CS/MATH 335: PROBABILITY, COMPUTING, AND GRAPH THEORY
HOMEWORK 1
DUE IN CLASS FRIDAY, SEPTEMBER 16, 2016

Partner Problems

Roughly in order of difficulty

(1) | Mitzenmacher 1.17

(2) | Mitzenmacher 2.23

(3) | Mitzenmacher 1.9 - note that part of your grade will be the quality of the upper bound you give. So don't just answer "1".

(4) | Mitzenmacher 1.26 - follow the hint and write the program. Submit it along with your answer. I prefer Python, if possible.

Individual Problems

(5) | Mitzenmacher 2.6