CS 362, HW3

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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