

Exercises for lab 3 of CS2101a

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1 Exercise 1

Parallelize the merge routine in the merge sort algorithm studied in Assignment 2.

A solution is given on Slide 22 of

<http://eniac.cs.qc.cuny.edu/andrew/csci700-10/Lecture24-10.pdf>

2 Exercise 2

On the lecture note page, the files `GA-code.jl` and `GA-test.jl` posted there use distributed arrays. Adapt those codes so as to use shared arrays instead.

3 Exercise 3

Propose *mutation* and *crossover* functions for Assignment 3.