

```

import de.bezier.data.sql.*;
import processing.serial.*;

// this sketch needs the Arduino sketch "Termistore_Database"
// See MySQL database "test", table "temperature"

int temp = 0;
int smoke;

Serial port;
String buffer = "";
PFont font;

MySQL dbconnection;

void setup() {
  size( 100, 100 );
  font = createFont("Georgia", 32);
  fill(255);
  textFont(font, 32);
  textAlign(CENTER, CENTER);
  text("!@$%", width/2, height/2);
  //println(Serial.list());
  String arduinoPort = Serial.list()[0];
  port = new Serial(this, arduinoPort, 9600);
}

void draw() {
  background(0);
  if (port.available() > 0) {
    int inByte = port.read();
    if (inByte != 10) {
      buffer = buffer + char(inByte);
    }
  }
  else {
    if (buffer.length() > 1) {
      buffer = buffer.substring(0,buffer.length() -1);
      temp = int(buffer);
      smoke =int(buffer);
      buffer = "";
      port.clear();

      String user   = "root";
      String pass   = "dilcintern";
      String database = "variable";
      // connect to database of server "localhost"

      dbconnection = new MySQL( this, "127.0.0.1", database, user, pass );

```

```
mCon();

}
}
}

public void mCon(){
try{
    if ( dbconnection.connect() ) {
        // now send data to database

        dbconnection.execute( "INSERT INTO temperature (valore) VALUES ("'+temp+"');" );

        delay(60000);

    }
} catch(Exception e){
    mCon();
}
}
```