

22C : 031 Algorithms
Homework 7
Due Thursday, December 13

You are expected to do the homework assignments on your own without consulting human and non-human sources (like web pages) for the solutions.

1. Exercise 1 of Chapter 8. (20 points)
2. Exercise 2 of Chapter 8. Hint: Reduce Independent Set to this problem. (20 points)
3. Exercise 6 of Chapter 8. Hint: Reduce Vertex Cover to this problem. (20 points)