

CSE 326 DATA STRUCTURES HOMEWORK 3

Due: **Wednesday, July 11, 2007** at the beginning of class.

Problem 1. Accessing AVL and Splay trees

Weiss, problems 4.19, 4.27.

Problem 2. Building the smallest AVL tree

Weiss, problems 4.35. For this problem, your tree should contain data 1 through N , where N is the number of nodes you needed.)

Problem 3. Drawing trees

Weiss, problem 4.38. Assume that the coordinate system used is a regular Cartesian one, where the positive x and y axes point right and up, respectively. (This means your tree should grow into the lower-right quadrant, in part b.)