

Java exercise

The goal of this exercise is to create a command line Java program that can generate and query a basic dataset. Your app should support the following commands:

1. Generate data

- Create a randomly generated dataset that will output NDJSON. Would like this randomly generated dataset to look like names. One approach would be to have a big list of names and randomly pick two from this list for first and last name.
- Should take an argument to specify how many rows to generate.
- The schema of a row should have the following fields:
 - firstName
 - lastName
 - age
 - id
 - Country

2. Query generated data

- Should take an argument to pass in the generated dataset from step 1.
- Find the oldest person.
- Group by country and return count.
- For a given country group by age ranges: 0 -> 10, 10 -> 20 etc.
- One of your own creation.

Requirements

- Java 11+
- Commit solution to a new private repository in GitHub
- Unit testing.