DSANode

+ key: integer
+ value: integer
+ rightchild: integer
+ leftchild: integer

DSADoubledList

+ root: null
+ elements: integer

+ isEmpty(): Boolean
+ hasLeftchild(): Boolean
+ hasRightchild(): Boolean
+ isLeaf(): Boolean
+ hasBothChildrean(): Boolean
+ put(): object
- _put(): object
+ get(): string
- _get(): string
+ findMax(): integer
+ findMin() integer
+ getElements(): integer
+ inOrder(): string
- _inOrder(): string
+ preOrder(): string
- _preOrder(): string
+ postOrder(): string
- _postOrder(): string
+ findHeight(): integer
- _findHeight(): integer
+ isBalanced(): Boolean
- _isBalanced(): Boolean
+ deleteNode(): object
- _deleteNode(): object
+ printBinaryTree(): string
- _printBinaryTree(): string

include

include

testHarness

+ put(BinarySearchTree): object
+ deleteNode(BinarySearchTree): object
+ getElements(BinarySearchTree): integer
+ findMax(BinarySearchTree): integer
+ findMin(BinarySearchTree): integer
+ get(BinarySearchTree): string
+ inOrder(BinarySearchTree): string
+ preOrder(BinarySearchTree): string
+ postOrder(BinarySearchTree): string
+ findHeight(BinarySearchTree): integer
+ isBalanced(BinarySearchTree): integer