

# Javascript Exercise

## *Madlan, August 2015*

### 1. Introduction

This task is intended to test your ability and knowledge in basic client development in Javascript, as well as your reasoning about UI questions.

It is not supposed to be difficult or take too much time, and there is no need to hurry. If anything is unclear, please ask.

### 2. General instructions

Please use this exercise to express your knowledge and habits of programming.

Specifically, it would be nice (but not mandatory) to make some use of

- JQuery
- Underscore (or Lodash or some other data-processing library)
- possibly also a UI framework that you like (React, Backbone, etc.)

Please also take the time to think about visual design, user experience and usability. Please keep your design decisions simple.

### 3. Details

The supplied JSON contains a list of books. Your task is to write a single-page web application for book search. It should have basic functionalities of the following kinds:

- get the list of books which satisfy some user-specified criteria
- display some basic details about every book in this list
- sort the list in different ways
- compute and display some statistics about the list

#### 3.1. Bonus

If you can, please do not use the supplied JSON, but rather get the data (or similar data) from the Google Books API: <https://developers.google.com/books/>. Please add a search box, to choose which kind of books to get from that API (e.g., books about "Javascript").

### 4. Thanks!