

CS 6374

Assignment 5

All exercise numbers refer to the Sterling and Shapiro text book.

1. Solve exercises 3.2.1 (i), (ii), (iii), and (iv).
2. Solve exercises 3.3.1 (i), (ii), (iii), (v), (vi), (vii).
3. Given the sorted binary tree (SBT) representation discussed in class, define the following functions
 - sumtree(T, N): N is the sum of elements in SBT T (use succ arithmetic).
 - delete(E, T, Tn): delete the element E from SBT T to obtain SBT Tn.
4. Exercises 8.3.1 (i), (iii), (vi), (vii)