

# MongoDB Homework

*The score on this homework replaces your worst homework score. You do not have to hand it in if you do not want to avail yourself of this opportunity. Also, if your lowest homework grade is already 7 points or higher, then you get 1% of extra credit on the final instead if you solve one problem and 3% if you solve both.*

Source: <https://docs.mongodb.com/manual/core/aggregation-pipeline/>

## Problem 1:

Using the zip code database imported during the lecture, implement the following query:

Find all cities with more than 100000 inhabitants that have a larger latitude than Milwaukee.

## Problem 2:

Find the zip code with the least population in Wisconsin.

## Grading:

One problem solved is 7 points, two problems solved is 10 points.

## Turn-in:

A pdf document with your queries in the mongodb shell or in a Python shell or script if you use pymongo, together with the results, and with screen shots.