int led=3;

int pir=2;

int ldr\_value;

bool pir\_value;

void setup() {

 pinMode(led,OUTPUT);

 pinMode(pir,INPUT);

 Serial.begin(9600);

}

void loop() {

ldr\_value =analogRead(A0);

pir\_value = digitalRead(pir);

if(ldr\_value <450){

  if(pir\_value == HIGH){

    digitalWrite(led,HIGH);

  Serial.println("Motion detected");

  delay(3000);

  }else{

     digitalWrite(led,LOW);

  Serial.println("Motion stopped!");

  }

}else{

   digitalWrite(led,LOW);

}

Serial.print("LDR value is :");

Serial.println(ldr\_value);

delay(100);

}