**Exam 1**

Get calibration factor

**Note**: Please update the python code for more error message display.

1. There are two calibration data set. One is for simple linear regression and another is for two segments regression. Please get the calibration factor from the two data set and past them to the google sheet. (Maximum concentration is 200) You can get the google sheet link from “GoogleSheetAndAPI.xlsx”.
   1. Which data set is simple linear regression?
   2. What are the regression factors of AL-0216 in data set 2? Slope, intercept and R^2

Data cleaning

**Note**: Please update your own calibration factor API

* + - 1. There is a AS-Lung device do not have calibration factor. The AS-Lung id is **\_\_\_\_\_\_\_\_\_\_\_\_**
      2. How many sample size of AS-Lung device at the sampling date of 2018-08-30? (See the log file in the log folder)
      3. Which of the sampling date and AS-Lung ID has less 80% data recovery? (See the log file in the log folder)