# Assignment

There are several CSV files with a list of most popular articles from various publishers enriched with readers' engagement. Fields in these CSV:

1. Id - ID of the article
2. Source_id - ID of the publisher of the article
3. Source_name - name of the publisher of the article
4. Title - title of the article
5. Content - content of the article
6. Published_at - publication date of the article

Content and title does not contain delimiter of the CSV file. Create a java application which meets the following requirements.

1. Each CSV file must be processed on a separate thread. (40)
2. Count of threads (input files) must not be hard coded: this application must be able to proceed even if some file added or removed(20)
3. Create CSV file report.csv with information about publishers of these articles. (30 point) This csv file must contain fields:
   a. Name - name of the publisher
   b. ID - ID of the publisher
   c. Published_from - publishing date of the article that published first (10 point)
   d. Published_to - publishing date of the article that published  last (10 point)
   e. Avg_content_length - average of the length (in symbol) of the article (10 point)
4. Keyword **synchronized** must be used (10 point)

Overall 100 points.