CS2040C Semester 1 2020/2021

Data Structures and Algorithms

Tutorial 11 - Finale

For Week 13

Document is last modified on: October 28, 2020

1 Introduction and Objective

This tutorial/lab slot on Week 13 is set as an open slot for past paper discussions and for class photo taking session :).

The second half of the slot is to run VisuAlgo Online Quiz (the details will be communicated separately).

2 Past Paper Discussions, Open Ended

Here is the list of final paper questions that Steven found 'interesting' and 'suitable' for CS2040C final paper on Tue, 24 Nov 2020. However, since they have been asked in the past, obviously none of them can ever appear in the real final paper this semester. Perhaps TA can just throw a vote and discuss the most voted question first, and then repeat this process until either time (maximum 1 hour, as we need the 2nd hour for VisuAlgo Online Quiz) runs out (more likely) or all proposed problems below have been discussed.

1. `https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2010-2015-16-S1-WQ2-medium.pdf`, Question C.1, Graph Traversal

2. `https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS1020E-2016-17-S1-final.pdf`, Question B.1, Printing Integers

3. `https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2040C-2018-19-S2-final.pdf`, Question B.2, Interesting Variants

4. `https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2040C-2017-18-S1-final.pdf`, Question C.1, Isomorphic BSTs

5. `https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2040C-2018-19-S1-final.pdf`, Question C.3, From Matching to Connectivity

3 Class Photo

Let's take a class photo with your tutor as momento (and post the photos in Discord and/or our almost obsolete Facebook Group).

All the best for your final assessment of this module and of your other modules.

4 VisuAlgo Online Quiz

This session will be done in the second half of the last lab session. All technical details (on this easiest component of the module) will be communicated separately.