Assignment 1

due Thursday, January 25, 2007

1. exercise 2.3-7, p 37
2. exercise 2-3, p 39
3. exercise 4-1, p 85
4. exercise 30.1-5, p 830
5. exercise 30-1, p 844
6. extra credit Break two n-bit integers into three equal length parts. Multiply them together with 5 multiplications of n/3 bit integers.

Notes:

- In Q1, see if you can do better if S is already sorted.
- Q5 we pretty much did in class. Let’s see if you were paying attention.
- Q6 is hard.