float spd;

 float frequency;

#include <FreqMeasure.h>

void setup() {

    Serial.begin(57600);

  FreqMeasure.begin();

 pinMode(13,OUTPUT);

  digitalWrite(13,0);

}

double sum=0;

int count=0;

void loop() {

  if (FreqMeasure.available())

  {

    sum = sum + FreqMeasure.read();

    count = count + 1;

    if (count > 60) {

       frequency = FreqMeasure.countToFrequency(sum / count);

       spd = frequency / 19.49;

      delay(50);

       sum = 0;

      count = 0;

       if(spd >= 70)

  {

    digitalWrite(13,1);

    Serial.print("a");

  }

   if(spd <= 70)

  {

    digitalWrite(13,0);

     Serial.print("b");

  }

    }

 }

      Serial.println(spd);

     }