

```

1 //=====
2 //
3 // Step 11-1
4 // Timer
5 //
6 //=====
7 #include "mbed.h"
8 #include "TextLCD.h"
9
10 TextLCD lcd(p17, p12, p27, p28, p29, p30); // rs, e, d4-d7
11 DigitalOut led1(LED1);
12 Timer timer;
13
14 //-----
15 // Main
16 //-----
17 int main(void)
18 {
19     int begin;
20     int end;
21     // Timer Start
22     timer.start();
23     // Start
24     begin = timer.read_us();
25     led1 = 1;
26     end = timer.read_us();
27
28     lcd.cls();
29     lcd.locate(0, 0); // x,y
30     lcd.printf("LED 0->1 %d us", end-begin);
31     return 0;
32 }
33

```