

Homework 1
CMSC 641
Analysis of Algorithms
Spring Semester 2003

1 Course Text

Cormen, Thomas H., Charles E. Leiserson, and Ronald L. Rivest,
“**Introduction to Algorithms,**” MIT Press, 2nd edition.

2 Reading Assignment

Read Chapters 1-4 of text.

3 Homework Assignment

- Page 50, Exercises 3.1-1, 3.1-2, 3.1-4, 3.1-7
- Page 57, Exercise 3.2-1
- Page 67, Exercise 4.1-1
- Page 72, Exercise 4.2-1
- Page 75, Exercise 4.3-1

4 Scoring Method

- Each of the above exercises on page 50 is worth 10%
- All of the above remaining exercises are each worth 15%.

Remark 1 *The highest possible score on this homework 1 is 100%. All homework scores are to be rounded to the nearest integer percentage.*