Homework 5

1. Use the DBLP dataset you have used in your previous assignments and transfer XML files into MonogoDB and Mysql.

2. Write a query to count the number of given keywords per year, e.g. "gradient descent", "wearable" keywords, for at least three years. The query should be implemented in both MySQL and MongoDB. Therefore, your project should have at least two separate classes, one for MySQL and one for MongoDB.

3. Write a range queries that search for a given keyword in a given from the start month to end month, like from Jan. 2018 to Mar 2019. The query should be implemented in both MySQL and MongoDB. Therefore, your project should have at least two separate classes, one for MySQL and one for MongoDB.

Evaluation

Your homework grade will be calculated based on following criteria
Does the code compile. If not, you cannot get its mark.
Does it performs all tasks that has been asked in the assignment.
Is the code readable, did you put enough comments, respecting java naming conventions, etc.
Does it include a descriptive *read.me* file.
Are you able to explain your code and answer my questions about this. Cheating will not be tolerated at any cost.

- Any delay on assignment submission will result in grade deduction, 10% per day. After two days later the assignment will not get accepted at all.

- If there is an extreme circumstances such as getting sick or death of relatives, you can communicate with me about the late assignment. However, I would not accept anything without proper evidence.