



```
int ledPin=9;
int regPin=A0;
int sensorValue = 0;
void setup()
{
  pinMode(ledPin, OUTPUT);
  pinMode(regPin, INPUT);}
void loop()
{
  sensorValue = analogRead(regPin);
  digitalWrite(ledPin,HIGH);
  delay(sensorValue);
  digitalWrite(ledPin,LOW);
  delay(sensorValue);}
```