

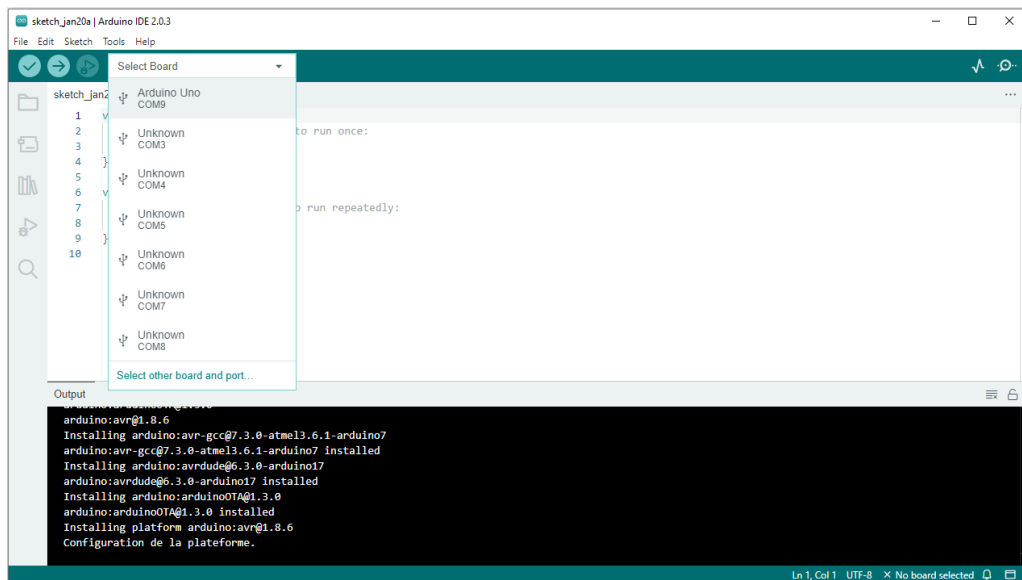
How to use Arduino IDE to upload CyanoTimer program to an Arduino Uno

During installation (at least on a computer running Windows) you will be asked to approve installation of various drivers, and a change in firewall rules.

You can also find documentation here : <https://docs.arduino.cc/software/ide-v2>

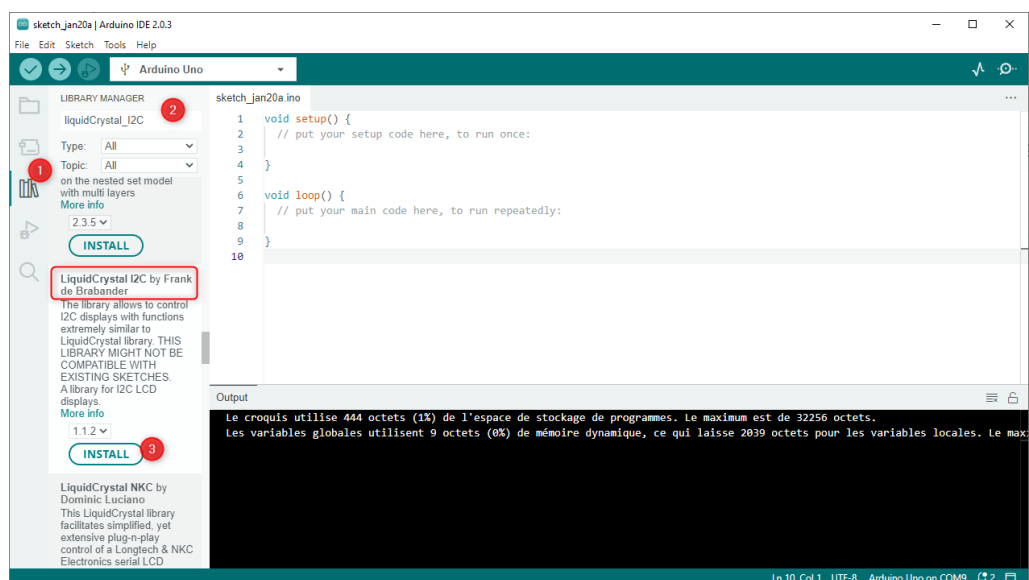
It's time to plug your Arduino into one USB port of your computer. In most case you won't see anything else that one or two LEDs turned on.

Open the list box « Select Board » and select « Arduino Uno »

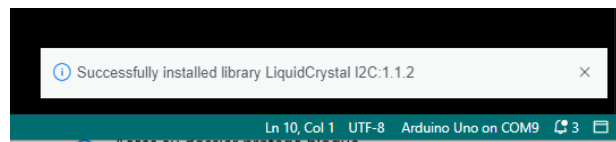


Now it is time to install the LiquidCrystal library that will handle for us all the communication with the LCD module.

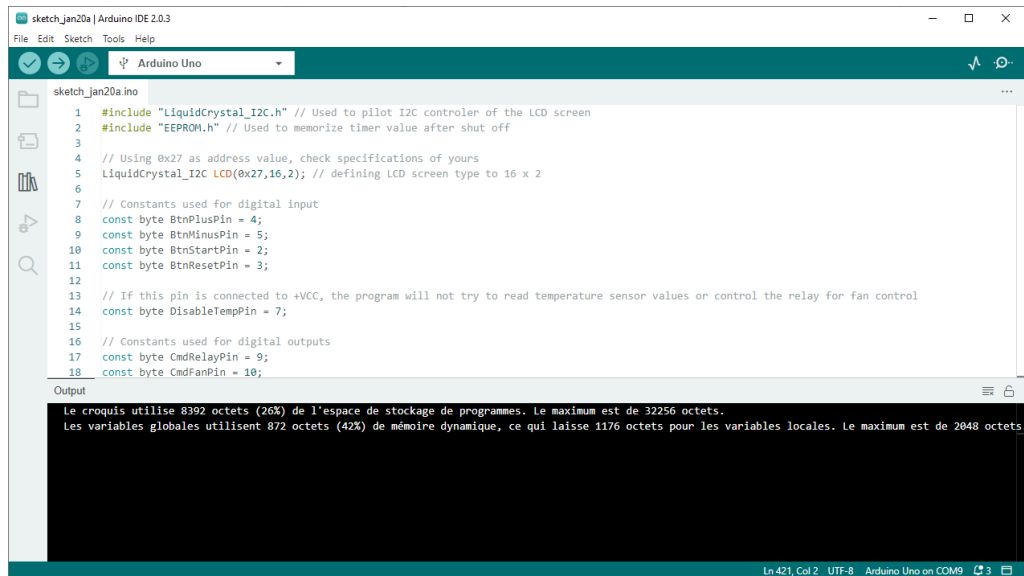
Click on the « Library » icon on the left menu, type « LiquidCrystal I2C » in the search field, scroll down to find « LiquidCrystal I2C by Franck de Brabander » and click « Install »



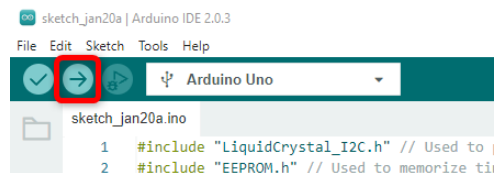
You should see a confirmation message after a successful install :



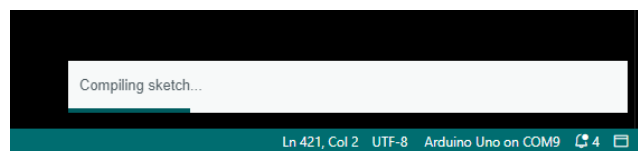
Now select the content of the file « CyanoTimer.ino » and paste it into Arduino IDE :



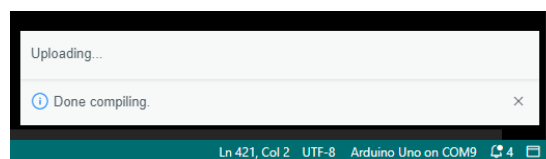
Click on the « Upload » button to compile and upload the program to the Arduino :



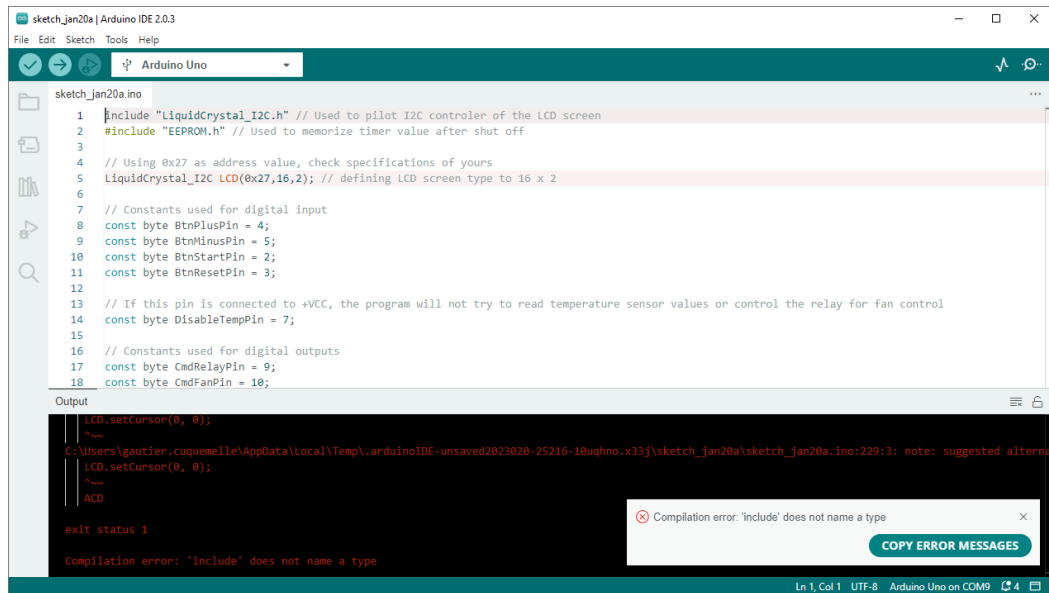
The software will compile the program :



Then upload to the Arduino :



If you see some errors, check that you don't miss a character when pasting the code (example behind : missing « # » character at the beginning of the first line :



Check also in the library module that « LiquidCrystal I2C » is properly installed :

