

CSC 2300 – Data Structures and Algorithms

Homework 4

Due in Class on Tuesday, February 27

Late Policy is Three Late Days for the whole term

For Problems 4.4 to 4.6, use proof by induction.

1. Problem 4.4
2. Problem 4.5
3. Problem 4.6
4. Problem 4.14 (Hint for c. What is the total cost for one insert and one delete?)
5. Problem 4.26
6. Problem 4.31
7. Problem 4.40