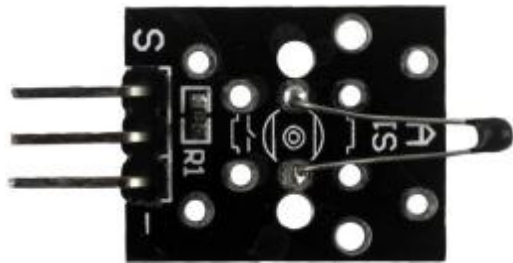


# Analog\_temp Experiment

## Overview

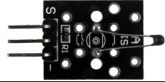





This lesson will teach you how to use Analog\_temp module, which is simple and easy to use.

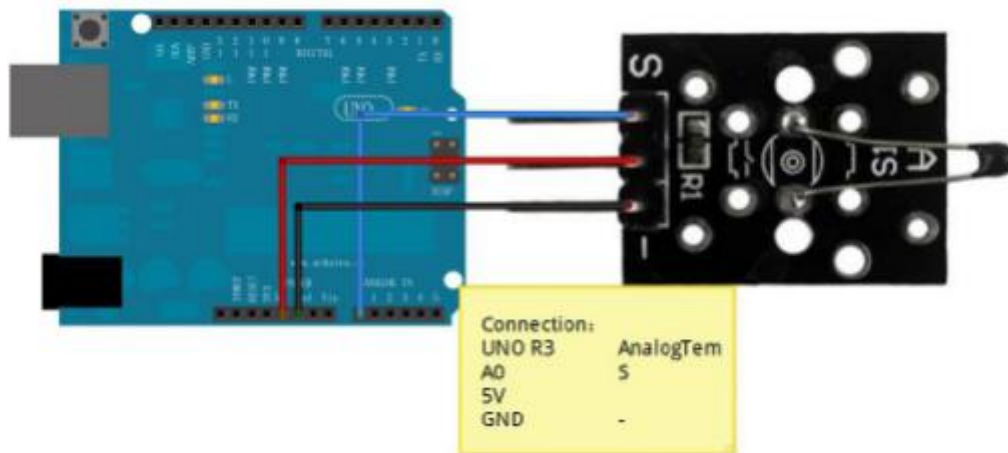
## Pin definition

UNO R3	Analog_temp
A0	S
5v	
GND	"_"

## Hardware required

Material diagram	Material name	Number
	Analog_temp	1
	UNO R3	1
	USB Cable	1
	Male to Female Jumper wires	several

## Connection diagram

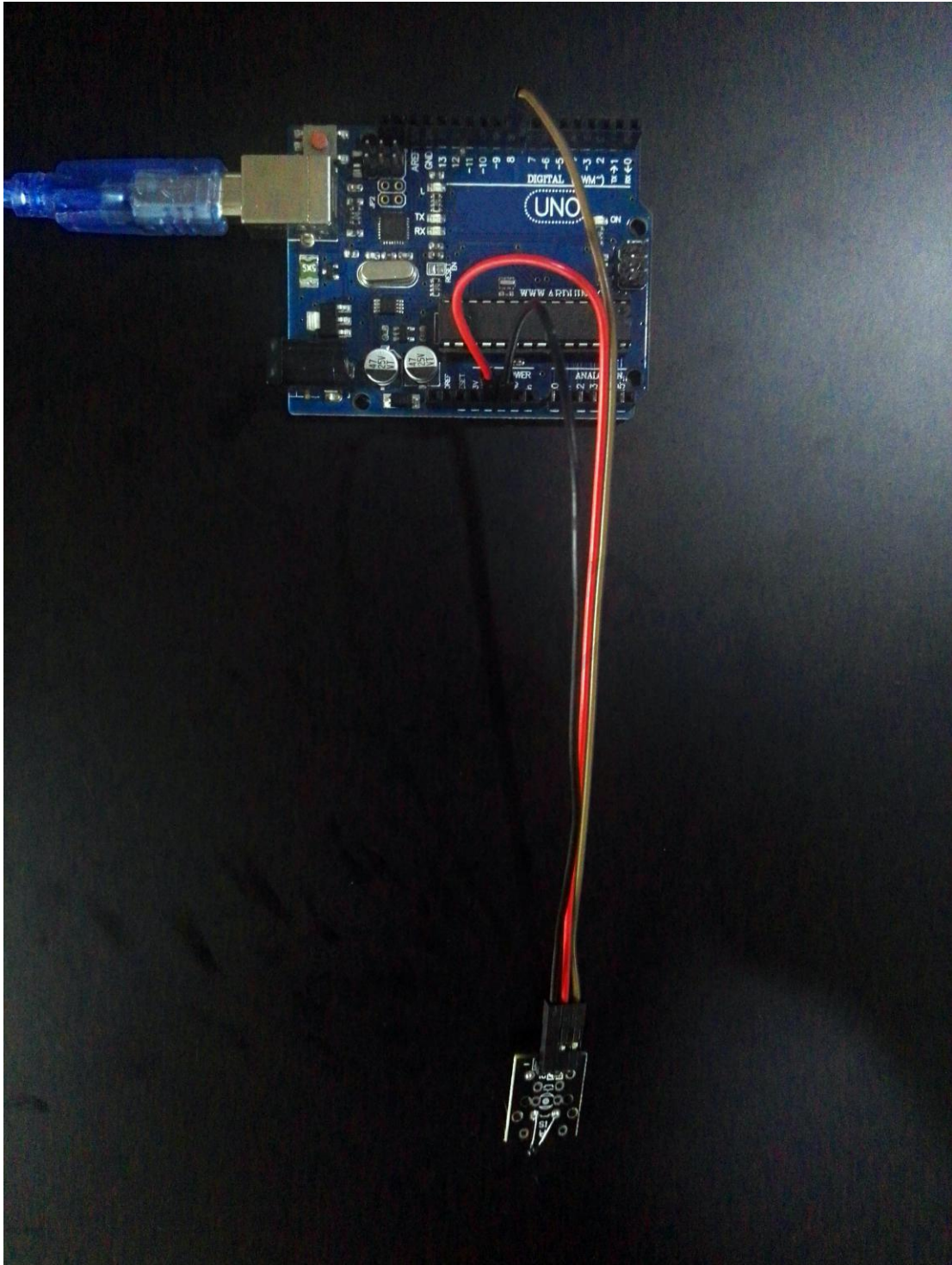


## Sample code

**Note:** sample code under the **Sample code** folder.

```
const int SensorPin = A0;
int Data=0;
void setup()
{
    pinMode (SensorPin,INPUT);
    Serial.begin(9600);
}
void loop()
{
    Data=analogRead(SensorPin);
    Serial.print("Data=");
    Serial.print(Data);
    Serial.println("\n");
    delay(500);
}
```

## Example picture



## Language reference

**Tips :** Click on the following name to jump to the web page.

If you fail to open, use the Adobe reader to open this document.

[pinMode\(\)](#)

[analogRead\(\)](#)

[Serial](#)

## Application effect

Open the serial port monitor, and sensor temperature rise, you will see some different values by return.

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