

```
1  /*-----  
2  |  
3  |                               Interfering HD44780  
4  |  
5  | Name   : InterferingHD44780.c  
6  |  
7  | Purpose:  
8  |       Type the character, the LCD will display what your type. of course, RS232 connect  
9  |       must provided.  
10 |-----  
11  
12 #include <reg51.h>  
13 #include <stdio.h>  
14 #include "LCDDriver\LCDConfig.h"  
15  
16 // com port with 9600 baud with crystal 11.0592MHz.  
17 void init_uart(void)  
18 {  
19     SCON = 0x50;  
20     TMOD |= 0x20;  
21     TH1 = 253;  
22     TR1 = 1;  
23     TI = 1;  
24 }  
25  
26 /*  
27    main program to interfering the LCD  
28 */  
29 void main(void)  
30 {  
31     char cmd;  
32     init_uart();           // 9600 baud @ 11.0592MHz  
33  
34     turnOnLCD();  
35     turnOnRS232();  
36  
37     printf("typing now");  
38     while(1)  
39     {  
40         scanf("%c",&cmd);  
41     }//endofwhile  
42  
43 }  
44  
45
```