Project I:

Efficiency of basic operations based on BST, AVL and Splay Trees

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1 Introduction

In this project, we implement three types of binary search trees: BST, AVL Tree, and Splay Tree as well as some basic operations on them including insertion, deletion and find. We then conduct experiments to compare the efficiency of a series of these operations on the three types of trees. # 2 Algorithm Specification

3 Test Design

4 Test Results

5 Analysis and Comments

Declaration

We hereby declare that all the work done in this project is of our own independent effort.