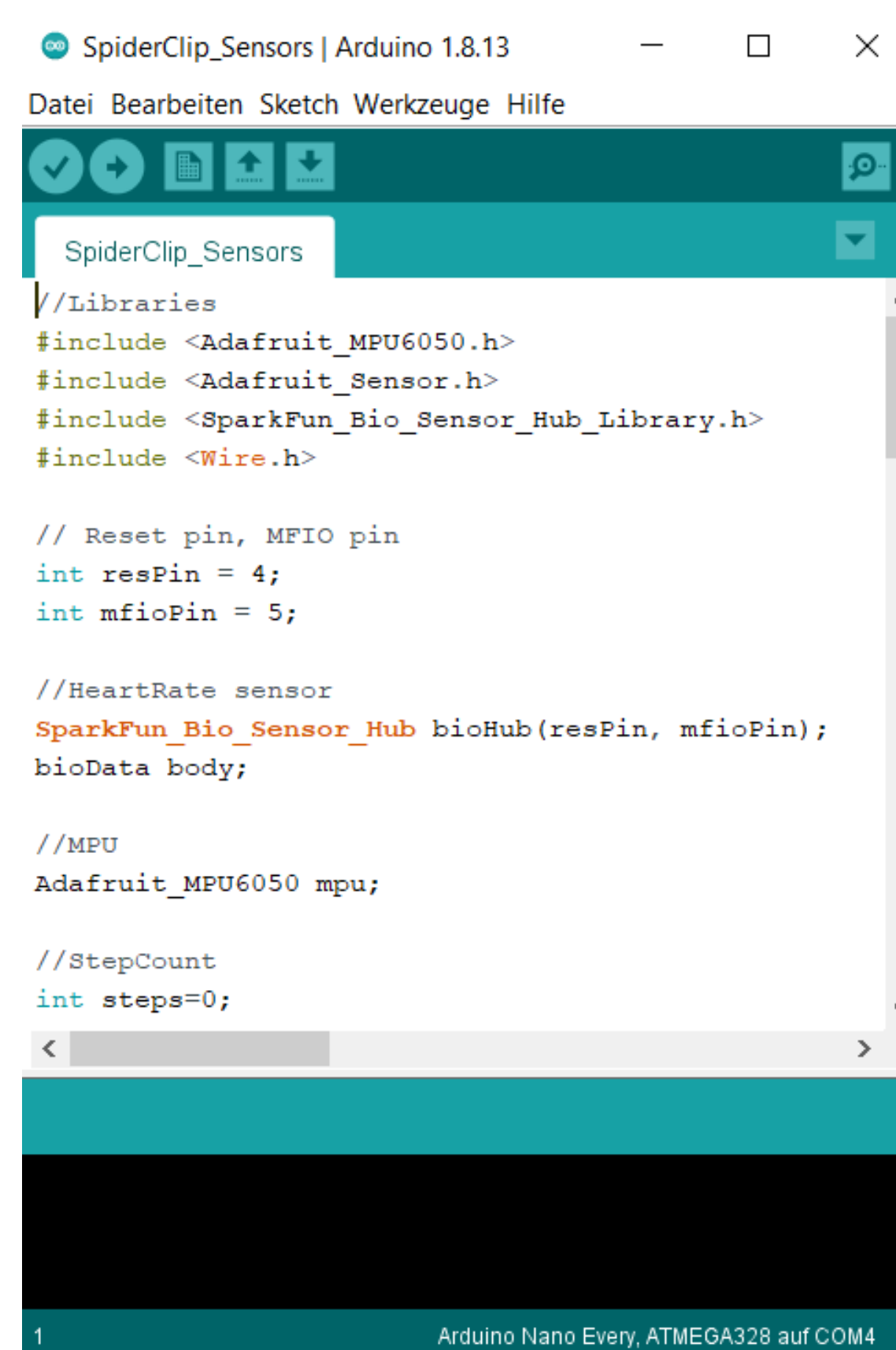


## 2. SpiderClip-Sensor Source Code

In this chapter the source code for the Arduino is explained. The download link to the source code can be found here:

[https://github.com/D-Queck/SiderClip\\_Sensor](https://github.com/D-Queck/SiderClip_Sensor)  
- Sparkfun Pulse Oximeter and Heart Rate Sensor

First you have to download some libraries to make the source code work. It is based on several libraries (see screenshot 1 highlighted).



Screenshot 1

Via the tab „Sketch“ - „Include library“ - „Manage library“ you can add the missing libraries. You need the following libraries:

1. <Adafruit\_MPU6050.h>
2. <Adafruit\_Sensor.h>
3. <SparkFun\_Bio\_Sensor\_Hub\_Library.h>
4. <Wire.h> (Should be already installed)

Now you can load up the sketch on the Arduino.