ECS 110
Data Structures and Programming

Assignment #3

Due Date

Monday, October 27, 2003

The Problem

Write a sorting algorithm that sorts the individual words in a given article. In this assignment you must use an AVL-tree.

You must again use the article by Mark Weiser for your output. You can retrieve this article from our class web site.

The output of this program is slightly different:

- Output the entire list of words from the AVL tree, comparing it side-by-side with the output from your previous assignment (They should be identical). Compare the levels of the trees produced by the two algorithms.

- Use one paragraph of the Weiser article and show the operation of the AVL tree while inserting the words of the paragraph. That is, what rotations are preformed, what is the level of the tree, etc.?