

```
//YWROBOT
//Compatible with the Arduino IDE 1.0
//Library version:1.1
#include <Wire.h>
#include <LiquidCrystal_I2C.h>
```

```
LiquidCrystal_I2C lcd(0x27,20,4); // set the LCD address to 0x27
for a 16 chars and 2 line display
```

```
int n=0;
float f=0.0;
void setup()
```

```
{
  lcd.init();

  lcd.backlight();          //เปิดbacklight
  lcd.setCursor(3,0);
  lcd.print("hello....");
  lcd.setCursor(1,1);
  lcd.print("c");
}
```

```
void loop()
{
  lcd.setCursor(4,1);
  lcd.print(n);
  n=n+1;
  lcd.setCursor(11,1);
  lcd.print(f,3);
  f=f+0.001;
  lcd.print((char)0xF4);
```

```
  lcd.setCursor(0,0);
  lcd.print("Temp = ");
  lcd.print(f);
  lcd.print(" ");
  lcd.print((char)0xDF);
  lcd.print("c");
```

```
delay(1000);  
}
```