

Program compilation and upload

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Device connection

Hardware connection

Software connection

Program Compilation

Program Upload

Before compiling and downloading the program, we need to connect the Arduino Uno development board in advance.

Device connection

Hardware connection

Use a Type-B data cable to connect the Arduino Uno and the computer.

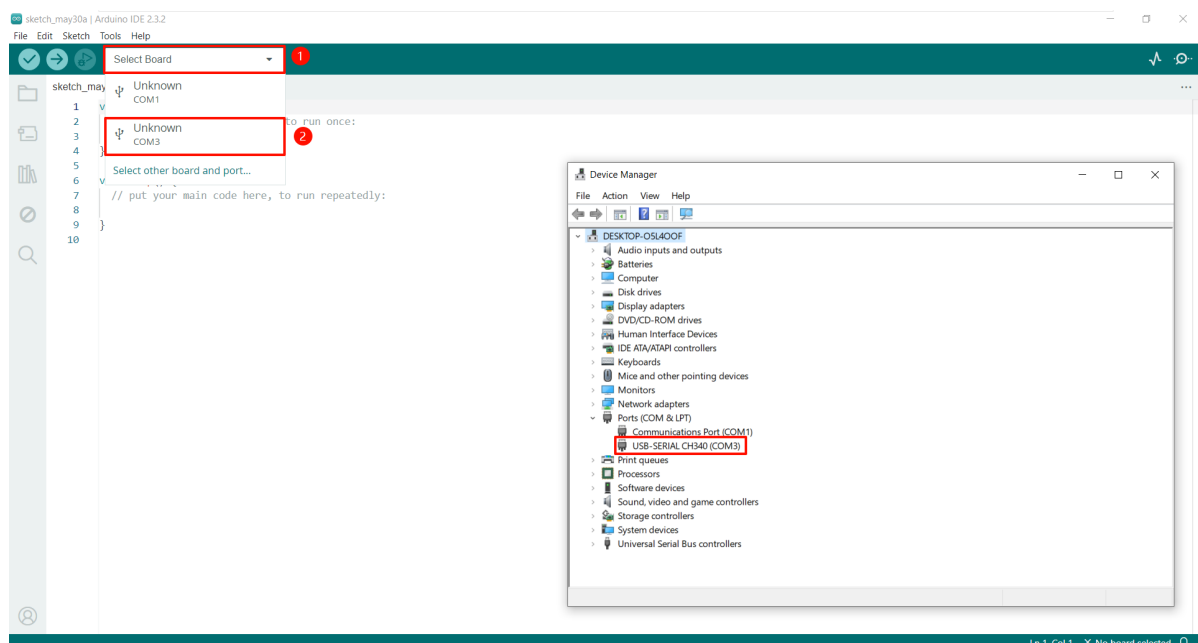
Software connection

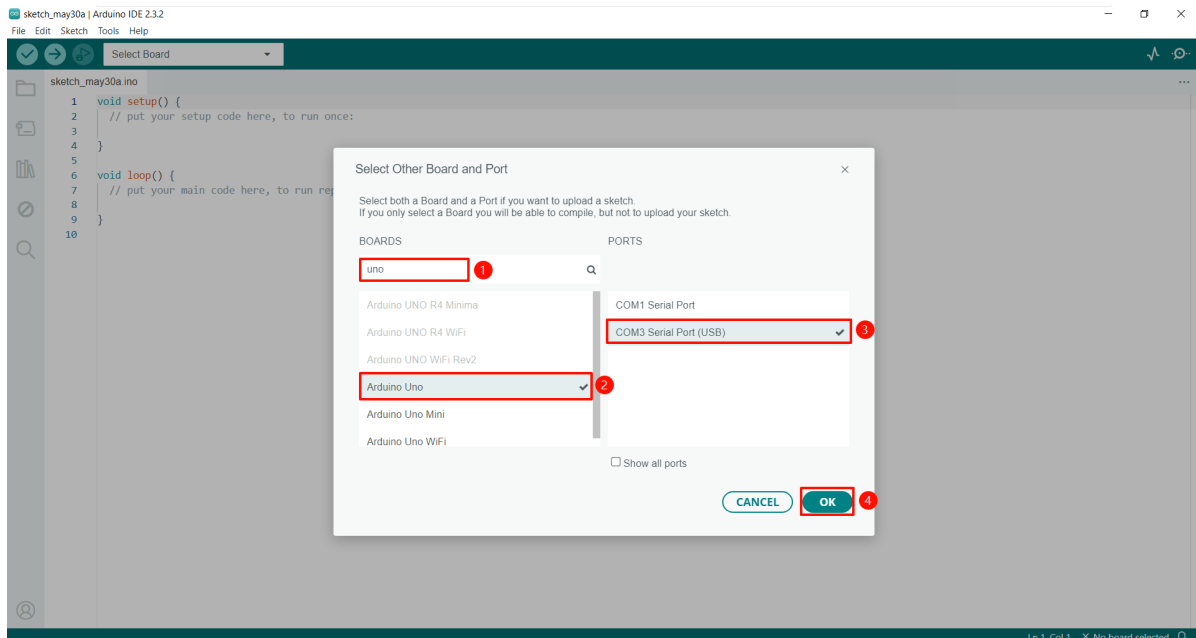
Open the "Arduino IDE" software and select the model and serial port number corresponding to the development board:

Development board selection: Click Tools → Board → Arduino AVR Boards → Arduino Uno

Serial port number selection: Click Tools → Port → COM3

Please select the serial port device according to the serial port number recognized by your system. The device manager in the lower right corner will prompt how to find the serial port corresponding to Arduino Uno.

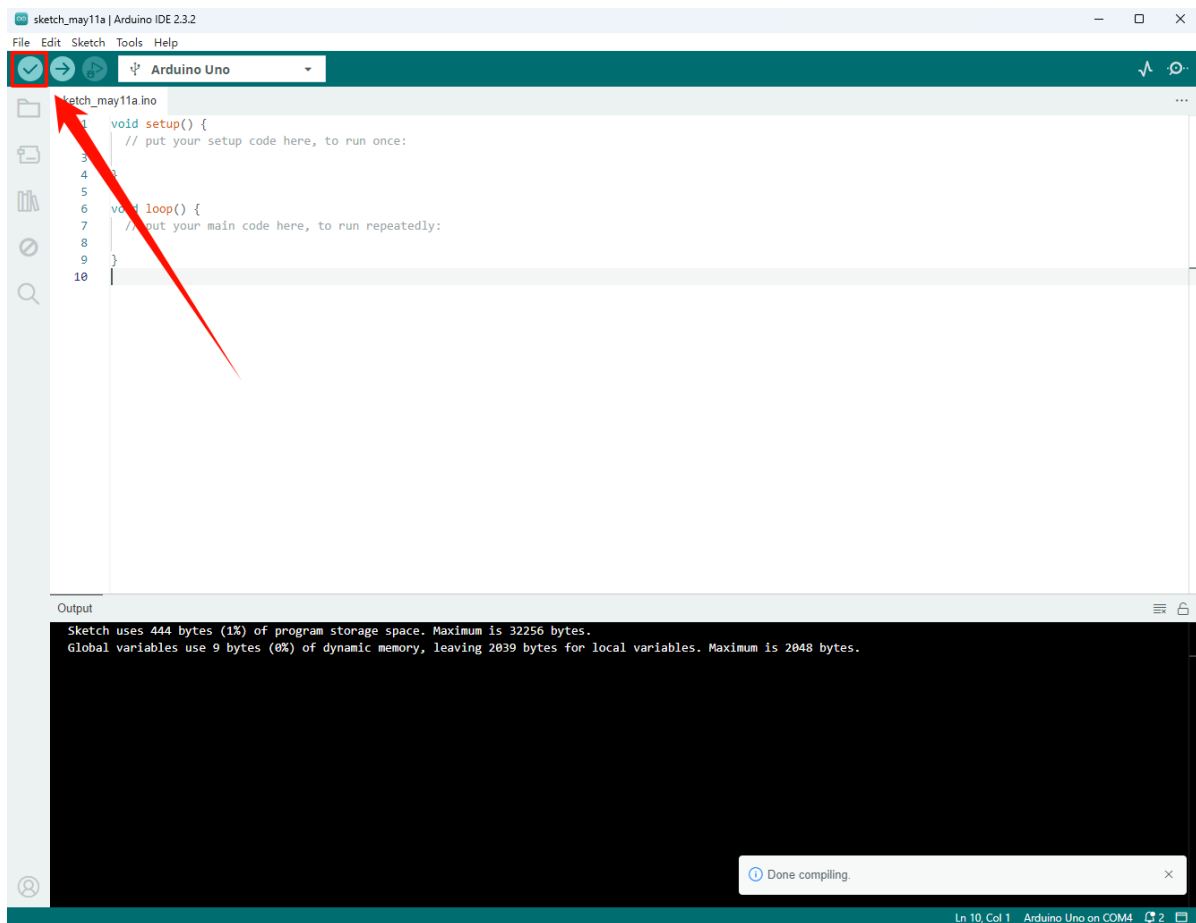




Program Compilation

After the program is written, we need to compile it first. After the compilation is successful, we can proceed to the next step of program download.

Compilation can detect whether there are syntax errors in the code!



Program Upload

Click Program Upload, the program will be uploaded to the Arduino Uno development board we connected before, and the upload completion prompt will appear after the program is successfully uploaded!

