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1  <?php
2  /**
3  *Remember to go to Device Manager> Ports (COM & LPT)>Arduino XXX (COMXX)>right
   click>Properties>
4  *Port Settings>Advanced>uncheck "use FIFO buffers ....."
5  * In other hand, remeber that the Tx speed has to be the same in PhpConnect.php, in
   Arduino sketch and in the COM
6  * properties in Device manager, I selected 115200 b/s.
7  *
8  */
9  $output = exec("mode COM3: BAUD=115200 PARITY=N data=8 stop=1 XON=off TO=on dtr=off
   odsr=off octs=off rts=on idsr=off");
10 $fp = fopen("COM3", "r+");
11 if (!$fp)
12 {
13     exit("Unable to establish a connection");
14 }
15 // RX form PC*****
16 $t = $_POST['text1'];
17 // TX to Arduino*****
18 $writtenBytes = fputs($fp, $t);
19 sleep(1); //cuando quite el sleep se arreglo la demora de 1 minuto
20 // RX from Arduino*****
21 $j=0;
22 $dataset1 = [];
23 while (!$buffer=stream_get_line($fp,400,">")) { 1; }
24 // TX to PC*****
25 $piecesa = explode(",", $buffer);
26 foreach ($piecesa as $value) {
27     $dataset1[$j] = $value;
28     $j++;
29 }
30 $myJSON = json_encode($dataset1);
31 echo $myJSON;
32 fclose($fp);
33 ?>

```