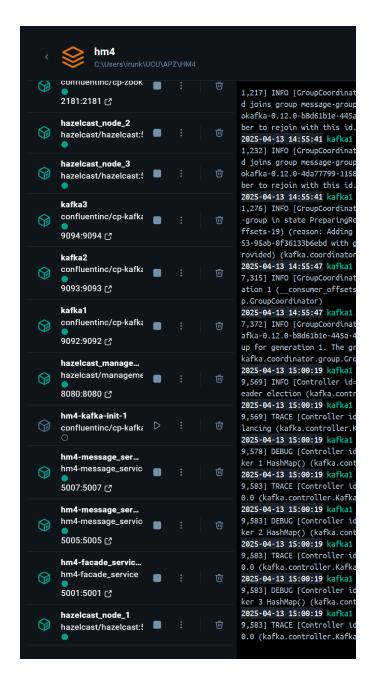
Homework 4

So basically I just added 3 kafka (you can see that in the .yml file). There is also a kafka-init, which is not needed for our task generally, but it creates a topic and defining kafka1:9092 as a leader. Then it just stops.

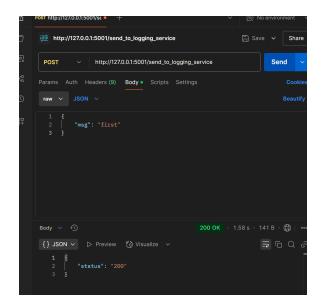
Everything can be started from the yml file with the command: docker compose up -- build .

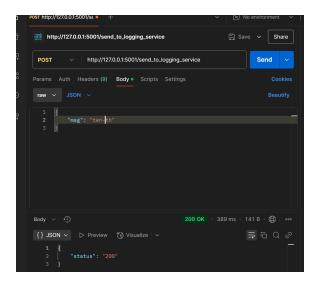
Main Task

To check if everything works correctly, I need to start it and weight till all containers will be ready:

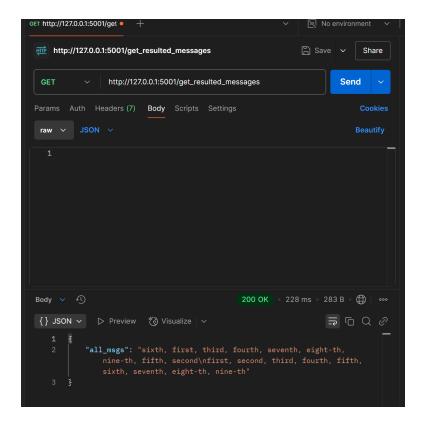


As we can see, there we have two *message services* (with ports 5005 and 5007). We need to fill out structure with ten messages. I'll do that using Postman:





When we request to get everything from the logging service and message service, we will get (I made a screen of ten-th, but forgot to push it (a):

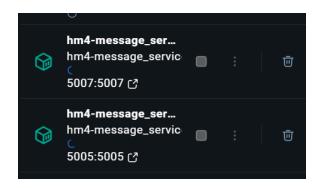


Both services got all ten messages.

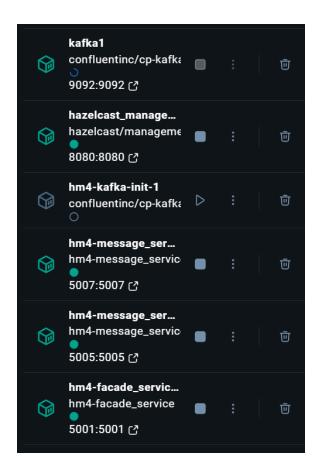
Checking message queue fault tolerance

I will rerun all services in order to clear them and make a clean experiment.

I turned off containers of message services:

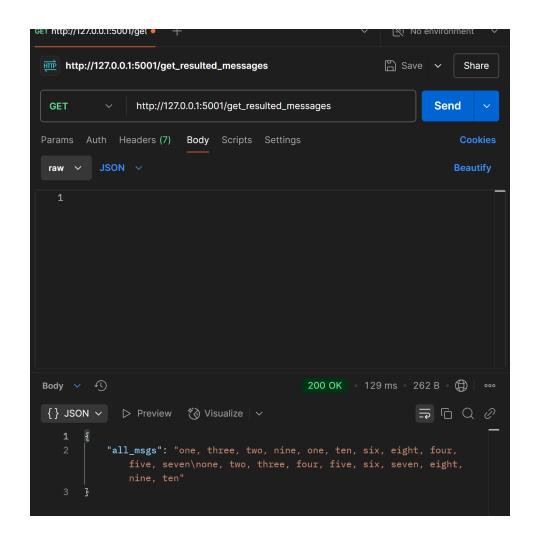


Then I pushed ten messages. After that I turned off kafkal because it was a leader, and turned on two message services:



As a result of get option:

Homework 4 5



We get all questions (note: it is not "none" there, it is just "\n" and "one"). It looks like everything is working good!

