Project 21: 1602 LCD (C language version)

Pic. 1

```
  GNU nano 2.2.6                    File: 1602_zzl.c

#include <wiringPi.h>

int main()
{

//int RS=12,RW=11,EN=2;
//int DB0=3,DB1=4,DB2=5,DB3=6,DB4=7,DB5=8,DB6=9,DB7=10;
int DB0=0,DB1=1,DB2=2,DB3=3,DB4=4,DB5=5,DB6=6,DB7=7;
int RS=12,RW=13,EN=14;
//int i;
int i;

wiringPiSetup();



  //Serial.begin(9600);
    pinMode(RS,OUTPUT);
    pinMode(RW,OUTPUT);
    pinMode(EN,OUTPUT);
    pinMode(DB0,OUTPUT);
    pinMode(DB1,OUTPUT);
    pinMode(DB2,OUTPUT);
    pinMode(DB3,OUTPUT);
    pinMode(DB4,OUTPUT);
    pinMode(DB5,OUTPUT);
    pinMode(DB6,OUTPUT);
    pinMode(DB7,OUTPUT);


  digitalWrite(RS,HIGH);
  digitalWrite(RW,LOW);
  digitalWrite(RS,LOW);
  digitalWrite(EN,LOW);
  delay(1);
  //digitalWrite(DB0,0);
  //digitalWrite(DB1,0);
  digitalWrite(DB2,0);

^G Get Help    ^O WriteOut    ^R Read File   ^Y Prev Page   ^K Cut Text    ^C Cur Pos
^X Exit        ^J Justify     ^W Where Is    ^V Next Page   ^U UnCut Text  ^T To Spell
```
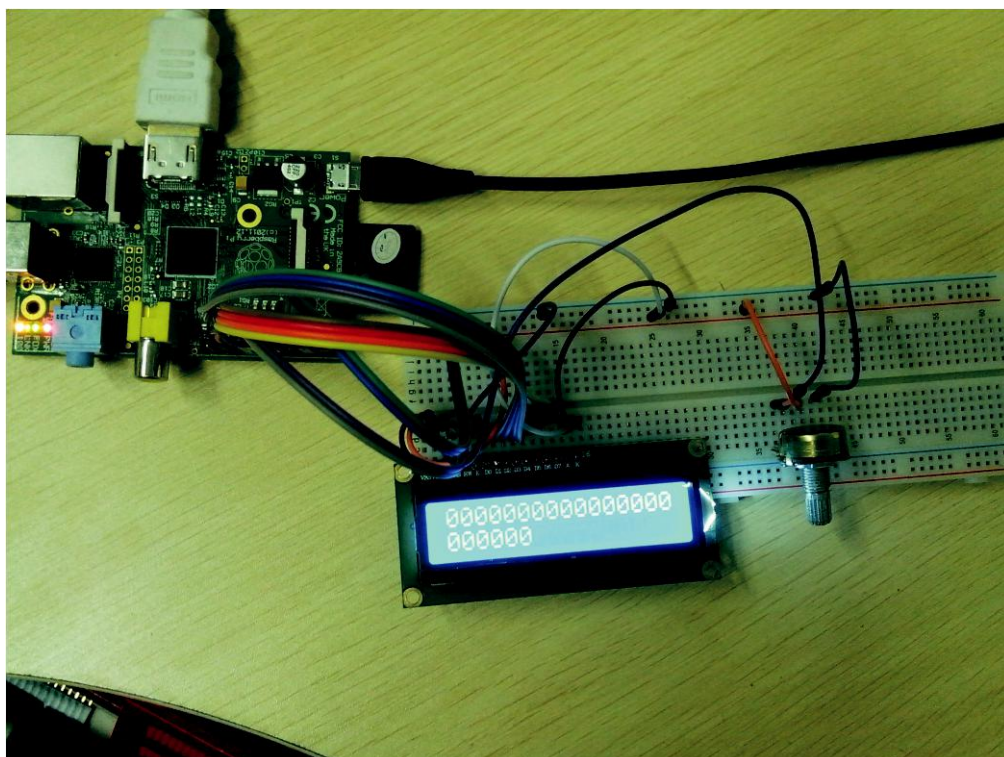
Pic. 2

Pic. 3