

Problem Set 2

CPSC 311 Analysis of Algorithms
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The assignment is due next Wednesday, 09/14/2005, before class.

Solve the following exercises from the textbook; note that the book distinguishes between problems and exercises.

- Problem 3-2
- Exercise 6.3-1
- Exercise 6.3-3
- Exercise 6.4-4, that is, find a input of length n such that the running time is $\Omega(n \log n)$.
- Solve Exercise 20 in the lecture notes on Asymptotics.
- Make yourself familiar with the typesetting software *LaTeX* and the literate programming tool *noweb*.