

New Joiners

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Test Assignment

Create microservice which returns Jokes over HTTP REST API.

Stack: Java 19 or upper versions, Spring Boot, maven

Description

Service should return jokes via exposed REST GET /jokes endpoint

Parameters: count (int) - count of jokes from 1 to 100, default is 5, if number of jokes exceeded then service should return "You can get no more than 100 jokes at a time" with http status 400

For getting Jokes candidate should use service:

https://official-joke-api.appspot.com/random_joke

If more than one joke is requested, they must be requested in **batches** of 10 in parallel (i.e. 10 in parallel, then another 10 in parallel, etc.).

Received Jokes should be **stored** in noSQL storage

Non-functional requirements

1. The code should be logically divided into packages and classes, and conform basic design principles
2. The code must be covered with tests.
3. Candidate should provide docker-compose file with required dependency (with noSQL storage)
4. Integration test should be provided
5. Documentation how to build and run has to be provided in README.md

Time limit

Solution should not take more than 8 hours of Candidate time.

gitHub instructions

1. Create your own gitHub account (if you don't have it)
2. Create private repo (for example: "java-jokes")
3. Create branch "exercise-impl"
4. Implement Assignment in branch "exercise-impl"
5. Add collaborators (ness-Jean-BaptisteBlanc, ness-PavelKhokhlov, ness-DmitriiKuritsyn)
6. Create PR to "main" branch and provide collaborators for code review