

```
1 Public Class Form1
2     '*****
3     '* 11900-1060301 Program Start *
4     '*****
5     Private Sub btn_01_Click(sender As Object, e As EventArgs) Handles btn_01.Click
6         Dim m0 As Integer '存參考資料的數字
7
8         FileOpen(1, "C:\Users\mshome\source\11900\範例光碟\1060301.SM",
9             OpenMode.Input) '開啟檔案(模式：讀取)
10        Input(1, m0) '存檔案的值
11        FileClose(1) '關檔
12
13        Dim i, m1, m2, m3 As Integer
14        Dim m4 As String = "" '存倒過來的數字串
15        m1 = m0
16
17        '將數字串倒過來存入m0(For...Next)
18        For i = 1 To 9
19            m2 = m1 Mod 10
20            m3 = m1 \ 10
21            m4 = m4 & m2
22            If m3 = 0 Then
23                Exit For
24            End If
25            m1 = m3
26        Next
27
28        '判斷數字串是不是迴文
29        If m0 = m4 Then
30            txt_01.Text = "第一題結果：" & m0 & " is a palindrome."
31        Else
32            txt_01.Text = "第一題結果：" & m0 & " is not a palindrome."
33        End If
34    End Sub
35
36    '*****
37    '* 11900-1060303 Program Start *
38    '*****
39    Private Sub btn_03_Click(sender As Object, e As EventArgs) Handles btn_03.Click
40        Dim m0 As Integer = 0 '存輸入的數字
41
42        FileOpen(1, "C:\Users\mshome\source\11900\範例光碟\1060303.SM",
43            OpenMode.Input) '開啟檔案(模式：讀取)
44        Input(1, m0) '存檔案的值
45        FileClose(1) '關檔
46
47        Dim i As Integer = 0
48        Dim x As Integer = 0 '可以整除的數有多少
49
50        '(Do While...Loop)
51        i = 1
```

```

50     Do While i <= m0
51         If m0 Mod i = 0 Then
52             x = x + 1
53         End If
54         i = i + 1
55     Loop
56
57     If x = 2 Then
58         txt_03.Text = "第三題結果：" & m0 & " is a prime number."
59     Else
60         txt_03.Text = "第三題結果：" & m0 & " is not a prime number."
61     End If
62 End Sub
63
64 '*****
65 '* 11900-1060305 Program Start *
66 '*****
67 Private Sub btn_05_Click(sender As Object, e As EventArgs) Handles btn_05.Click
68     Dim a(2, 2), b(2, 2), c(2, 2) As Integer 'c陣列存結果
69
70     '抓資料
71     FileOpen(1, "C:\Users\msHOME\source\11900\範例光碟\1060305.SM",
72         OpenMode.Input)
73     Input(1, a(1, 1)) : Input(1, a(1, 2))
74     Input(1, a(2, 1)) : Input(1, a(2, 2))
75     Input(1, b(1, 1)) : Input(1, b(1, 2))
76     Input(1, b(2, 1)) : Input(1, b(2, 2))
77     FileClose(1)
78
79     Dim i, j As Integer
80
81     '相加(Do...Loop While)
82     i = 1
83     Do
84         j = 1
85         Do
86             c(i, j) = a(i, j) + b(i, j)
87             j = j + 1
88         Loop While j <= 2
89         i = i + 1
90     Loop While i <= 2
91
92     Dim m0 As String = ""
93
94     m0 = m0 & "[" & c(1, 1) & " " & c(1, 2) & "]" & vbCrLf
95     m0 = m0 & "[" & c(2, 1) & " " & c(2, 2) & "]"
96     txt_05.Text = "第五題結果：" & vbCrLf & m0
97 End Sub
98 Private Sub btn_print_Click(sender As Object, e As EventArgs) Handles btn_print.Click
99     Call pd.Print()

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```
100     End Sub
101
102     Private Sub pd_PrintPage(sender As Object, e As Printing.PrintPageEventArgs) Handles pd.PrintPage ?
103         Dim m0 As String = ""
104
105         m0 = m0 & "姓名：[陳紋誼]          術科測試編號：[000001]" & vbCrLf
106         m0 = m0 & "座號：[01]          日期：[2023/08/13]" & vbCrLf & vbCrLf
107
108         m0 = m0 & txt_01.Text & vbCrLf & vbCrLf
109         m0 = m0 & txt_03.Text & vbCrLf & vbCrLf
110         m0 = m0 & txt_05.Text & vbCrLf & vbCrLf
111
112         e.Graphics.DrawString(m0, txt_01.Font, Brushes.Black, 100, 100)
113     End Sub
114 End Class
115
```