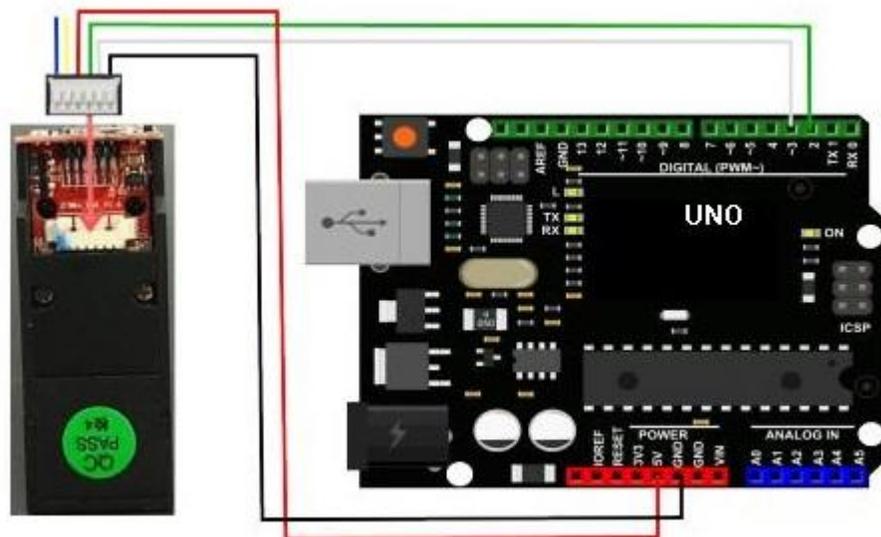


### Application :Biometric Fingerprint Sensor for Arduino



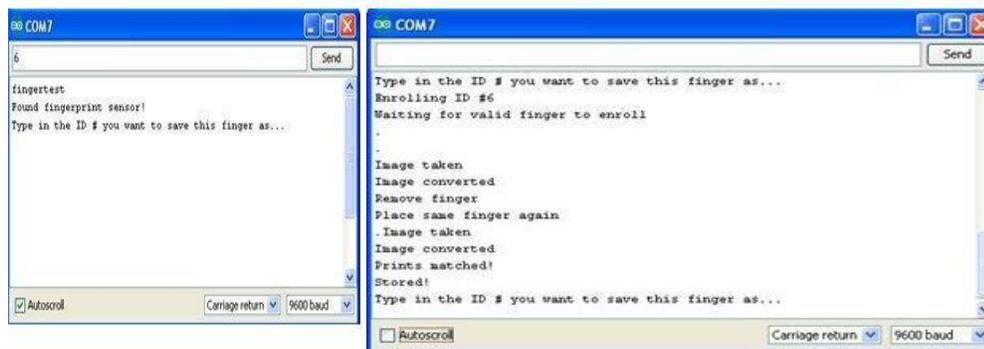
Fingerprint Pin	Arduino UNO Pin
VIN ( RED)	5V
TD (GREEN)	Digital Pin 2
RD (WHITE )	Digital Pin 3
GND (BLACK )	GND

#### Instruction :

1. Make a connection as shown in a figure and table above.
2. Connect the Arduino UNO to power supply.
3. You can download the code from Adafruit\_library .

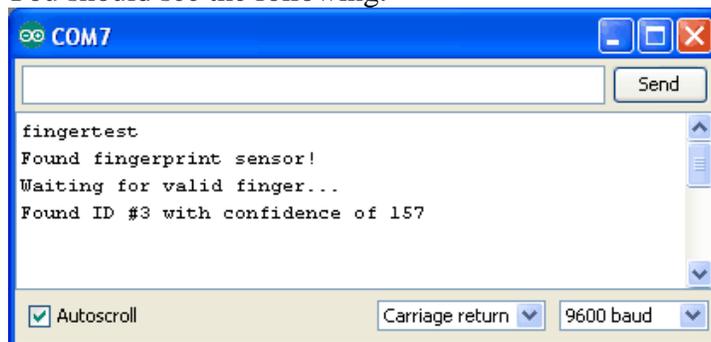
#### Enroll your fingerprint:

1. Once you've restart, you should be able to select the File>Examples>Adafruit\_Fingerprint>enroll
2. Upload the code into the arduino.
3. Open up the serial monitor at 9600 baud and choose "carriage return".
4. Place your finger against the sensor to enroll.
5. Make sure you type the "#", followed by any number you want.



Search the fingerprint:

1. Select  
File>Examples>Adafruit\_Fingerprint>fingerprint
2. Upload it into the arduino as usual.
3. Place your finger against the sensor to fingerprint. The green LED on fingerprint will light up.
4. Open the serial monitor, type your ID to find your fingerprint.
5. You should see the following.



6. The confidence shown means the score number (0-255) that indicates how good of a match of your fingerprint.

Delete the fingerprint:

1. Select and upload the code in this library  
File>Examples>Adafruit\_Fingerprint>delete.
2. Delete the ID number you desire in the serial monitor.