<https://www.researchgate.net/post/How_can_I_save_data_directly_in_the_pc_using_an_Arduino_UNO>

in the arduino code initalize the serial lib in the setup method

Serial.begin(9600);

and write your sensor values to the serial interface using

Serial.println(value);

in your loop method

on the processing side use a PrintWriter to write the data read from the serial port to a file

import processing.serial.\*;

Serial mySerial;

PrintWriter output;

void setup() {

mySerial = new Serial( this, Serial.list()[0], 9600 );

output = createWriter( "data.txt" );

}

void draw() {

if (mySerial.available() > 0 ) {

String value = mySerial.readString();

if ( value != null ) {

output.println( value );

}

}

}

void keyPressed() {

output.flush(); // Writes the remaining data to the file

output.close(); // Finishes the file

exit(); // Stops the program

}

please refer to the attachments for further detail.

Regards

[http://www.hackerscapes.com/2014/11/how-to-save-data-from-arduino-to-a-csv-file-using-processing/](https://www.researchgate.net/deref/http%3A%2F%2Fwww.hackerscapes.com%2F2014%2F11%2Fhow-to-save-data-from-arduino-to-a-csv-file-using-processing%2F)

https://github.com/christopherfan/GatherRing/blob/master/BufferRecorder/BufferRecorder.ino

* “clock module” para guardar el tiempo