CS 362, HW3

Prof. Jared Saia, University of New Mexico

Due: March 10th

1. Exercise 16.1-2
2. Exercise 16.1-4
3. Exercise 16.2-3
4. Exercise 16.2-5
5. Exercise 17.1-1
6. Exercise 17.1-2
7. Exercise 17.1-3
8. Exercise 17.2-3
9. Exercise 17.3-2
10. Exercise 17.3-7 - Make sure you *prove* that your data structure takes $O(m)$ time on any sequence of m operations. Hint for this problem: recall that you can find the median of a set of n numbers in $O(n)$ time (see Chapter 9)
11. Extra Credit: Problem 16-1
12. Extra Credit Problem 17-2