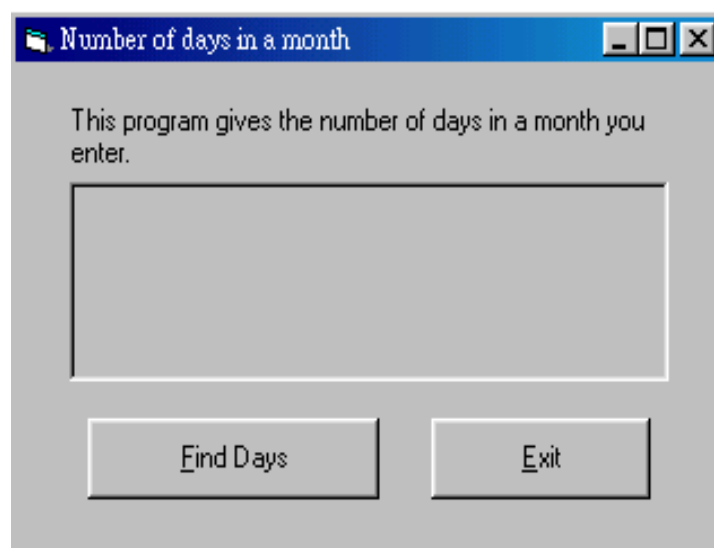
4.2 Try to walkthrough the following program and write down the expected results. Key-in the program and compare the results after execution. This program helps you to understand the use of *case* statement.

Step 1: Create a form with two command buttons, one labels and one picture box according to the properties table below

Properties Table

Object	Property	Setting
Form	Name	frmDayNumber
	Caption	Number of days in a month
Command Button	Name	cmdDay
	Caption	&Find Days
Command Button	Name	cmdExit
	Caption	&Exit
Label	Name	lblMessage
	Caption	This program gives the number of days in a month you enter.
Picture Box	Name	picOutput
	Caption	(empty)

Layout



Step 2 : *Add codes for the events*
cmdDay_Click()
cmdExit

Codes for **cmdDay**

```
Private Sub cmdDay_Click()  
    Dim Month As Integer  
    Dim Leap As String  
    Prompt = "Please input a month number (1 - 12): "  
    Title = "Input of month number"  
    Month = Val(InputBox(Prompt, Title))  
  
    picOutput.Cls  
    Select Case Month  
        Case 1, 3, 5, 7, 8, 10, 12  
            picOutput.Print "31 days"  
        Case 4, 6, 9, 11  
            picOutput.Print "30 days"  
        Case 2  
            Prompt = "Is it a leap year (y/n)?"  
            Title = "Leap year or not"  
            Leap = InputBox(Prompt, Title)  
            If ((Leap = "y") Or (Leap = "Y")) Then  
                picOutput.Print "29 days"  
            Else  
                picOutput.Print "28 days"  
            End If  
        Case Else  
            MsgBox "Invalid month number", , "Input error"  
    End Select  
End Sub
```

Codes for **cmdExit**

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

Step 3 : *Execution*

Click the **Find Days** command button.
Enter *1* in the input box and click OK.
Click the **Find days** command button.
Enter *2* in the input box and click OK.
Enter *Y* in the input box and click OK.
Try other values for Month.
Terminate the program by clicking the **Exit** button