

```

#define pir 2
#define led 3
#include <Servo.h>
Servo myservo;
void setup()
{
  pinMode(pir, INPUT);
  pinMode(led, OUTPUT);
  myservo.attach(1);
  Serial.begin(9600);
}
void loop()
{
  int val=digitalRead(pir);
  Serial.println(val);
  if(val==HIGH)
  {
    digitalWrite(led, HIGH);
    myservo.write(70);
  }
  else{
    digitalWrite(led, LOW);
    myservo.write(10);
  }
  delay(10);
}

```

