

```

1 //=====
2 //
3 // Step 10_2
4 // LCD Slide Message
5 //
6 //=====
7 #include "mbed.h"
8 #include "TextLCD.h"
9
10 void slideMessage( char msg[] ,double );
11 TextLCD lcd(p17, p12, p27, p28, p29, p30); // rs, e, d4-d7
12
13 //-----
14 // Main
15 //-----
16 int main(void)
17 {
18     static char msg1[] = "Welcome to mbed seminar! by K
19     oide @ jWind ...";
20     while(1)
21     {
22         slideMessage(msg1, 0.3);
23         wait(3);
24     }
25     return 0 ;
26 }
27
28 //-----
29 // LCD slideMessage
30 //-----
31 void slideMessage(char msg[], double time)
32 {
33     int i;
34     int len = ( strlen(msg) ) ;
35     char msg2[33];
36
37     lcd.cls();
38     for(i=0; i<len; i++)
39     {
40         lcd.locate(0,0);
41         strncpy(msg2, &msg[i], 32);
42         msg2[32]=0;
43         lcd.printf(msg2);
44         wait(time);
45     }
46     lcd.cls();
47 }

```