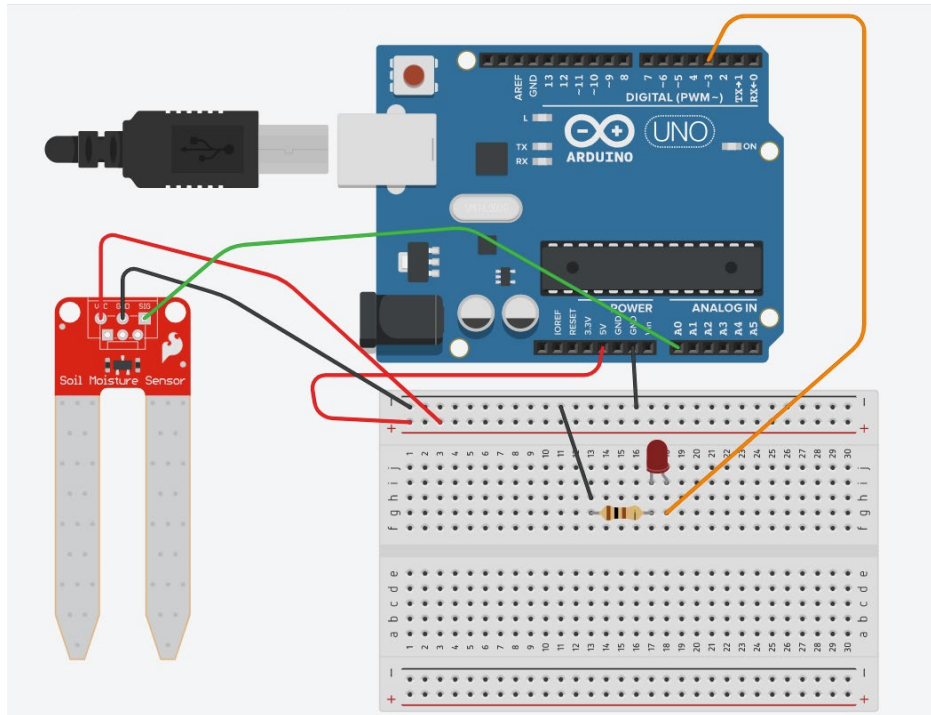


Arduino Moisture Sensor – An Example of an Analog Sensor

Setup:

Login



```
void setup() {  
  pinMode(3,OUTPUT);  
  Serial.begin(9600);  
  
}  
  
void loop() {  
  
  int sensorValue = analogRead(A0);  
  
  Serial.println(sensorValue);  
  delay(30);  
  
  if (sensorValue<70)  
  {  
    digitalWrite(3,HIGH);  
  }  
  digitalWrite(3,LOW);  
}
```

Notes:

- Before uploading, make sure to click on Tools>Port>Select COM
- To view sensor data, click Tools>Serial Monitor or Serial Plotter. The baud should be on 9600.

Breadboard Connections:

+ (positive)	Connect to 5V on the Arduino
- (negative)	Connect to GND on the Arduino

Moisture Sensor Connections:

VCC	Connect to + on the breadboard
GND	Connect to - on the breadboard
D0	
A0	Connect to A0 on the Arduino

Led light connections:

Short leg	Connect to - on the breadboard
Long leg	Connect to pin 3 digital on the Arduino Board