

Chapter-1: Learning and Understanding

The concepts in chapter-1 that you should know after learning and understanding the material are:

Section 1.1

1. Definition of the algorithm. Property of the algorithm. Examples such as computation of prime factors

Section 1.3

1. Sorting problem, stable sorting.
2. Searching problem.
3. String processing.
4. Graph problem.

Section 1.4

1. Concepts related graphs. pages 28-31

Math concepts

1. You should be able to solve problem using mathematics induction.

The examples, practice problems and the problems in the assignments are expected to support learning.