#include <SPI.h>

#include <Wire.h>

const int Sensor\_Pin1 = 2;

const int Sensor\_Pin2 = 3;

const int LED\_Pin1 = 12;

const int LED\_Pin2 = 13;

void setup()

{

pinMode(LED\_Pin1, OUTPUT);

pinMode(LED\_Pin2, OUTPUT);

pinMode(Sensor\_Pin1, INPUT);

pinMode(Sensor\_Pin2, INPUT);

}

void loop()

{

if (digitalRead(Sensor\_Pin1) == LOW) {

// turn LED on:

digitalWrite(LED\_Pin1, HIGH);

} else {

// turn LED off:

digitalWrite(LED\_Pin1, LOW);

}

}