

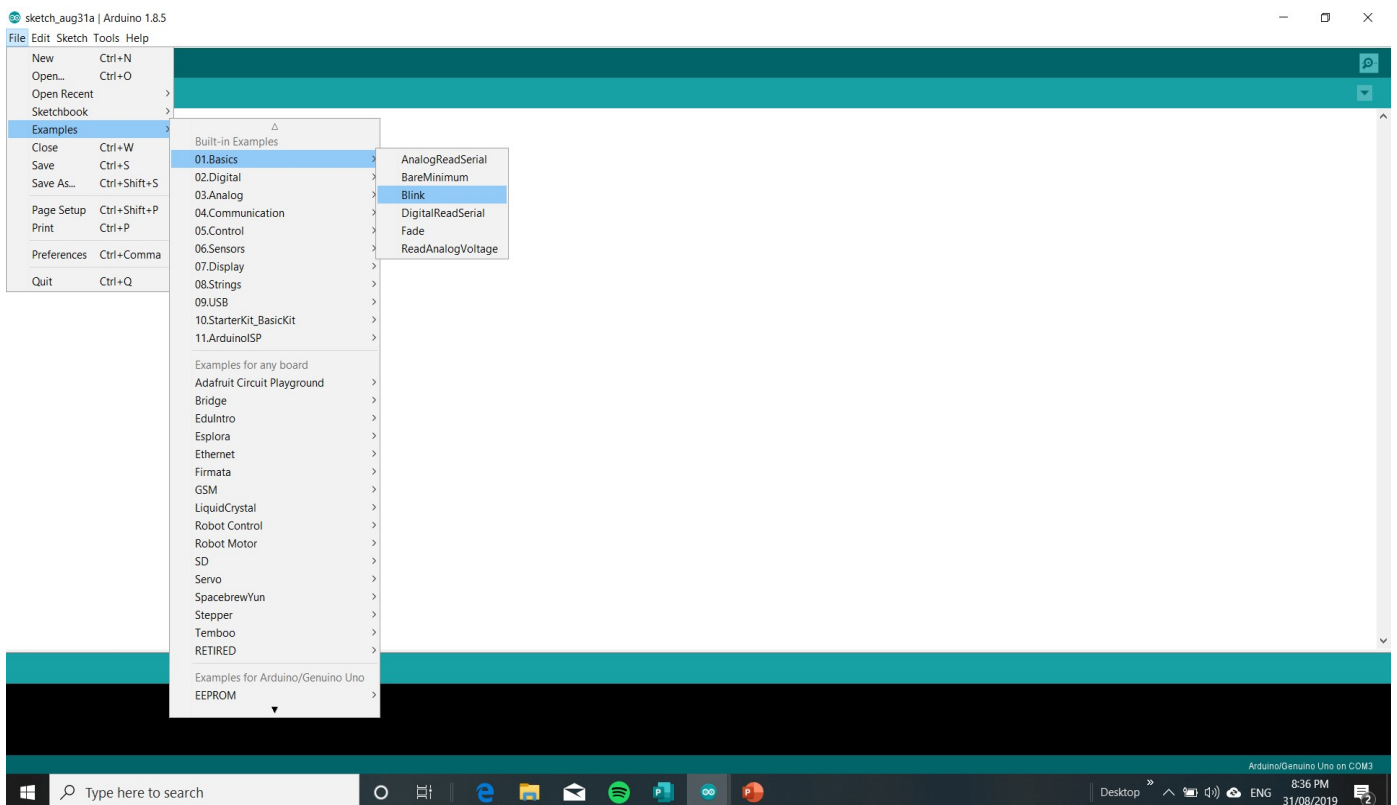
Getting started with Arduino

Pat McMahon – V2 - 1/9/2019

- Buy or get an Arduino board.
- Download the free “Arduino IDE” software.
- Connect the board to your PC via USB Cable.
- In the Arduino IDE software: under Tools
 - Select your board type: ie Arduino/Genuino Uno etc.
 - Select your COM port: ie COM port 3
 - Select your programmer: ie ArduinoISP
 - Type in your “Sketch” or copy & paste one in the IDE.
 - Compile and Upload your sketch.

The following, uses the examples in the Arduino IDE, as a quick start.

Go to File > Examples > 01.Basics > Blink



The Blink Sketch will appear, maximise. Click the  Upload Button and see the sketch run (the onboard green LED will Blink).

Try and change the Blink rate by changing the pause in milliseconds (1sec=1000 milliseconds) in the sketch, up and down.

Add an external LED and attach the leads to GND and D13 (on Uno & Nano). It will Blink along with the small onboard, green LED.

Congratulations, you have now successfully, Got started with Arduino.