Student

-id: int

-name:String

-email:String

-classification:String

+Student(id: int, name:String, email: String, classification: String)

+getId() : int

+getEmail() : String

+getName() : String

+getId() : int

Node<E>

-data : E

-left: Node

-right: Node

-root: Node

-isRed: boolean

+Node (data: E)

+getLeft() : Node

+getRight() : Node

+getRoot() : Node

+isRed() : boolean

+getData(): E

Tree<Node>

#root : Node

# int: size

+RedBlackTree(root: Node)

+insert(node: Node) : boolean

+delete(node: Node): boolean

-leftRotate():void

-rightRotate():void

+getNode(Node: node) : Node

+traverse(): void