

```
int sensorPin = A5; // select the input pin for the potentiometer

int ledPin = 13;    // select the pin for the LED

int sensorValue = 0; // variable to store the value coming from the sensor


void setup() {
  pinMode(ledPin, OUTPUT);
  Serial.begin(9600);
}


void loop() {

  sensorValue = analogRead(sensorPin);
  digitalWrite(ledPin, HIGH);
  delay(sensorValue);
  digitalWrite(ledPin, LOW);
  delay(sensorValue);
  Serial.println(sensorValue, DEC);
}
```

This article was published on Monday 09 January, 2012.