Problem Set 4
CPSC 689 Randomized Algorithms
Andreas Klappenecker

The assignment is due next Monday, Oct 3, before class.

Solve the following exercises in our textbook:

1. Exercise 3.16

2. Exercise 3.20

3. Exercise 3.25

4. Exercise 4.9
   [Hint: For (c), note that if the median is within $\varepsilon E[X]$ of $E[X]$, then less than half of the weak estimates are not within $\varepsilon E[X]$ of $E[X]$.

5. Exercise 4.21

Typeset your solution in LATEX or write *very* neatly!