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CS-260 Section 003

Dr. Nowak

Programming Assignment 2

Timing Results

The timing results from each test are displayed in the tables below. As shown in the tables, when the number of elements used in each data structure is increased, there is an increase in the time it takes to complete each operation.

Preorder Testing				
Size	1	2	3	4
LOC	0.2000	1.0609	1.3360	4.5621
LCRS	0.0081	0.01597	0.0479	0.1430

Preorder:

As seen from the table above. The leftmost child, right sibling tree method is much more efficient than the list of children method.

Post-order:

As described in the README file, a proper timing test for post order traversal was not found.