source_program.txt

```
1   Const b_year As Integer = 2012
2
3   Sub Fill_cell()
4
5       Worksheets("Sheet1").Activate
6       Sheets("Sheet1").Cells.Delete
7
8       Range(Cells(1, 1), Cells(8 * 10, 8 * 12)).Font.FontStyle = "MS Pゴシック"
9       Range(Cells(1, 1), Cells(8 * 10, 8 * 12)).Font.Size = 6
10      Range(Cells(1, 1), Cells(8 * 10, 8 * 12)).HorizontalAlignment = xlCenter
11      Range(Cells(1, 1), Cells(8 * 10, 8 * 12)).RowHeight = 10
12
13      For pp = 1 To 12
14          For qq = 1 To 7
15              Columns(qq + 8 * (pp - 1)).ColumnWidth = 1.8
16          Next qq
17          Columns(8 * pp).ColumnWidth = 0.5
18      Next pp
19
20      For ii = 1 To 10
21          row_w = 1 + 8 * (ii - 1)
22          For jj = 1 To 12
23              column_w = 1 + 8 * (jj - 1)
24              Range(Cells(row_w, column_w), Cells(row_w, column_w + 7)).MergeCells = True
25              Cells(row_w, column_w).Font.ColorIndex = 1
26              Cells(row_w, column_w).HorizontalAlignment = xlCenter
27              Cells(row_w, column_w).Value = CStr(b_year + ii - 1) + "年"
28  + CStr(jj) + "月"
29
30              Cells(row_w + 1, column_w).Font.ColorIndex = 3
31              Cells(row_w + 1, column_w).Value = "日"
32
33              Cells(row_w + 1, column_w + 1).Font.ColorIndex = 1
34              Cells(row_w + 1, column_w + 1).Value = "月"
35              Cells(row_w + 1, column_w + 2).Value = "火"
36              Cells(row_w + 1, column_w + 3).Value = "水"
37              Cells(row_w + 1, column_w + 4).Value = "木"
38              Cells(row_w + 1, column_w + 5).Value = "金"
39
40              Cells(row_w + 1, column_w + 6).Font.ColorIndex = 5
41              Cells(row_w + 1, column_w + 6).Value = "土"
42
43              Call fill_days(b_year + ii - 1, CInt(jj))
44          Next jj
45      Next ii
46
47  End Sub
48
49
50  Sub fill_days(wyear As Integer, wmonth As Integer)
51      Select Case wmonth
52          Case 1, 3, 5, 7, 8, 10, 12
53              For ii = 1 To 31
54                  kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
55                  kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
56                  w_row = (wyear - 2012) * 8 + 2 + ((ii + kk_0 - 2) ¥ 7) + 1
57                  w_column = (wmonth - 1) * 8 + kk
58                  Select Case kk
59                      Case 1
60                          Cells(w_row, w_column).Font.ColorIndex = 3
61                          Cells(w_row, w_column).Value = ii
62
63                      Case 2, 3, 4, 5, 6
64                          Cells(w_row, w_column).Font.ColorIndex = 1
65                          Cells(w_row, w_column).Value = ii
66
67                      Case 7
68                          Cells(w_row, w_column).Font.ColorIndex = 5
69                          Cells(w_row, w_column).Value = ii
70                      End Select
71
72              Next ii
73          Case 4, 6, 9, 11
74              For ii = 1 To 30
75                  kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
76                  kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
77                  w_row = (wyear - 2012) * 8 + 2 + ((ii + kk_0 - 2) ¥ 7) + 1
78                  w_column = (wmonth - 1) * 8 + kk
79
80                  Select Case kk
81                      Case 1
82                          Cells(w_row, w_column).Font.ColorIndex = 3
```

```
 83                        Cells(w_row, w_column).Value = ii
 84
 85                    Case 2, 3, 4, 5, 6
 86                        Cells(w_row, w_column).Font.ColorIndex = 1
 87                        Cells(w_row, w_column).Value = ii
 88
 89                    Case 7
 90                        Cells(w_row, w_column).Font.ColorIndex = 5
 91                        Cells(w_row, w_column).Value = ii
 92                    End Select
 93                Next ii
 94        Case 2
 95            If leap_year(wyear) = True Then
 96                For ii = 1 To 29
 97                    kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
 98                    kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
 99                    w_row = (wyear - 2012) * 8 + 2 + ((ii + kk_0 - 2) ¥
100 7) + 1
101                    w_column = (wmonth - 1) * 8 + kk
102                    Select Case kk
103                        Case 1
104                            Cells(w_row, w_column).Font.ColorIndex = 3
105                            Cells(w_row, w_column).Value = ii
106
107                        Case 2, 3, 4, 5, 6
108                            Cells(w_row, w_column).Font.ColorIndex = 1
109                            Cells(w_row, w_column).Value = ii
110
111                        Case 7
112                            Cells(w_row, w_column).Font.ColorIndex = 5
113                            Cells(w_row, w_column).Value = ii
114                    End Select
115                Next ii
116            Else
117                For ii = 1 To 28
118                    kk_0 = Weekday(DateSerial(wyear, wmonth, 1), vbSunday)
119                    kk = Weekday(DateSerial(wyear, wmonth, ii), vbSunday)
120                    w_row = (wyear - 2012) * 8 + 2 + ((ii + kk_0 - 2) ¥
121 7) + 1
122                    w_column = (wmonth - 1) * 8 + kk
123                    Select Case kk
124                        Case 1
125                            Cells(w_row, w_column).Font.ColorIndex = 3
126                            Cells(w_row, w_column).Value = ii
127
128                        Case 2, 3, 4, 5, 6
129                            Cells(w_row, w_column).Font.ColorIndex = 1
130                            Cells(w_row, w_column).Value = ii
131
132                        Case 7
133                            Cells(w_row, w_column).Font.ColorIndex = 5
134                            Cells(w_row, w_column).Value = ii
135                    End Select
136                Next ii
137            End If
138
139    End Select
140 End Sub
141
142
143 Function leap_year(wyear As Integer) As Boolean
144    If (wyear Mod 4) <> 0 Then
145        leap_year = False
146    Else
147        leap_year = True
148    End If
149 End Function
```