//Note: This project was directly copied in order to test that the load cell can work with the project, and that on a fundamental level, it does what it is supposed to do, going up when weight is added to it

//

// FILE: HX\_kitchen\_scale.ino

// AUTHOR: Rob Tillaart

// VERSION: 0.1.0

// PURPOSE: HX711 demo

// URL: https://github.com/RobTillaart/HX711

//

// HISTORY:

// 0.1.0 2020-06-16 initial version

//

// to be tested

#include "HX711.h"

HX711 scale;

uint8\_t dataPin = 6;

uint8\_t clockPin = 7;

float w1, w2, previous = 0;

void setup()

{

Serial.begin(115200);

Serial.println(\_\_FILE\_\_);

Serial.print("LIBRARY VERSION: ");

Serial.println(HX711\_LIB\_VERSION);

Serial.println();

scale.begin(dataPin, clockPin);

Serial.print("UNITS: ");

Serial.println(scale.get\_units(10));

// loadcell factor 20 KG

// scale.set\_scale(127.15);

// loadcell factor 5 KG

scale.set\_scale(3972.86962);

scale.tare();

Serial.print("UNITS: ");

Serial.println(scale.get\_units(10));

}

void loop()

{

// read until stable

w1 = scale.get\_units(10);

Serial.println(w1);

}

// END OF FILE