

Test task

Create two microservices for calculating people's social rating.

First microservice (data collector) should:

1. consume http requests with JSON in a body:

```
{  
  "first_name": <text>,  
  "last_name": <text>,  
  "age": <number>  
}
```
2. read calculation seed from application properties file (it can be just a random number 0-1)
3. send all information to the queue

Second microservice (social rating calculator) should:

1. read message from the queue
2. calculate social rating score ($score = base\ seed * user's\ age$)
3. print similar to the following message to the application console
"<firstName> <lastName> has <socialRatingScore> score"

Bonus points:

- use docker to run dependent services
- the second microservice should save calculated scores for each user in the Redis
- It should be possible to specify properties file on the application start phase

Desirable to use Java, Spring Boot, Apache Kafka (or AWS SQS).

The second microservice should save the mapping between username and his calculated score in the Redis