#include <DFRobot\_sim808.h>

#include <SoftwareSerial.h>

#define PIN\_TX 11

#define PIN\_RX 10

SoftwareSerial mySerial(PIN\_TX,PIN\_RX);

DFRobot\_SIM808 sim808(&mySerial);

#define PHONE\_NUMBER "+9876543210"

#define FLAME 7

int pinSensor=6;

int pinBuzzer=13;

int pirSensor=0;

void setup(){

pinMode(pinSensor,INPUT);

pinMode(pinBuzzer,OUTPUT);

pinMode(FLAME,INPUT);

Serial.begin(9600);

}

void loop(){

if(digitalRead(pinSensor)==HIGH || digitalRead(FLAME)==LOW)

{

Serial.println("object detected");

tone(pinBuzzer,1000,500);

calling();

}

else

{

Serial.println("not detected");

}

delay(1000);

}

void calling() {

mySerial.begin(9600);

Serial.begin(9600);

Serial.println("Sim800 init success");

Serial.println("Start to call ...");

sim800.callUp(PHONE\_NUMBER);

delay(2000);

tone(pinBuzzer,1500);

delay(10000);

noTone(pinBuzzer);

}