getRoot (BST)
"Returns the elemento. of the root"
{pre {this.root#.getElement() }}
{post: (element) }

Search (BST, goal)
"Search the elemento in the BST"
{Pre : TRUE}
{post : (element)

insert (BST, Key, Element)

"Insert a new elemento to the tree"
pre ((key, Elemente) ∧ (Element ≠ Null))
post : (New elemet)

inOrder (BST)
"Returns the key of the elementos, ordered from minor to may or"
{pre: True}
{post : <keys>}

delete (BST)
"delete a element of the BST"
Pre: node ≠ null
Pos : node = null

Tipo Abstracto de Datos BST

$$BST = (root <key, element>)$$

Invariante: $Rigth >= Node$ && $Left < Node$

Primitive operations:

getRoot(): → Node

Search(): → Node

Insert(1: → Node

Delete: → Node

inOrder(): → String (texto)