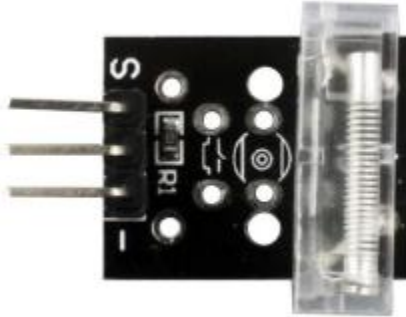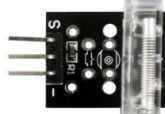# Tap_module Experiment

Overview

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

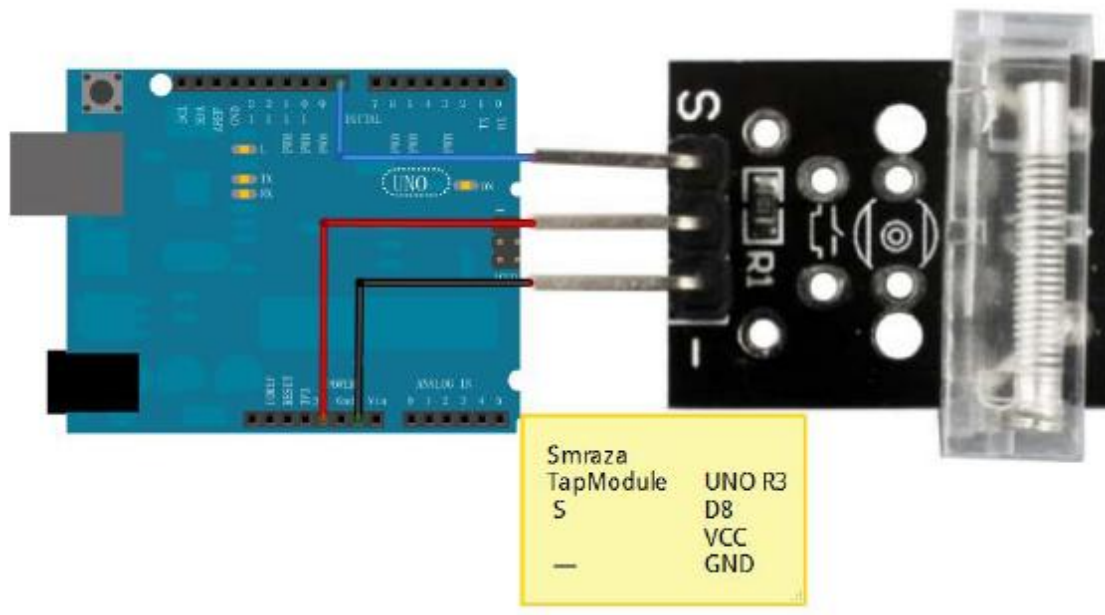## Pin definition

UNO R3	Tap_module
D8	S
5V	
GND	"-"

Hardware required

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

Connection diagram


```
Smraza
TapModule      UNO R3
S              D8
               VCC
—              GND
```

Sample code

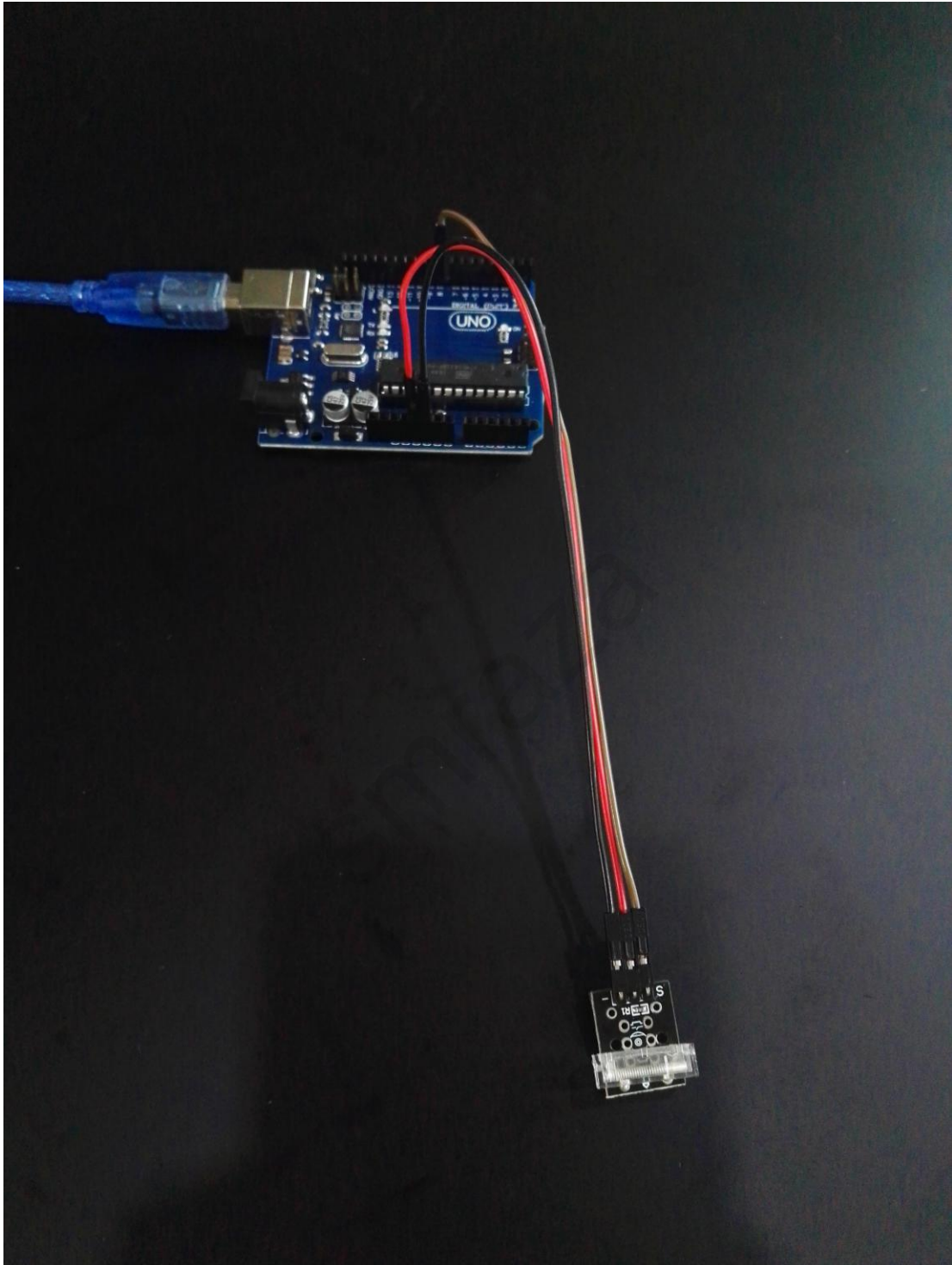**Note**: sample code under the **Sample code** folder.

```
const int SensorPin = 8;
int Data=0;
void setup()
{
    pinMode (SensorPin,INPUT);
    Serial.begin(9600);
}
void loop()
{
    Data=digitalRead(SensorPin);
    Serial.print("Data=");
    if(Data==HIGH)
    {
        Serial.println("Open");
    }
    else
    {
        Serial.println("Close");
    }
    delay(300);
}
```

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()
digitalRead()
Serial

Application effect

Open the serial port monitor, and knock on the Tap Module, you will see some different values by return.

****

* About Smraza:

* We are a leading manufacturer of electronic components for Arduino and Raspberry Pi.

* Official website: http://www.smraza.com/

* We have a professional engineering team dedicated to providing tutorials and support to help you get started.

* If you have any technical questions, please feel free to contact our support staff via email at support@smraza.com

* We truly hope you enjoy the product, for more great products please visit our

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