Implementation Binary Search Tree Data Structure in Simulation Prefix, Infix, Postfix

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06.02.0014
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PROJECT REPORT
Implementation Binary Search Tree Data Structure
in Simulation Prefix, Infix, Postfix

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Confirm that the projects that I make is the result of the work itself and is not a plagiarism other people's work, except that in written is refer to other writings.

If later on proved that this project is the result of plagiarism, then I am willing to accept the sanctions.

Semarang, January 19th 2011
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06.02.0014
FOREWORD

At last I can finish my final project with the title: Implementation Binary Search Tree Data Structure in Simulation Postfix, Infix, Prefix. So in this opportunity, I would like to thanks:

1. God who always accompany and guide each step I take.
2. For my parents and my brother and my sister, that always pray for me and encourage me to finish my project
3. Suyanto EA., Ir, M.Sc, as my supervisor for helping, and guiding, and giving me the brilliant ideas to finish this project
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This Project report is far away from "perfect", therefore the writer need the criticism and suggestions. Finally, the writer hope that this Project Report can give benefit for fellow students and everyone.

Semarang, January 19th 2011

Iwan Setiawan
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ABSTRACT

We usually more easier learn some thing if has a simulation. The simulation will make we easy imagination some think so we can fast learn about it. Postfix, infix, prefix is the algorithms to read the binary search tree.

Binary search tree is a tree data structure in which each node has at most two chiled nodes, usually distinguished as "left" and "right". Nodes with children are parent nodes, and child nodes may contain references to their parents. Outside the tree, there is often a reference to the "root" node (the ancestor of all nodes), if it exists. Any node in the data structure can be reached by starting at root node and repeatedly following references to either the left or right child.

This program is make the simulation to make a binary search tree and animaton to postfix, infix, prefix algorithms for read the binary search tree.
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