

Arduino LDR

Reads the Light Level from an LDR and Prints the result to the Serial Monitor.

```
/* Reads an analog input pin and prints the results to the serial monitor */
```

```
const int analogInPin = A0; // Analog input pin  
int sensorValue = 0; // value read from the LDR
```

```
void setup() {  
  // initialize serial communications at 9600 bps:  
  Serial.begin(9600);  
}
```

```
void loop() {  
  // read the analog in value:  
  sensorValue = analogRead(analogInPin);  
  // print the results to the serial monitor:  
  Serial.print("sensor = ");  
  Serial.println(sensorValue);  
  delay(2);  
}
```

Appears in
the Console
Window

- Add an LED (Arduino Blink) .
- Program it to Light **if** it's Dark **If(condition)**
- Make LED brightness change with LDR reading

