

```

int led =8; //Marking the pin for the LED
int sensor =2; //Marking the pin for the sensor

int value = 0; //Creating a variable for the value

void setup() {

  Serial.begin (9600); //Serial begining state

  pinMode(led, OUTPUT); //Setting LED pin as output
  pinMode(sensor, INPUT); //Setting sensor pin as input
}

void loop() {

  value=digitalRead(sensor); //Use if digital sensor

  if(value==1){ //Change the value range to fit your need
    digitalWrite(led,HIGH); //Turning LED on
  }
  else{
    digitalWrite(led,LOW); //Turning LED off
  }
  Serial.println(value); //Printing the value of sensor in the monitor
}

```

