

CSE 4094 Special Topics in Computer Engineering
Advanced Data Structures
Project 2
Visualization of Cuckoo Hashing
Due: 02.06.2019 11:59PM

The purpose of this assignment is to visualize the cuckoo hashing method using different table sizes, and different number of tables.

In this project, you will implement an application, in any programming language you like. The application will visualize the cuckoo hashing method for a given set of keys. You can check the link below for an example:

http://www.lkozma.net/cuckoo_hashing_visualization/

Your application shall be similar to the example. However, in your program the number of tables and the size of tables will be taken as input from the user. Also the keys to be inserted, searched, and deleted will be taken from the user as in the example. As output, different from the example, you will also include the total number of collisions and the load factor of each table after each insertion.

You will submit the source code of your program and your report using the Canvas service.

This is a group project. The groups can have 3 members at most.