

```
1  // C++ code
2  //
3  void setup()
4  {
5      Serial.begin(9600);
6      pinMode(13,OUTPUT);
7  }
8
9  void loop()
10 {
11     digitalWrite(13,HIGH);
12     Serial.println("LED ON");
13     delay(1500);
14     digitalWrite(13,LOW);
15     Serial.println("LED OFF");
16     delay(1500);
17     double a=analogRead(A0);
18     double t=((a/1024)*5)-0.5)*100;
19     Serial.print("temperature value:");
20     Serial.println("t");
21     delay(1000);
22
23 }
```

