## TreeNode

-data: generic T -left: TreeNode<T> -right: TreeNode<T>

+getData(): T +setData(T): void

+getRight(): TreeNode<T>
+getLeft(): TreeNode<T>
+setRight(TreeNode<T>): void
+setLeft(TreeNode<T>): void
+hasLeftChild(): boolean
+hasRightChild(): boolean
+equals(Object): boolean

+toString(): String

## ExpTree

-root: TreeNode<String>

-infix: String

+getRoot(): TreeNode<String>
+getPostfixString(): String

+getInorderString(): String
+getInfixString(): String

+getPrefixString(): String +equals(Object): boolean

+toString(): String

+getPostorderList(): List<TreeNode<String>>
+getPreorderList(): List<TreeNode<String>>
+getInorderList(): List<TreeNode<String>>

-isNumeric(String): boolean -infixToPostfix(String): String -priorityCheck(char): int

#pPostorder(TreeNode<String>): void
#pPreorder(TreeNode<String>): void
#pInorder(TreeNode<String>): void

#testEquality(TreeNode<String>, TreeNode<String>): boolean