#include <SoftwareSerial.h>

SoftwareSerial gsm(2, 3);

void setup() {

Serial.begin(9600);

gsm.begin(9600);

Serial.println("Initializing GSM module...");

delay(1000);

gsm.println("AT");

delay(1000);

}

void loop() {

if (gsm.available()) {

Serial.write(gsm.read());

}

if (Serial.available()) {

gsm.write(Serial.read());

}

}