# Coding Task Assignment

1. Write a standalone application which is able to parse the provided CSV files and sends the parsed data to a Web service (see 2). The result which is returned by the Web service should be stored within a new file.
   Each CSV file consists of a header row which defines the column names followed by the actual data rows. Each CSV file also has a column named '*label*' which assigns each data row to a group.
2. Write a Web service which accepts the parsed data (see 1) and calculates the median value for each column grouped by the '*label*' column.
3. (Optional)
   a. Write a Web UI front-end which allows to inspect past queries made to the Web service
      **OR**
   b. Write a Swing UI for the file upload which allows the selection of a CSV file, displays its contents in a table, and a button to trigger the Web service call.

Hints:

- Feel free to choose any technological stack you feel comfortable with
- The Web service data exchange format choice is up to you
- The implementation does not need to cover all corner cases and possible errors. Instead a short comment should cover the omitted parts.
- In case of any questions do not hesitate to contact us