int pirPin = 7;

int minSecsBetweenEmails = 60; // 1 min

long lastSend = -minSecsBetweenEmails \* 1000;

void setup()

{

pinMode(pirPin, INPUT);

Serial.begin(9600);

}

void loop()

{

long now = millis();

if (digitalRead(pirPin) == HIGH)

{

if (now > (lastSend + minSecsBetweenEmails \* 1000))

{

Serial.println("MOVEMENT"); lastSend = now;

}

else

{

Serial.println("Too soon"); }

}

delay(500);

}

**============================================================**

$ tar -xzf pyserial-2.6.tar.gz

============================================================

sudo python setup.py install

============================================================

import time

import serial

import smtplib

TO = 'putyour@email.here'

GMAIL\_USER = 'putyour@email.here'

GMAIL\_PASS = 'putyourpasswordhere'

SUBJECT = 'Intrusion!!'

TEXT = 'Your PIR sensor detected movement'

ser = serial.Serial('COM4', 9600)

def send\_email():

print("Sending Email")

smtpserver = smtplib.SMTP("smtp.gmail.com",587)

smtpserver.ehlo() smtpserver.starttls()

smtpserver.ehlo smtpserver.login(GMAIL\_USER, GMAIL\_PASS)

header = 'To:' + TO + '\n' + 'From: ' + GMAIL\_USER

header = header + '\n' + 'Subject:' + SUBJECT + '\n'

print header

msg = header + '\n' + TEXT + ' \n\n'

smtpserver.sendmail(GMAIL\_USER, TO, msg)

smtpserver.close()

while True:

message = ser.readline()

print(message)

if message[0] == 'M' :

send\_email()

time.sleep(0.5)

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python movement.py