

```
1 Public Class Form1
2     '*****
3     '* 11900-1060304 Program Start *
4     '*****
5     Private Sub btn_04_Click(sender As Object, e As EventArgs) Handles btn_04.Click
6         Dim h(3), w(3) As Integer '身高和體重的陣列
7         Dim bmi(3) As Single '存計算結果(可以存浮點數)
8
9         FileOpen(1, "C:\Users\mshome\source\11900\範例光碟\1060304.SM",
10             OpenMode.Input) '開啟檔案(模式：讀取)
11
12         Dim i As Integer = 0
13         Dim bmi_s As Single = 0 '存最小BMI
14
15         '(For...Next)
16         '抓檔案資料並計算BMI
17         'For i = 1 To 3
18         '    Input(1, h(i))
19         '    Input(1, w(i))
20         '    bmi(i) = w(i) / (h(i) / 100) ^ 2
21         'Next
22         'FileClose(1)
23         'bmi_s = bmi(1)
24         '找最小BMI
25         'For i = 1 To 3
26         '    If bmi(i) < bmi_s Then
27         '        bmi_s = bmi(i)
28         '    End If
29         'Next
30
31         '(Do While...Loop)
32         '抓檔案資料並計算BMI
33         'i = 1
34         'Do While i <= 3
35         '    Input(1, h(i))
36         '    Input(1, w(i))
37         '    bmi(i) = w(i) / (h(i) / 100) ^ 2
38         '    i = i + 1
39         'Loop
40         'FileClose(1)
41         'bmi_s = bmi(1)
42         '找最小BMI
43         'i = 1
44         'Do While i <= 3
45         '    If bmi(i) < bmi_s Then
46         '        bmi_s = bmi(i)
47         '    End If
48         '    i = i + 1
49         'Loop
50
51         '(Do...Loop While)
52         '抓檔案資料並計算BMI
```

```
52     i = 1
53     Do
54         Input(1, h(i))
55         Input(1, w(i))
56         bmi(i) = w(i) / (h(i) / 100) ^ 2
57         i = i + 1
58     Loop While i <= 3
59     FileClose(1)
60     bmi_s = bmi(1)
61     '找最小BMI
62     i = 1
63     Do
64         If bmi(i) < bmi_s Then
65             bmi_s = bmi(i)
66         End If
67         i = i + 1
68     Loop While i <= 3
69
70     '最小值做四捨五入
71     Dim bmi45 As Integer = bmi_s    '自動做四捨五入
72     If bmi45 >= 20 And bmi45 <= 25 Then
73         txt_01.Text = "第四題結果：最小BMI值=" & bmi45 & "，正常"
74     Else
75         txt_01.Text = "第四題結果：最小BMI值=" & bmi45 & "，不正常"
76     End If
77
78 End Sub
79
80 Private Sub btn_print_Click(sender As Object, e As EventArgs) Handles btn\_print.Click
81     Call pd.Print()
82 End Sub
83
84 Private Sub pd_PrintPage(sender As Object, e As Printing.PrintPageEventArgs) Handles pd.PrintPage
85     Dim m0 As String = ""
86
87     m0 = m0 & "姓名：[陳紋誼]          術科測試編號：[000001]" & vbCrLf
88     m0 = m0 & "座號：[01]          日期：[2023/08/09]" & vbCrLf & vbCrLf
89     m0 = m0 & txt_01.Text & vbCrLf
90
91     e.Graphics.DrawString(m0, txt_01.Font, Brushes.Black, 100, 100)
92 End Sub
93 End Class
94
```