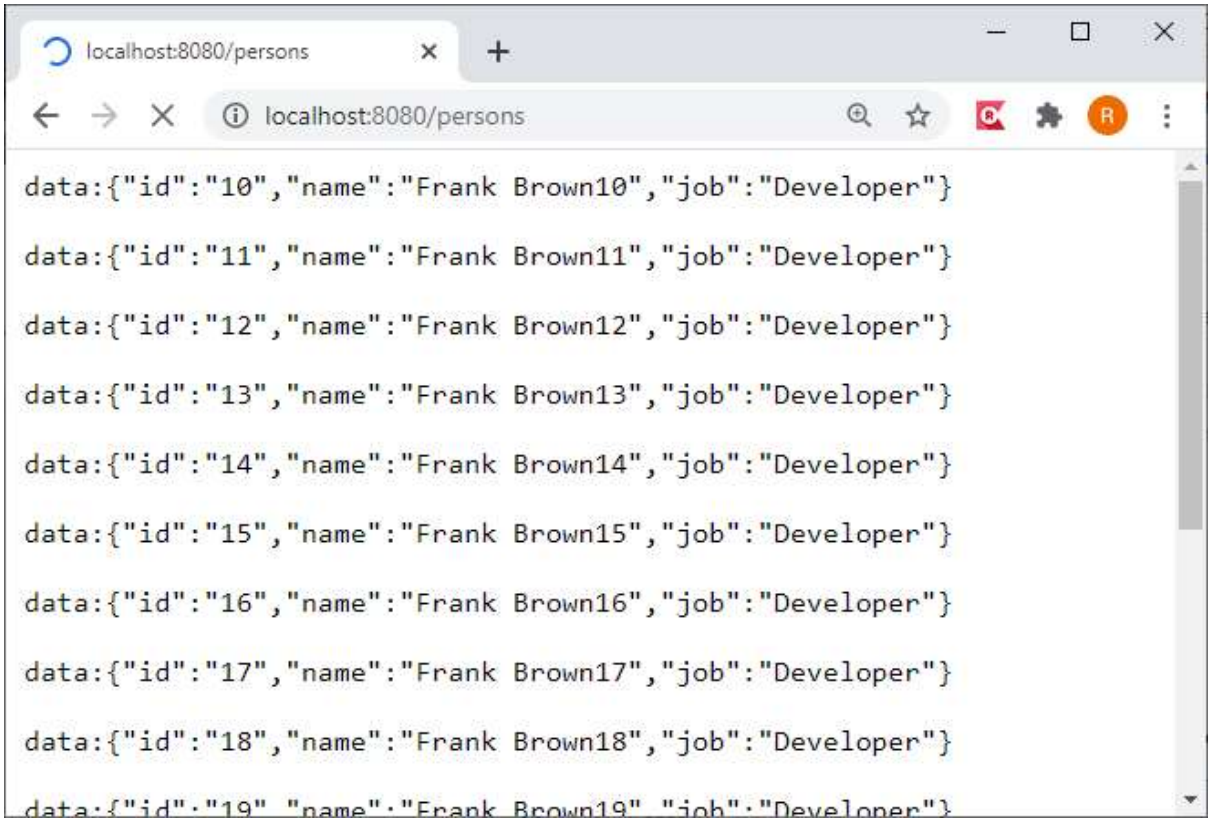
Lab 6

Part 1:

Import the given project **Lesson6WebfluxDemo.**

You need to start the Mongo database first. Then run the class SpringBootReactiveApplication. The application will save a new Person every 3 seconds. You can check this in the Browser.



Write a ChatService using webflux with the following method:
getChatMessages : returns a Flux of chat messages from mongo database

Then add every 3 seconds a new message to the database

Part 2:

Write a simple calculator application where the user can enter a calculation string (for example '3+5' on an input field on the web page, and then send this information to the sever using websockets. The server sends then the result back to the web page.

What to hand in?

1. Zip every project into a **separated** zip file
2. 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]