

```
#include "DHT.h"

DHT dht;

void setup()
{
    Serial.begin(115200);
    Serial.println();
    Serial.println("Status\tHumidity\n(\%)\tTemperature (C)\t(F)");

    dht.setup(2); // data pin 2
    pinMode(13, OUTPUT);
}

void loop()
{
    delay(dht.
getMinimumSamplingPeriod());

    float humidity = dht.
```

```
getHumidity();  
    float temperature = dht.  
getTemperature();  
  
    Serial.print(dht.  
getStatusString());  
    Serial.print("\t");  
    Serial.print(h, 1);  
    Serial.print("\t\t");  
    Serial.print(t, 1);  
    Serial.print("\t\t");  
    Serial.println(dht.  
toFahrenheit(temperature), 1);  
  
    if(h > 60)  
        digitalWrite(13,1);  
    if(h < 50)  
        digitalWrite(13,0);  
}
```