

CS2040C Semester 2 2018/2019
Data Structures and Algorithms

Tutorial 11 - Finale

For Week 13

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1 Introduction and Objective

Steven is aware that Tutorial Group 08 needs to catch up by 1 round (so will still be discussing tut10 on Week 13) and there won't be any tutorial on Good Friday public holiday (affecting Tutorial Groups 03+04+06+01+13). So only $13-1-5 = 7$ tutorial groups are available for this last tutorial.

That's why this tutorial slot on Week 13 is set as an open slot for past paper discussions (Tutorial group 08 and all Friday tutorial group members can choose to attend any other Tue evening/Wed/Thu groups). Attendance/participation is not counted on this last week 13 (participation marks already frozen by end of Week 12).

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 Sat, 04 May 2019. 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 runs out (more likely) or all proposed problems below have been discussed.

1. <https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2040-2017-18-S4-final.pdf>, Question C.1, SSSP in a Special "SLL" (code the solution in C++ instead)
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-2017-18-S1-final.pdf>, Question C.1, Isomorphic BSTs

4. <https://www.comp.nus.edu.sg/~stevenha/cs2040c/tests/CS2010-2015-16-S4-final.pdf>,
Question C.3, Avengers Initiative
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 on Week 13 (except for Friday Tutorial Groups)

For all other Tutorial Groups except Friday Tutorial Groups (who should have done this on Week 12):
Let's take a class photo with your tutor as momento (and post the photos in our Facebook Group).

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