Red/Black Tree Implementation Report

Made by: Will Frautschy // Aasama Prabhakar

# Implementation of Red Black Tree and Test Suite

**GitHub Source**: <https://github.com/wfrautschy4/CSE-2331-Final-Project>

To do the implementation of our project, we used java classes like the setup of software 2. The library includes two classes, one for binary tree, and another for the implementation of Red/Black Tree.

# A screenshot of a computer AI-generated content may be incorrect.Visualization

For our project, to visualize and understand how the tree is changing given any operations are being acted on it, we use a library called TreePrinter which simply prints the tree into the command line. While it is not perfect at doing the displaying, it gets the job done when trying to understand the whole structure of the tree without manually traversing it. It also had to ability to display red or black versions of the nodes to accurately depict the colors of the red/black tree.

# Documentation and Presentation

# Performance Analysis

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