TEARM ID : PNT2022TMID13705

#include <Arduino.h>

#include "HX711.h"

#include <BlynkSimpleEsp8266.h>

//Enter auth,ssid and pass according to your project

char auth[] = "AxapiQSfhBFIOFC4IsChvfSMWWAmDiqi";

char ssid[] = "\*\*\*\*\*\*";

char pass[] = "\*\*\*\*\*\*";

// HX711 circuit wiring

const int LOADCELL\_DOUT\_PIN = 12;

const int LOADCELL\_SCK\_PIN = 13;

HX711 scale;

void setup() {

Serial.begin(115200);

Blynk.begin(auth, ssid, pass);

Serial.println("HX711 Demo");

Serial.println("Initializing the scale");

scale.begin(LOADCELL\_DOUT\_PIN, LOADCELL\_SCK\_PIN);

Serial.println("Before setting up the scale:");

Serial.print("read: \t\t");

Serial.println(scale.read());

Serial.print("read average: \t\t");

Serial.println(scale.read\_average(20));

Serial.print("get value: \t\t");

Serial.println(scale.get\_value(5));

Serial.print("get units: \t\t");

Serial.println(scale.get\_units(5), 1);

scale.set\_scale(470.562);

scale.tare();

Serial.println("After setting up the scale:");

Serial.print("read: \t\t");

Serial.println(scale.read());

Serial.print("read average: \t\t");

Serial.println(scale.read\_average(20));

Serial.print("get value: \t\t");

Serial.println(scale.get\_value(5));

Serial.print("get units: \t\t");

Serial.println(scale.get\_units(5), 1);

Serial.println("Readings:");

}

void loop() {

Serial.print("one reading:\t");

Serial.print(scale.get\_units(), 1);

Serial.print("\t| average:\t");

Serial.println(scale.get\_units(10), 5);

if(scale.read()>100)

{

Serial.println("low gas");

Serial.print(scale.read());

Blynk.notify("book your gas cylinder");

delay(1000);

}

Blynk.virtualWrite(V1,scale.read());

Blynk.run();

scale.power\_down();

delay(5000);

scale.power\_up();

}