Homework 6, Due Tuesday, February 19, 2013

Note: Monday, February 18 is a holiday, so you have an extra day on this one.

Problem 1 (10 points):

Chapter 6, Page 312, Problem 1 a, c.

Problem 2 (10 points):

Chapter 6, Page 313, Problem 2 b.

Problem 3 (10 points):

Chapter 6, Page 316, Problem 5.

Problem 4 (10 points):

Chapter 6, Page 317, Problem 6.

Problem 5 (20 points):

Implement a Dynamic Programming algorithm to determine the number of ways that the US Electoral College could result in a 269-269 tie. Use the number of electoral votes per state from the 2012 election. Assume that Nebraska and Maine do not split their votes. (You may need to use long integers in your implementation to avoid overflow.)