

G sketch_mar01a.ino > ...

```

1  #include <SPI.h>                                #include <DMD.h>
2
3  #include <DMD.h>                                #include <TimerOne.h>
4
5  #include <TimerOne.h>                            #include "SystemFont5x7.h"
6
7  #include "SystemFont5x7.h"                       #include "Arial_black_16.h"
8
9  #include "Arial_black_16.h"                      #define ROW 4
10
11                                                    #define COLUMN 1
12
13 #define ROW 4                                    #define FONT Arial_Black_16
14
15 #define COLUMN 1
16
17 #define FONT Arial_Black_16                      DMD led_module(ROW, COLUMN);
18
19 DMD led_module(ROW, COLUMN);
20
21                                                    void scan_module()
22
23                                                    {
24 void scan_module()                                led_module.scanDisplayBySPI();
25
26 {
27
28     led_module.scanDisplayBySPI();
29
30 }
31
32 void setup()                                    void setup()
33
34 {
35     Timer1.initialize(1000);                      {
36
37     Timer1.initialize(1000);                      Timer1.initialize(1000);
38
39     Timer1.attachInterrupt(scan_module);           Timer1.attachInterrupt(scan_module);
40
41     led_module.clearScreen( true );               led_module.clearScreen( true );
42
43 }
44
45 void loop()                                    void loop()
46
47 { char Message[] = "8=D 8=D 8=D 8=D ";           { char Message[] = "8=D 8=D 8=D 8=D ";
48
49     char Message[] = "8=D 8=D 8=D 8=D ";         int mlen = strlen(Message);
50
51     int mlen = strlen(Message);                   led_module.selectFont(FONT);
52
53     led_module.selectFont(FONT);                   led_module.drawMarquee(Message , mlen , (32 * ROW), 0);
54
55     led_module.drawMarquee(Message , mlen , (32 * ROW), 0); long start = millis();
56
57     long start = millis();                         long timing = start;
58
59     long timing = start;                           boolean flag = false;
60
61     boolean flag = false;                           while (!flag)
62
63     while (!flag)                                  {
64
65     {
66
67         if ((timing + 20) < millis())               if ((timing + 20) < millis())
68
69         {
70
71             flag = led_module.stepMarquee(-1, 0);   flag = led_module.stepMarquee(-1, 0);
72
73             timing = millis();                       timing = millis();
74
75         }
76
77     }
78
79 }
80
81 }
```