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| 1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24  25  26  27  28  29  30  31  32  33 | /\* How to use the DHT-22 sensor with Arduino uno  Temperature and humidity sensor  More info: <http://www.ardumotive.com/how-to-use-dht-22-sensor-en.html>  Dev: Michalis Vasilakis // Date: 1/7/2015 // [www.ardumotive.com](http://www.ardumotive.com/) \*/  //Libraries  #include <dht.h>  dht DHT;  //Constants  #define DHT22\_PIN 2 // DHT 22 (AM2302) - what pin we're connected to  //Variables  float hum; //Stores humidity value  float temp; //Stores temperature value  void setup()  {  Serial.begin(9600);  }  void loop()  {  int chk = DHT.read22(DHT22\_PIN);  //Read data and store it to variables hum and temp  hum = DHT.humidity;  temp= DHT.temperature;  //Print temp and humidity values to serial monitor  Serial.print("Humidity: ");  Serial.print(hum);  Serial.print(" %, Temp: ");  Serial.print(temp);  Serial.println(" Celsius");  delay(2000); //Delay 2 sec.  } |