CSE 6331, Fall, 2012
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CSE6331 Homework 2
Due Tuesday, Sep. 11

1. Page 226: 9-3(a,b,c) (3rd edition), 194: 9-3 (a,b,c) (2nd edition), 10-3 (1st edition)
2. Page 178: 7.2-2 (3rd edition), 153: 7.2-2 (2nd edition)
3. Let $X[1..n]$ and $Y[1..n]$ be arrays, each containing n integers and each sorted in non-decreasing order. Write an algorithm that finds the median of the $2n$ combined elements. Analyze the worst-case running time. To receive full credit, your algorithm must run in $O(\log n)$ time.

(The grader will only grade a subset of these problems.)