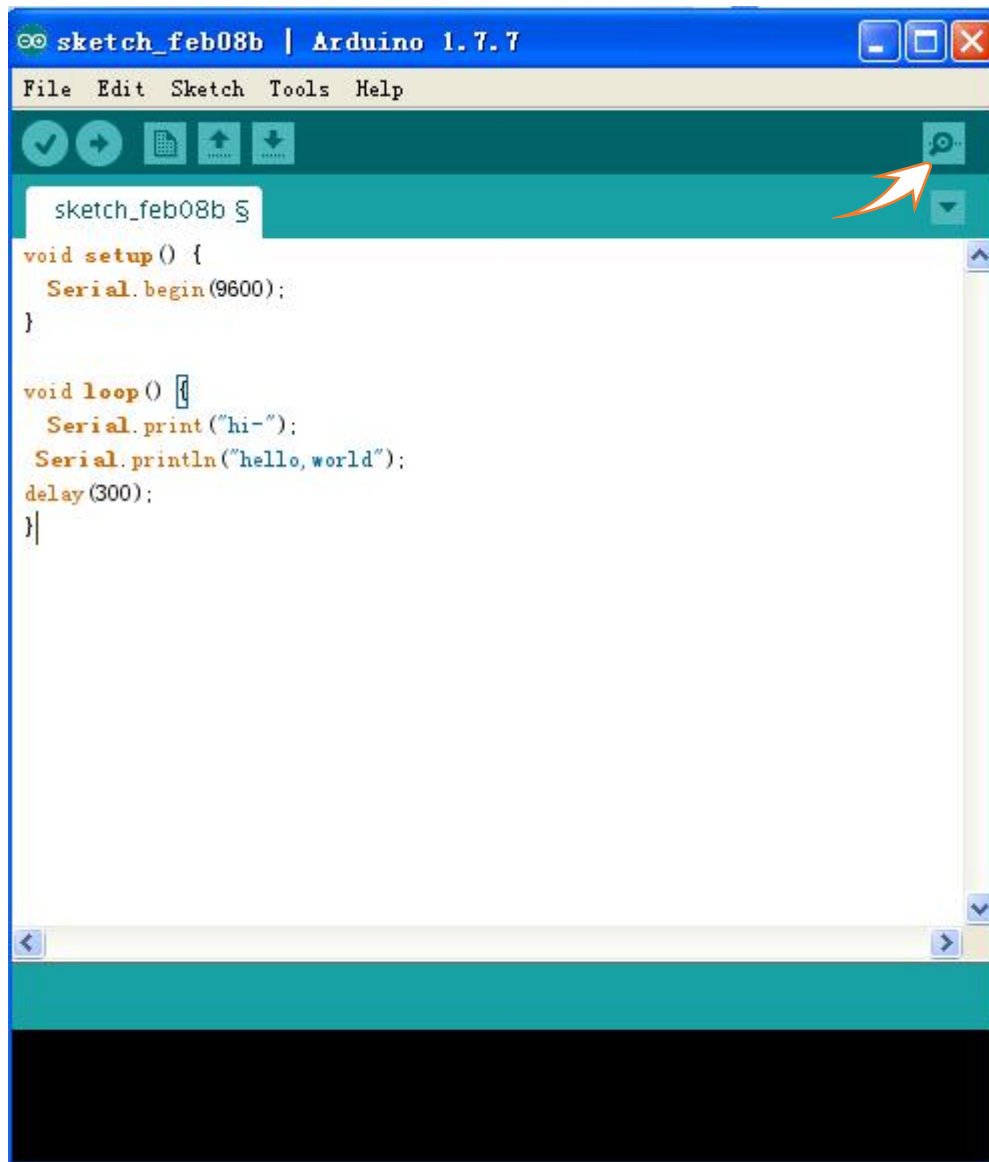# The Serial Monitor

Overview

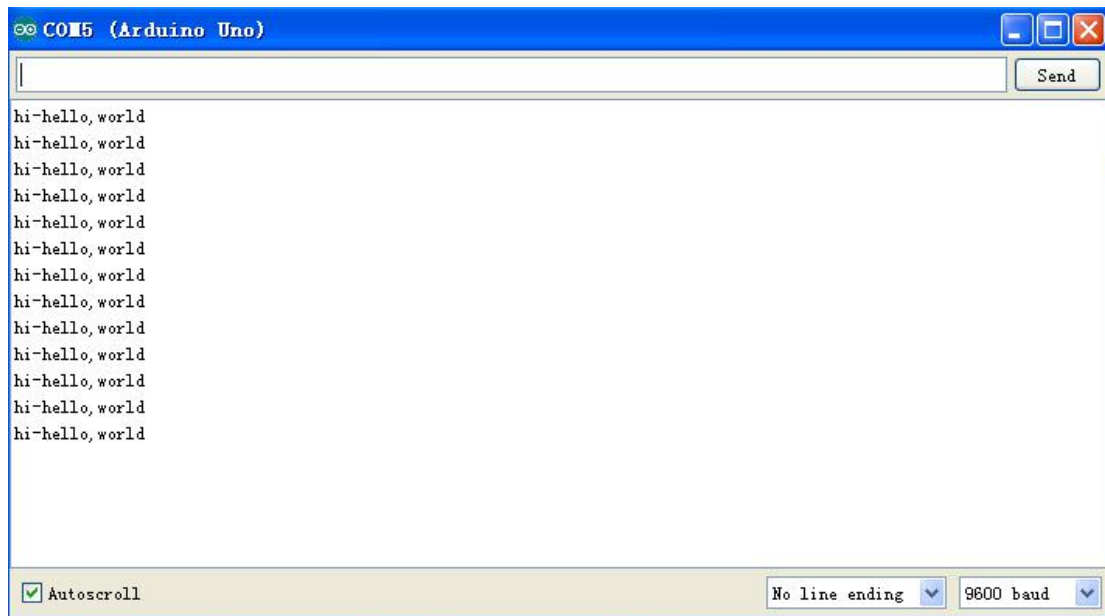This course you will learn to use the serial monitor to print out the text

Steps taken

After you have uploaded this sketch onto your MEGA2560, click on the right-most button on the toolbar in the Arduino IDE.

The following window will open.

Click the Serial Monitor button to turn on the serial monitor. The basics about the serial monitor are introduced in details in "Arduino IDE useful manual".

This window is called the Serial Monitor and it is part of the Arduino IDE software. Its job is to allow you to both send messages from your computer to an MEGA2560 board (over USB) and also to receive messages from the MEGA2560.

Code

After wiring, please open program in the code folder- "The Serial Monitor"and click UPLOAD to upload the program. See "Blink" for details about program uploading if there are any errors.

In the 'setup' function,we must first initialize the serial baud rate.it is necessary

```
void setup() {

    Serial.begin(9600);

}
```

```
void loop() {

    Serial.print("hi-");

  Serial.println("hello,world");

delay(300);

}
```

Serial .println（val）：

It will show and switch the next line

Serial.print（val）

It will show but it will not switch the next line