

## Circuit #2: Potentiometer

### Code:

```
int sensorPin = 0;
int ledPin = 13;
int sensorValue = 0;

void setup() {
  pinMode(ledPin, OUTPUT);
}

void loop() {
  //this line assigns whatever the analog Pin 0 reads to
  sensorValue

  sensorValue = analogRead(sensorPin);

  digitalWrite(ledPin, HIGH);
  delay(sensorValue);
  digitalWrite(ledPin, LOW);
  delay(sensorValue);
}
```