CS 6374

Assignment

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

1. Solve exercies 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)