

Link to Arduino sample code.

<https://www.dropbox.com/s/ozvarbfg7y5qaz8/Arduino%20code.zip?dl=0>

Arduino (Mega 2560) and JY-901 connection test

step 1 preparation

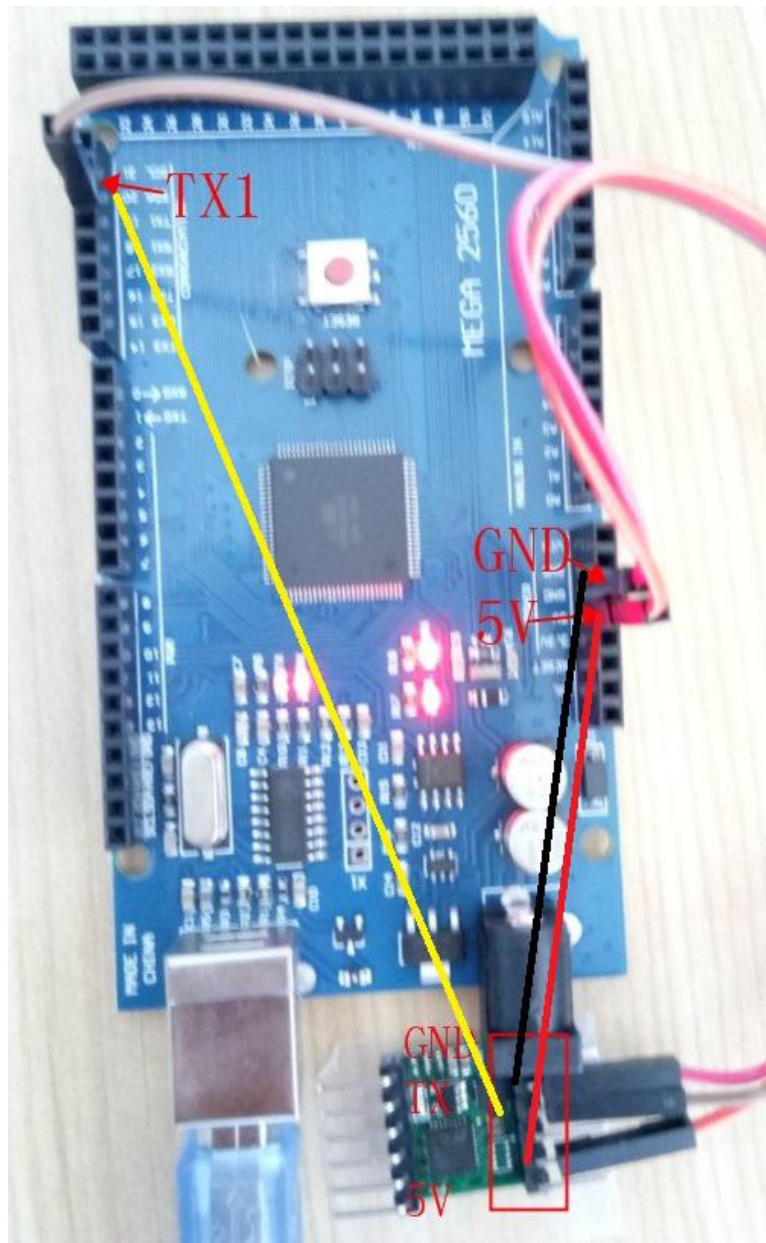
Hardware equipment: JY-901 module, Arduino Mega2560 development board.

Software equipment: Download the Arduino software on the official website (download URL:

<https://www.arduino.cc/en/Main/Software#>) and install it.

2 hardware connection

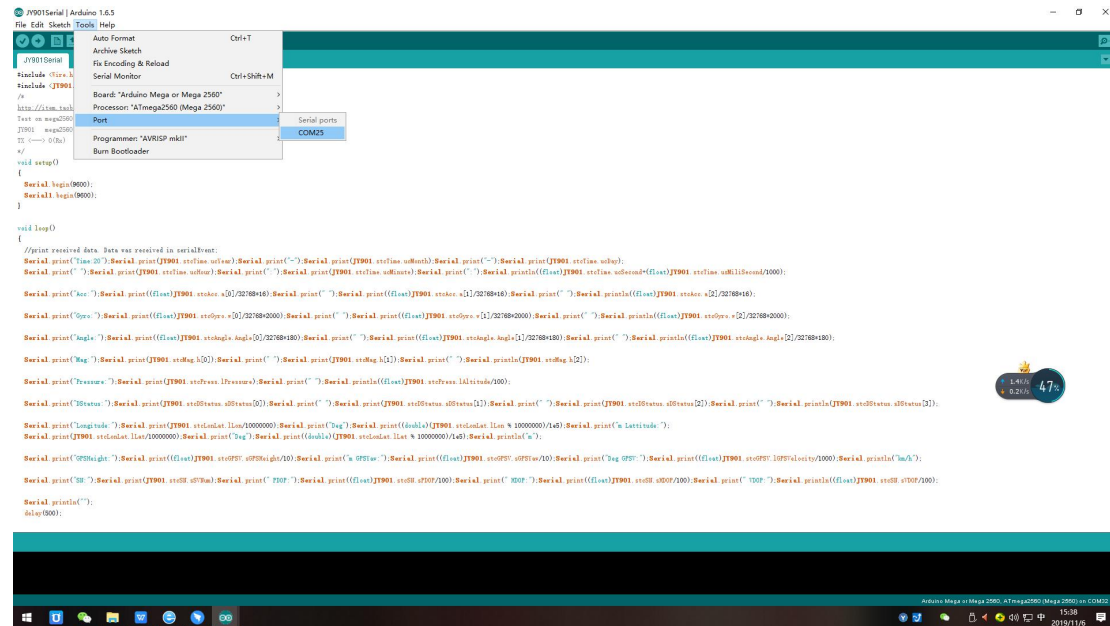
First connect the Arduino Mega 2560 to the computer using a data cable. The JY-901 is connected to the Arduino MEGA2560 using a DuPont cable. Connect the JY-901 module to the Arduino MEGA 2560 development board. Note that only three pins are connected: TX-TX1 (19th pin), GND-GND, VCC-5V, JY-901 on the front, and Arduino MEGA 2560 on the back. The pins on the board. Note: The RX of JY-901 cannot be connected to the RX of Arduino MEGA 2560. The connection is as shown below:



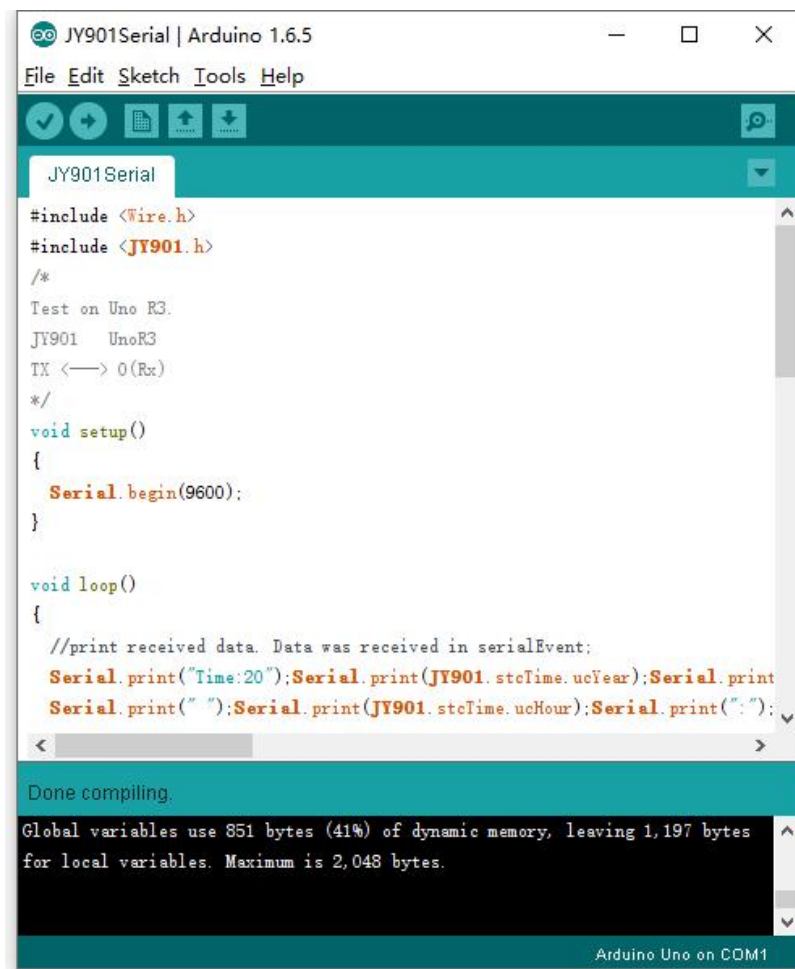
3 software testing

- 1) Open the sample program and extract the JY901.zip file and copy the extracted folder JY901 to the Arduino library installation directory: C:\Program Files(x86)\Arduino\libraries.
- 2.) Open the already installed software ArduinoIDE, click File->Examples->JY901, and select the corresponding instance program.

Note: The specific port number should be viewed at the port of the device manager of the computer.



Compile and download the program to the board



4 output results display

Connect the board correctly on the computer, first open the software serial port debugging assistant, first close the Arduino port, find the corresponding port in the serial port assistant, then open the serial port, note that the baud rate is set to 9600, then you can observe the left side The window has data output. as the picture shows:

