Sender

#include<SoftwareSerial.h> //Included SoftwareSerial Library

//Started mySerial SoftwareSerial

SoftwareSerial mySerial(10,11);

int x=800;

void setup() {

// put your setup code here, to run once:

mySerial.begin(9600);

Serial.begin(9600);

}

void loop() {

// put your main code here, to run repeatedly:

uint8\_t LSB = x;

uint8\_t MSB = x >> 8;

mySerial.write(MSB);

mySerial.write(LSB);

delay(2000);

}

//////////

Receiver

#include<SoftwareSerial.h> //Included SoftwareSerial Library

//Started mySerial SoftwareSerial

SoftwareSerial mySerial(10,11);

void setup() {

// put your setup code here, to run once:

mySerial.begin(9600);

Serial.begin(9600);

}

void loop() {

// put your main code here, to run repeatedly:

if (mySerial.available() > 1) {

int measure;

byte b1 = mySerial.read();

byte b2 = mySerial.read();

measure = ((int)b1) \* 256 + b2;

Serial.println(measure);

delay(2000);

}

}