

Tutorial 4: Binary Search Trees

General Instructions

Please attempt these questions before attending your tutorial session. You do not need to submit your solutions beforehand.

Part 1: Read Chapter 12 of Introduction to Algorithms by Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, and Clifford Stein (3rd Edition, digital copy link available on myuni)

Exercise 1 *Work on exercise 12.1.5, 12.2.4, 12.3.4, and 12.4.3*

Part 2: Read Chapter 21 of the same book

Exercise 2 *Work on exercise 21.2.1 (and also write pseudo-code for disjoint-set forests representation from Section 21.3).*