

Homework 4(Posted February 12, Due before 11:59 p.m. 21st
February, 100 pts)

Please submit hard copies to Ms. Drucilla Spanner, slide in her office if she is not there. Please submit each question separately. Please email programs to P.A.

Problem 1: 15 pts 4.6 Weiss

Problem 2: 20 pts 4.7 Weiss

Problem 3: 15 pts 4.21 (a) (b) Weiss

Problem 7: 50 You are given a list of N positive real numbers. Give a binary search tree based algorithm which find the k th MAXIMUM number. What is the complexity of your algorithm? Program your solution.