

Analysis of Algorithms

Review Assignment

You are not required to submit anything.

- Read Chapters 1,2,3,4 (without section 4.4), and Appendices A,B,C (without section C.5) of the textbook: “Introduction to Algorithms”, second edition, by Cormen, Leiserson, Rivest, and Stein to refresh your algorithmic knowledge and mathematical foundations.

In the first edition read Chapters 1,2,3,4 (without section 4.4) and 5.

In the book “Algorithm Design”, by Goodrich and Tamassia, some of the material can be found in Chapter 1. In particular, Section 1.2 is a good alternative to Chapter 3 of the textbook.

- Practice by solving some or all of the problems in the books.
- Read about the GCD Algorithm in pages 856–862 of “Introduction to Algorithms” and in Pages 455–457 of “Algorithm Design”.