#include <HX711.h> //You must have this library in your arduino library folder

#include <LiquidCrystal.h>

LiquidCrystal lcd(12, 11, 10, 9, 8, 7);

#define DOUT 4

#define CLK 5

#define led 3

HX711 scale;

float calibration\_factor = 2230; // this calibration factor is adjusted according to my load cell

float units;

void setup() {

pinMode(led,OUTPUT);

scale.begin(DOUT, CLK);

lcd.begin(16,2);

Serial.begin(9600);

Serial.println("Press T to tare");

scale.set\_scale(calibration\_factor); //Adjust to this calibration factor

scale.tare();

}

void loop() {

units = scale.get\_units();

lcd.setCursor(0,0);

lcd.print("Weight: ");

lcd.setCursor(8,0);

lcd.print(units);

lcd.setCursor(14,0);

lcd.print("g");

delay(500);

if(units>=0)

{

digitalWrite(led,HIGH);

delay(5000);

digitalWrite(led,LOW);

delay(500);

}

/\* if(Serial.available())

{

char temp = Serial.read();

if(temp == 't' || temp == 'T')

scale.tare(); //Reset the scale to zero

}\*/