

We're running a census to find the most common age for a particular population. The data is collected per region, and by calling a function with a particular region name, an iterator of indeterminate size is returned. You are tasked with implementing a component that exposes two methods, both need to return the top three most common ages for the dataset, but one takes a single region as parameter and the other a list of regions.

You must implement the 2 methods `top3Ages` on the class `Census`. Aim at covering all the scenarios in the unit test, but if you don't get 100% that doesn't mean you'll be ruled out.

We expect back:

- A zip file containing your local repository (create a local git repository for your work). We will evaluate your git history.
- Remove any files that you wouldn't commit (like `target/build`).

We will evaluate:

- How many of the testing scenarios are covered.
- Design, exception handling and proper use of Java APIs.
- An effort to implement a multi-threaded approach \_that speeds up the results\_.