

```

1 Imports System.Text
2
3 Public Class Form1
4     '*****
5     '* 11900-1060307 Program Start *
6     '*****
7
8     Dim suit(4) As String
9     Dim card_p() = {"A", "2", "3", "4", "5", "6", "7", "8", "9", "10", "J",
10         "Q", "K"}
11     Dim card_v() = {13, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12}
12     Dim mark(51) As Integer
13     Dim gn As Integer
14     Dim play, bank, result As New ArrayList
15     Private Sub Form1_Load(sender As Object, e As EventArgs) Handles
16         MyBase.Load
17         suit(0) = Encoding.UTF8.GetString({226, 153, 160})
18         suit(1) = Encoding.UTF8.GetString({226, 153, 165})
19         suit(2) = Encoding.UTF8.GetString({226, 153, 166})
20         suit(3) = Encoding.UTF8.GetString({226, 153, 163})
21
22         Call rdata()
23         Call game()
24         Call wdata()
25     End Sub
26
27     Sub rdata()
28         FileOpen(1, "C:\Users\mshome\source\11900\範例光碟\1060307.SM",
29             OpenMode.Input)
30         Input(1, gn)
31
32         For i = 1 To gn * 2
33             Dim m0 As Single
34             Dim m1 As Integer
35             Do
36                 Input(1, m0)
37                 m1 = Int(m0 * 52)
38                 Loop While mark(m1) = 1
39                 mark(m1) = 1
40                 If i Mod 2 = 1 Then
41                     play.Add(m1)
42                 Else
43                     bank.Add(m1)
44                 End If
45             Next
46             FileClose(1)
47         End Sub
48
49     Sub game()
50         For i = 0 To gn - 1
51             Dim s As Integer
52             s = card_v(play(i) Mod 13) - card_v(bank(i) Mod 13)
53             Select Case s

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51         Case Is < 0
52             result.Add("莊家贏")
53         Case 0
54             result.Add("平手")
55         Case Is > 0
56             result.Add("玩家贏")
57     End Select
58 Next
59 End Sub
60
61 Sub wdata()
62     Dim dt As New DataTable
63     dt.Columns.Add("序號")
64     dt.Columns.Add("玩家")
65     dt.Columns.Add("莊家")
66     dt.Columns.Add("結果")
67
68     For i = 0 To gn - 1
69         Dim dr As DataRow = dt.NewRow
70         dr(0) = i + 1
71         dr(1) = suit(play(i) \ 13) & card_p(play(i) Mod 13)
72         dr(2) = suit(bank(i) \ 13) & card_p(bank(i) Mod 13)
73         dr(3) = result(i)
74         dt.Rows.Add(dr)
75     Next
76
77     dgv.DataSource = dt
78 End Sub
79 End Class
80
```