



Text

1 (Arduino Uno R3)

```

11 Serial.begin(9600);
12 }
13
14 void loop(){
15   val = digitalRead(inputPin); // read input value
16   int value_ldr = analogRead(A0); // read LDR value
17
18   if((300>value_ldr) && (val==HIGH) ){
19     if (val == HIGH) { // check if the input is HIGH
20       digitalWrite(ledPin, HIGH); // turn LED ON
21       digitalWrite(Buzzer, 1);
22       delay(5000);
23     }
24     if (pirState == LOW) {
25       // we have just turned on
26       Serial.println("Motion detected!");
27       // We only want to print on the output change, not state
28       pirState = HIGH;
29     }
30   } else {
31     digitalWrite(ledPin, LOW); // turn LED OFF
32     digitalWrite(Buzzer, 0); // turn Buzzer OFF
33   }
34   if (pirState == HIGH){
35     // we have just turned of
36     Serial.println("Motion ended!");
37     // We only want to print on the output change, not state
38     pirState = LOW;
39   }
40 }

```

Serial Monitor

