CS 2413 001: Data Structures, Summer 2000
Programming Project #4: Self-Modifying Search Trees
Due in class Wednesday 26 July 2000
No penalty if submitted in class by Friday Wednesday 28 July 2000

`http://www.cs.ou.edu/~cs2413/`

This project will give you experience using self-modifying search trees. You will use the same development process as in Programming Projects #0, #1, #2 and #3.

Reimplement Programming Project #3 using one of the self-modifying search trees described in *OODS*, Chapter 8.

Note: you **MUST** implement Programming Project #3 using a non-self-modifying binary search tree, as described in *OODS*, Chapter 7.

Programming Style

The style for this programming project is the same as described for Programming Projects #1, #2 and #3.

What To Turn In

You should turn in the same items, in the same format, as for Programming Projects #1, #2 and #3.

You may turn your project in early if you choose; otherwise, turn it in during class on Wednesday 26 July. If you turn it in after the close of class (3:20pm), it will be considered late; however, **FOR PROGRAMMING PROJECT #4 ONLY**, there will be no late penalty if you turn it in any time through the close of class on Friday 28 July. Submissions after 3:20pm Friday 28 July will receive **NO** credit.

References

S. Radhakrishnan, L. Wise & C. N. Sekharan, *Object-Oriented Data Structures Featuring C++*, 1999.