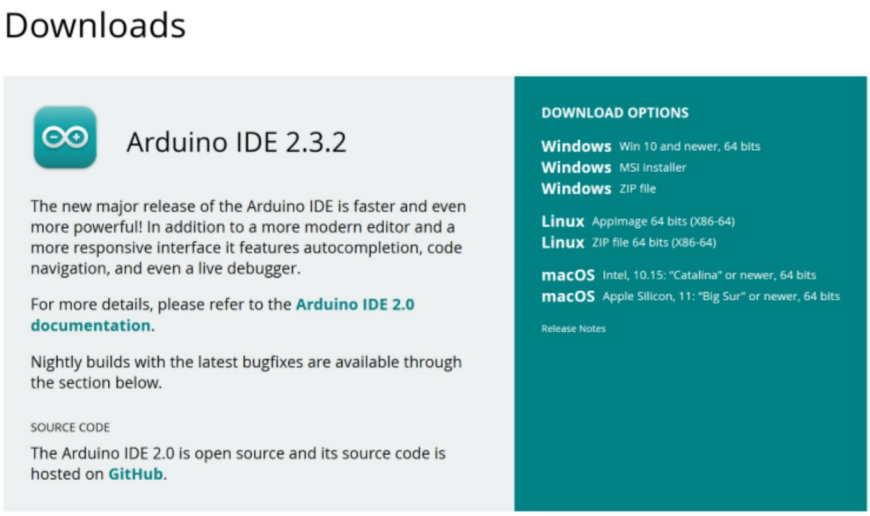
Software instructions - in english

Install Arduino IDE
https://www.arduino.cc/en/software

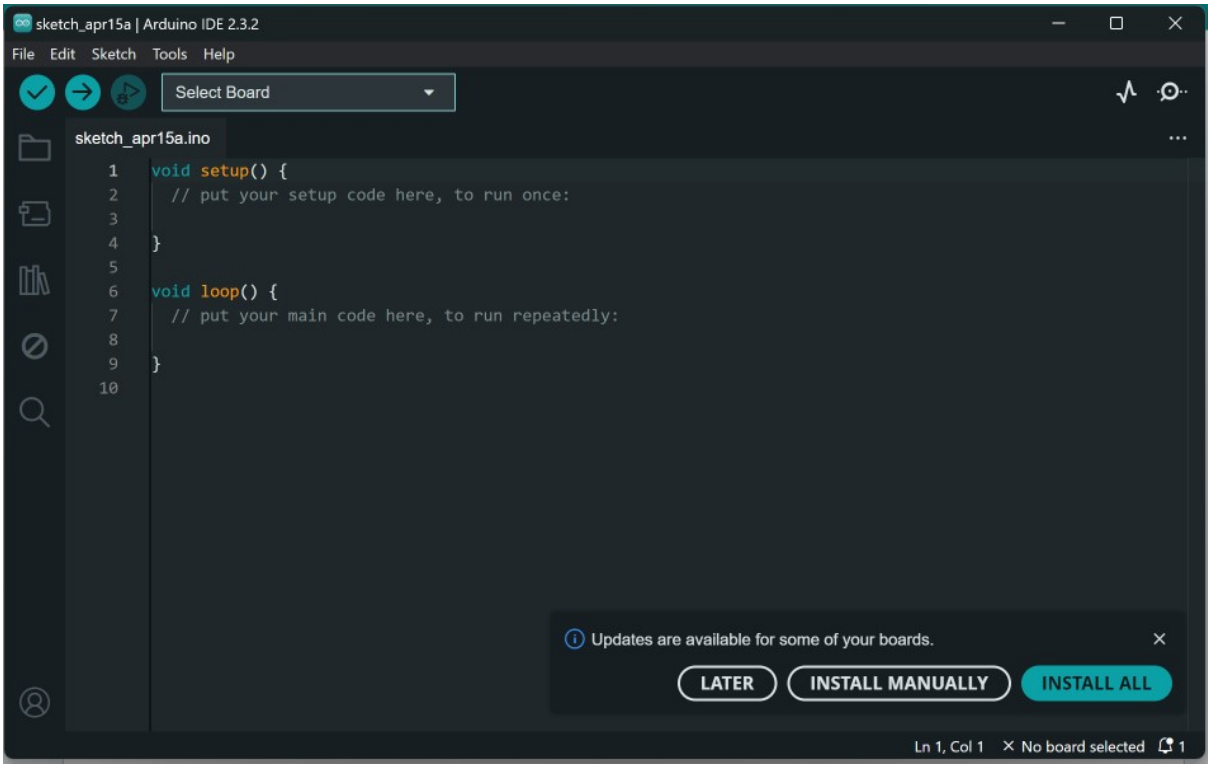
Choose your operating system



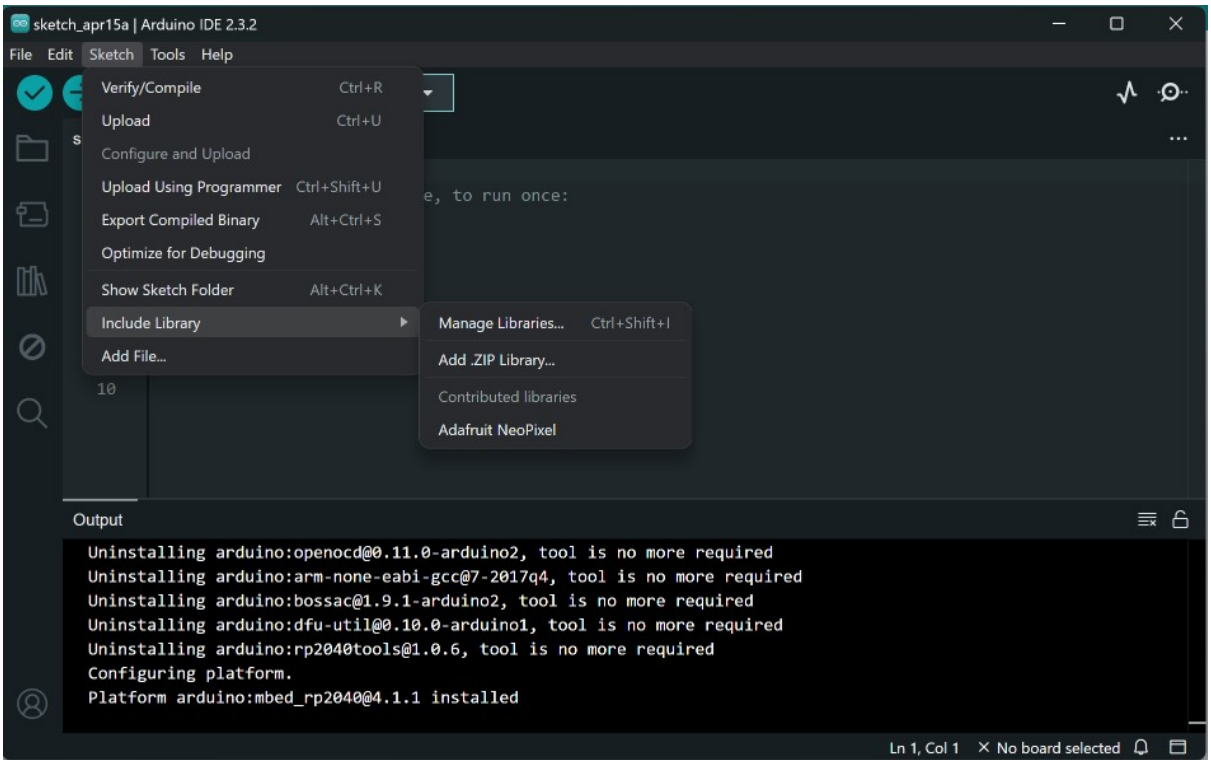
Choose “Just Download”

Start installation by clicking the downloaded file either in the file system or in the top right “downloads” view of your browser.

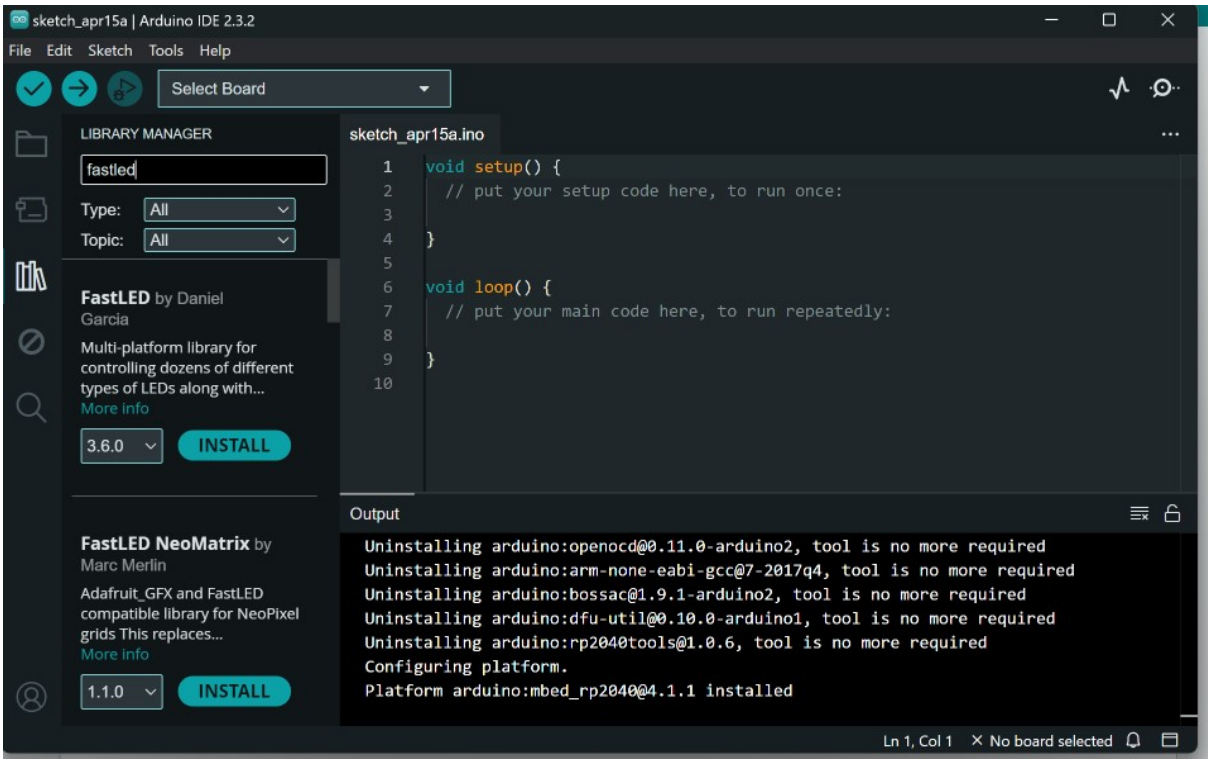
Installation will ask permission, installation path etc. you can go with defaults.



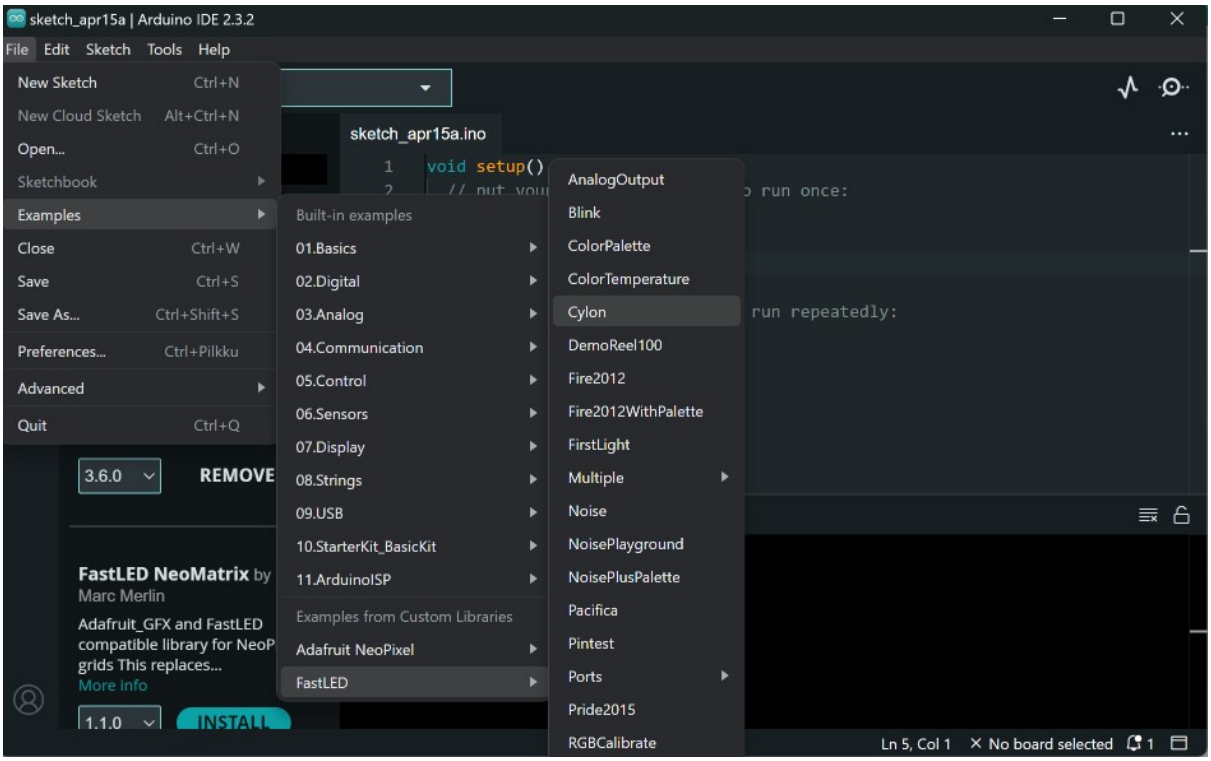
If you get a similar pop up on the bottom right corner, you should let the IDE do these updates..



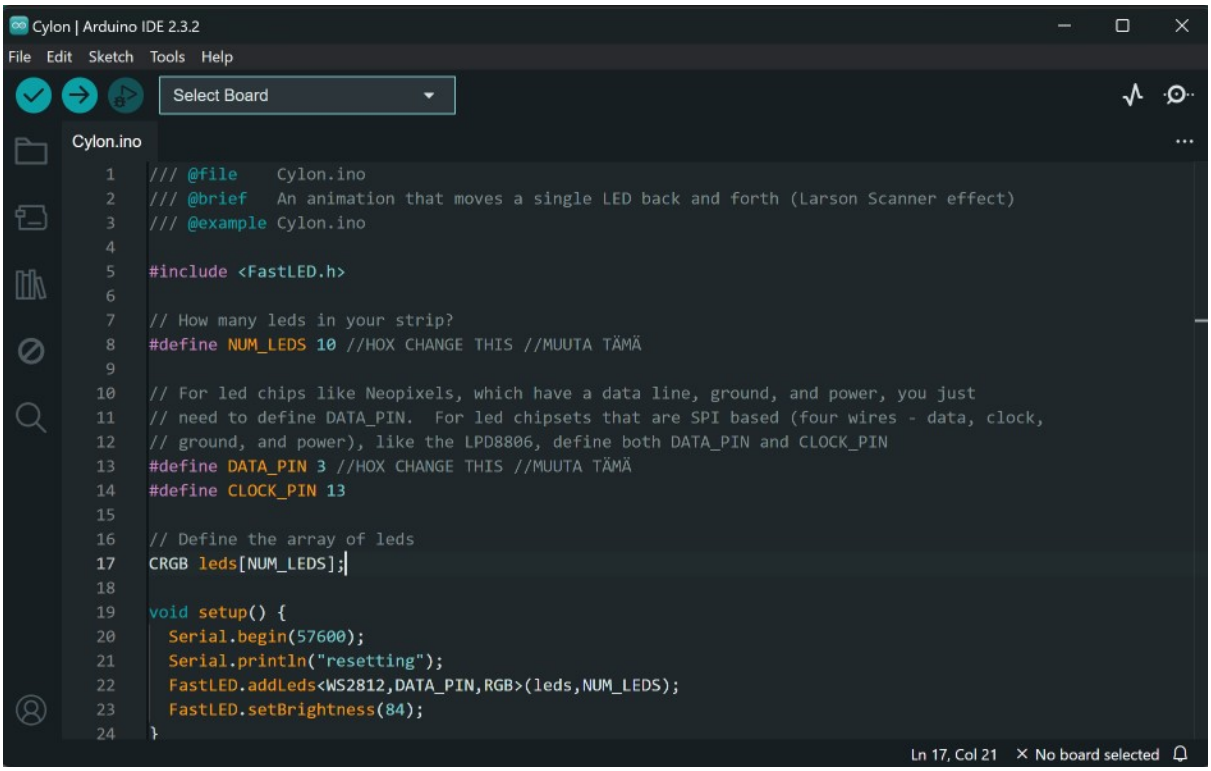
Choose Sketch->Include library->Manage Libraries



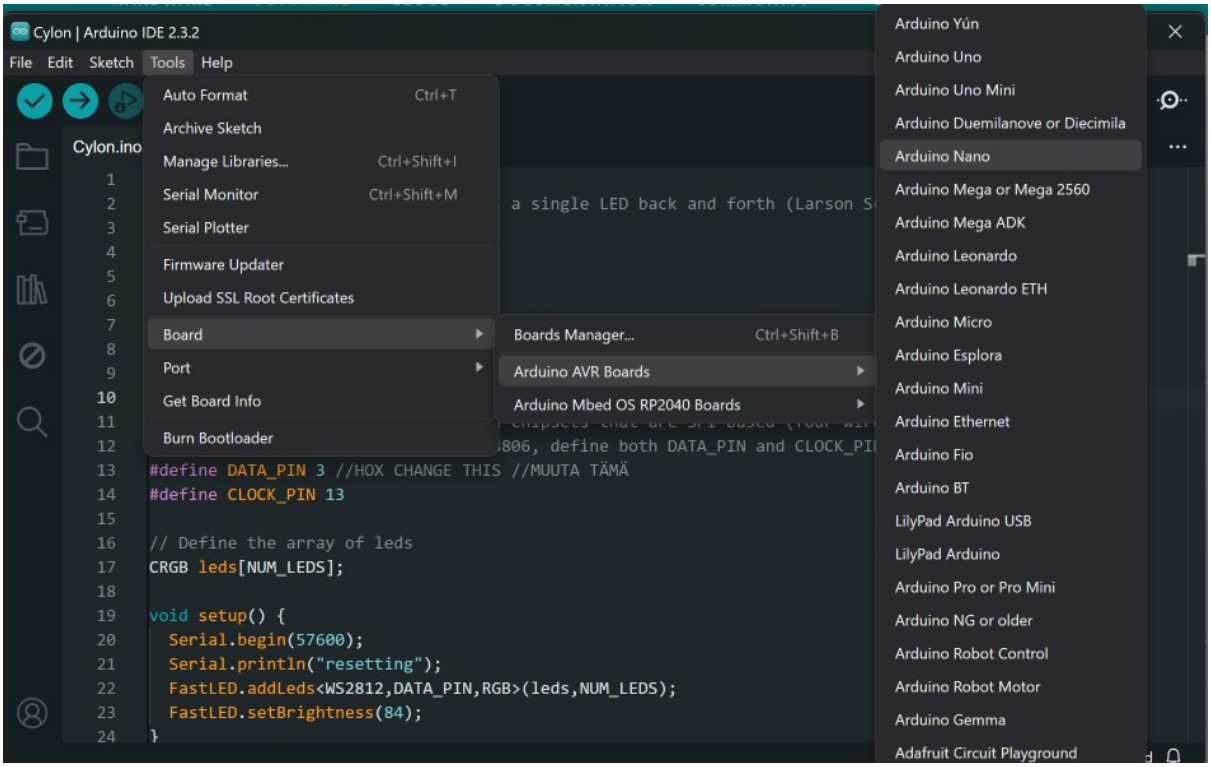
Search for Fastled library and install newest (default) version.



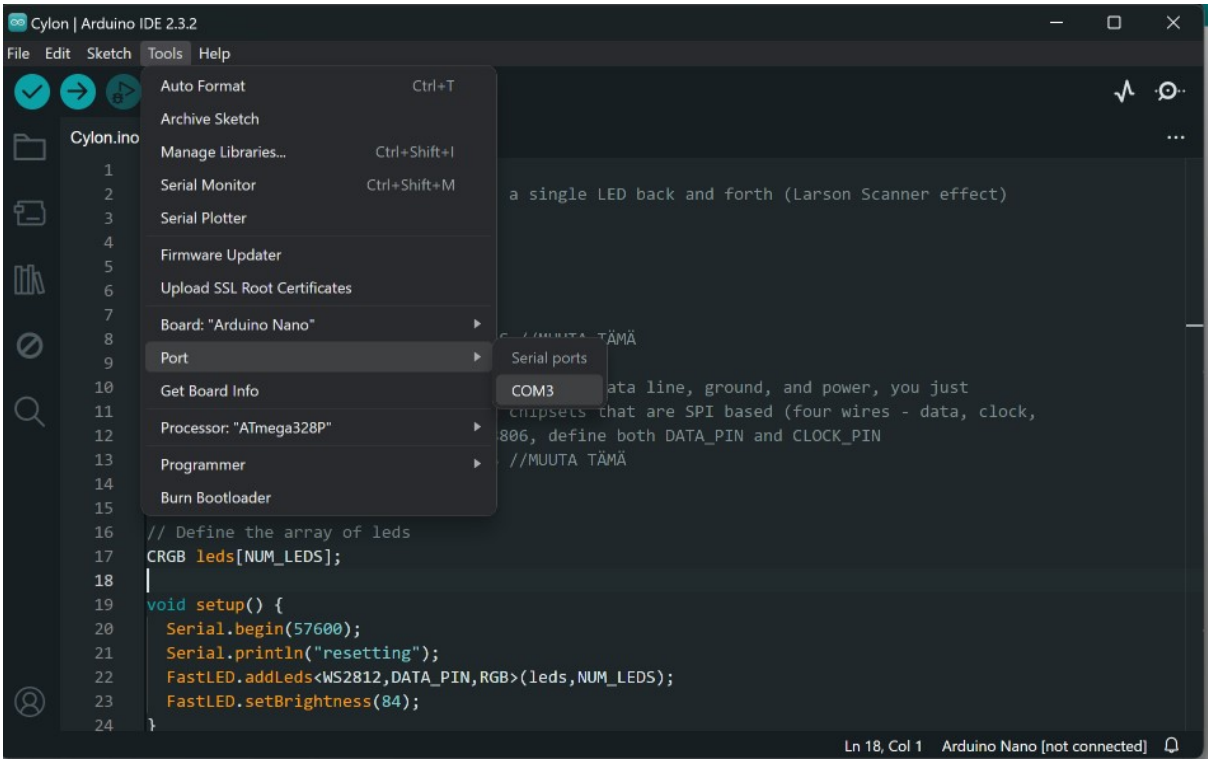
Choose: File-> Examples->FastLED->Cylon



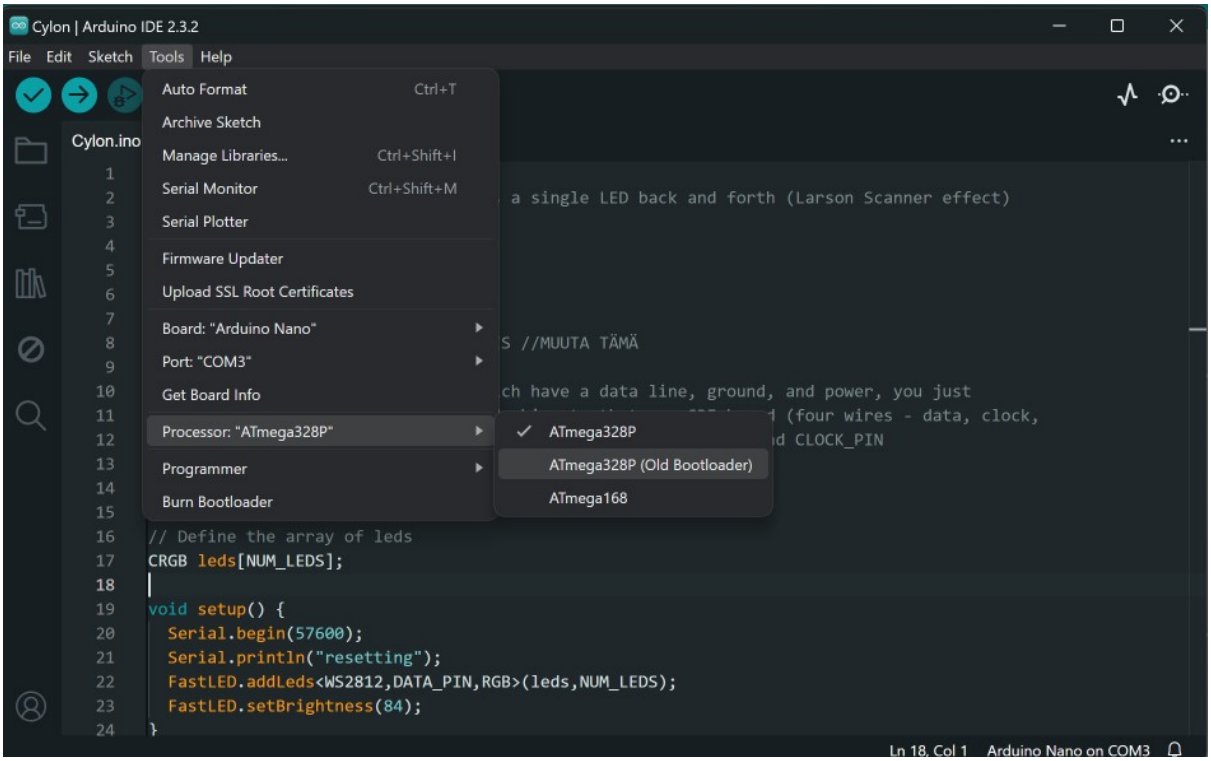
This code file should open. Change DATA_PIN on row 13 to be number 3 (since data line is soldered to pin 3) and NUM_LEDS on row 8 to number 10 (Or if you got different number of leds just enter that number here)



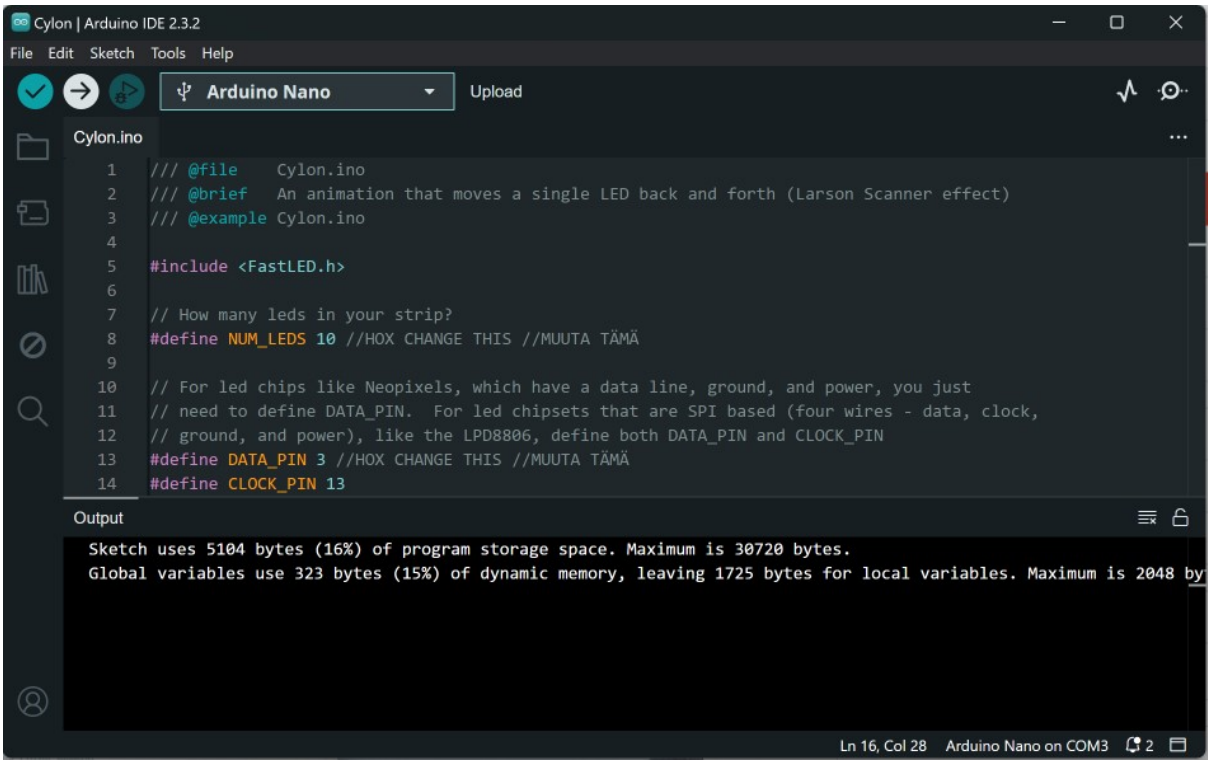
Connect the device to your computer with a USB cable. Choose according to picture: Board->Arduino AVR Boards->Arduino Nano



Then we choose the port: Tools->Port->COM”X” where “X” can be any random number.



We still have to change the bootloader:
Tools->Processor: “ATmega328P”->ATmega328P (Old Bootloader)



Then you can click the rightwards arrow on the top left corner. On the right bottom corner you should see a prompt that says something like loading success and the led strip should light up.

If programming/loading is successful but leds are not lighting up please check your solder joints.

If you get any error messages on the bottom right corner or on the OUTPUT field please try to click the arrow symbol again. If this does not help and you see a red error message on the OUTPUT field that says something about COM ports you have the wrong version of the USB driver. Move to the next paragraph.

If USB driver is causing gray hairs you can pick functioning driver from here:
[How to Install CH340 Drivers - SparkFun Learn]