Lab 5

Part 1:

Modify the given **Lesson5MongoDemo** application so that the application stores students in the database
A Student contains the attributes name, phoneNumber and email.
A student has also an address.
Create a class Address with the attributes street, city and zip.
In the application add 5 students in the database.
Then perform the following queries:
- Get all students
- Get all students with a certain name
- Get a student with a certain phoneNumber
- Get all students from a certain city

Part 2:

Implement the following for the Book application of lab4:
- Store the books in MongoDB
- Use DTO classes in the Service and Web layer
- Make sure the RestAssured tests still work including validation

Part 3:

Implement the following for the Bank application of lab4:
- Store the accounts in MongoDB
- Use DTO classes in the Service and Web layer
- Make sure the RestAssured tests still work including validation
- Write a REST client for the bank application

What to hand in?

- A zip file of part 1
- A zip file of part 2
- A zip file of part 3
- Write a readme.txt file with the following content:

a) Status of the lab. Describe here if you finished all parts of the lab or not. If you did not finish the lab, describe which parts are finished, and which parts not. Describe clearly why some parts are not finished.
b) Write the following statement and sign with your name:
I hereby declare that this submission is my own original work and to the best of my knowledge it contains no materials previously published or written by another person. I am aware that submitting solutions that are not my own work will result in an NC of the course. I am aware

that I am not allowed to share solutions with other students. I am aware that if I submit only parts of this lab that points will be subtracted. I am aware that if my lab submission does not contain this readme.txt file that I do not get points for this lab.

[your name as signature]