ID2230 : DSA

Assignment 2
Comparison Report

by:

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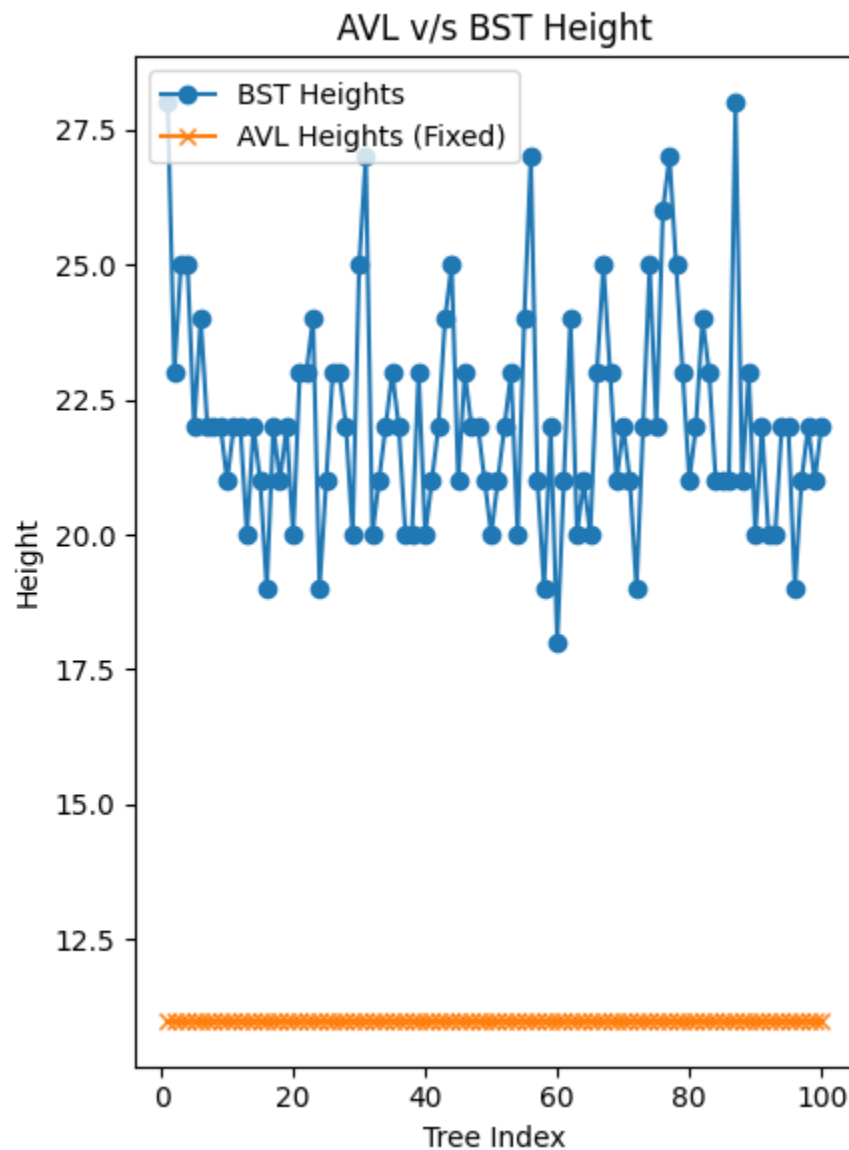Roll no. : BM22BTECH11003
Dept. : Biomedical
Engineering
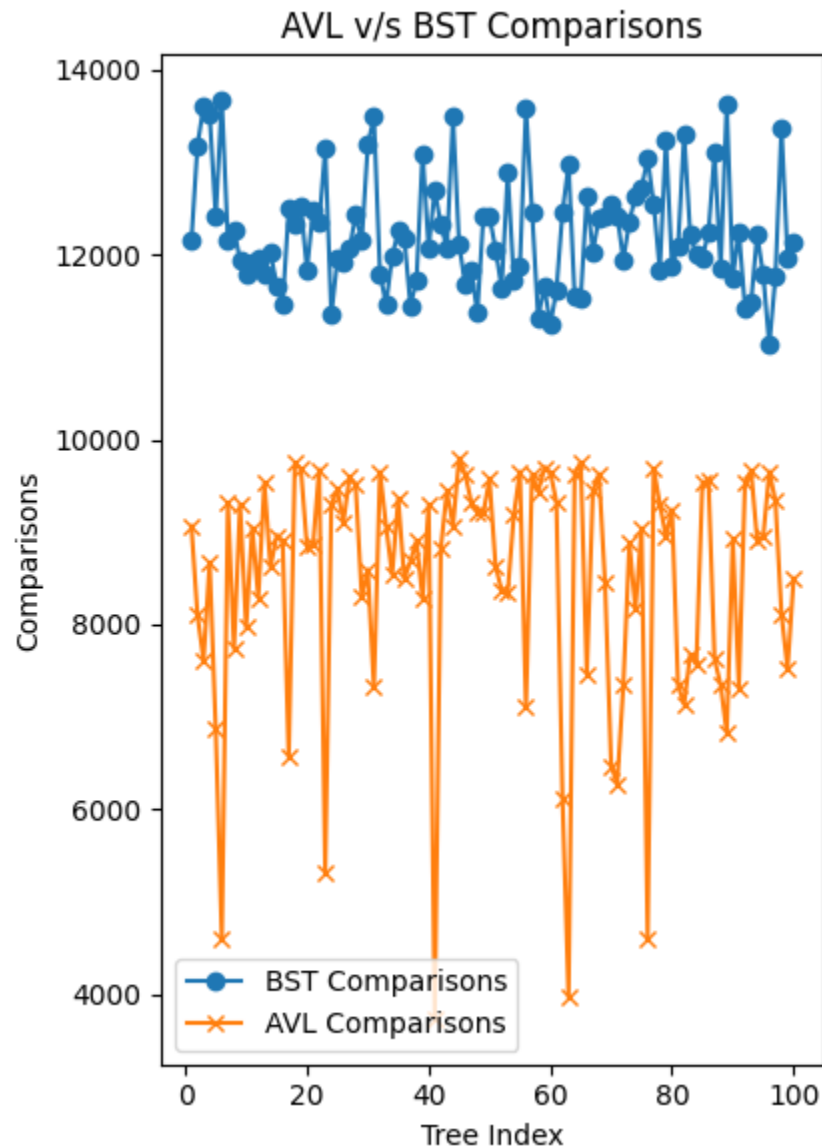
AVL v/s BST Height Comparison

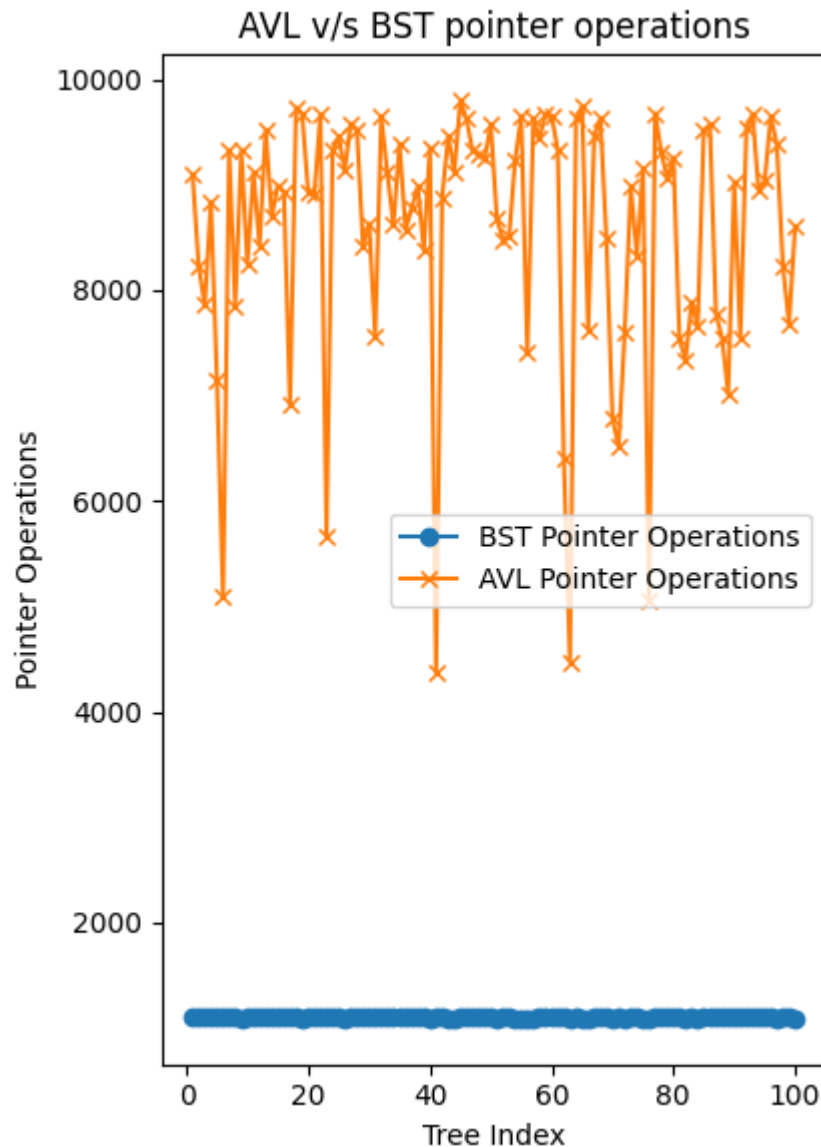The above plot shows the height comparisons of the 100 trees that are created. AVL height is same but BST different for each.

AVL v/s BST Comparisons

The above plot shows the comparisons of the 100 trees that are created. These comparisons are basically the operations that are recursively called in codes.

AVL v/s BST Pointer Operations Comparisons

The above plot shows the comparisons of the pointer operations of 100 trees that are created. We can see pointer ops for BST is very less than AVL trees.