////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////

//nRF24L01 Arduino Master

#include <SPI.h>

#include <nRF24L01.h>

#include <RF24.h>

RF24 radio(9, 10); // CE, CSN

const byte address[6] = "00001";

void setup (void) {

Serial.begin(115200); //set baud rate to 115200 for usart

// digitalWrite(SS, HIGH); // disable Slave Select

//SPI.begin ();

//SPI.setClockDivider(SPI\_CLOCK\_DIV8);//divide the clock by 8

radio.begin();

radio.openWritingPipe(address);

radio.setPALevel(RF24\_PA\_MIN);

radio.stopListening();

}

void loop (void) {

char c;

const char text[] = "Hello World 123";

radio.write(&text, sizeof(text));

Serial.println(text); //In kí tự '...' và kết thúc dòng thông tin

delay(1000);

}

////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////

//nRF24L01 Slave

#include <SPI.h>

#include <nRF24L01.h>

#include <RF24.h>

RF24 radio(9, 10); // CE, CSN

const byte address[6] = "00001";

char buff [50];

volatile byte indx;

volatile boolean process;

void setup (void) {

Serial.begin (115200);

radio.begin();

radio.openReadingPipe(0, address);

radio.setPALevel(RF24\_PA\_MIN);

radio.startListening();

}

void loop (void) {

if (radio.available()) {

char text[32] = "";

radio.read(&text, sizeof(text));

Serial.println(text);

}

}

