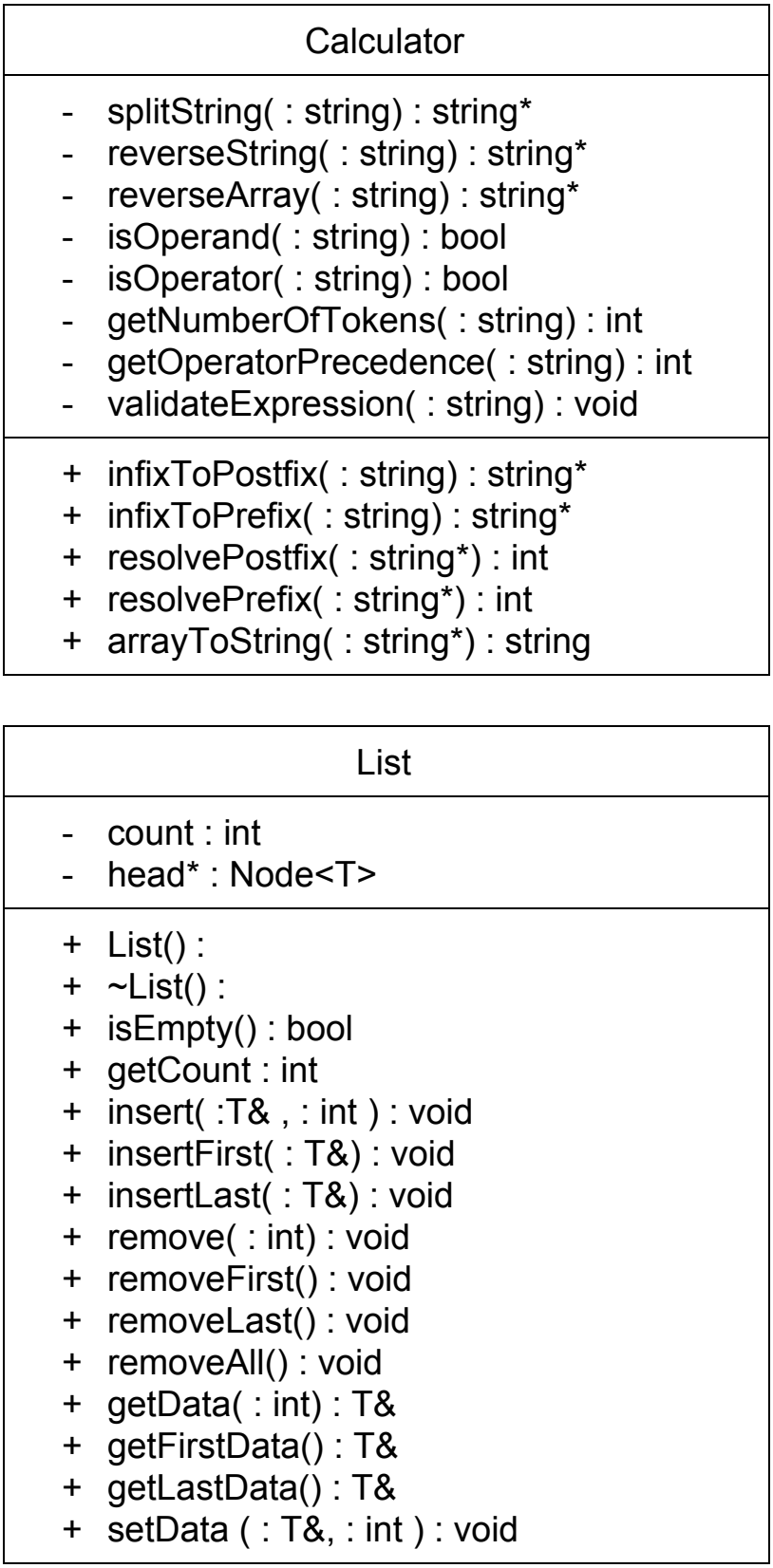

Calculator
- splitString(: string) : string*
- reverseString(: string) : string*
- reverseArray(: string) : string*
- isOperand(: string) : bool
- isOperator(: string) : bool
- getNumberOfTokens(: string) : int
- getOperatorPrecedence(: string) : int
- validateExpression(: string) : void
+ infixToPostfix(: string) : string*
+ infixToPrefix(: string) : string*
+ resolvePostfix(: string*) : int
+ resolvePrefix(: string*) : int
+ arrayToString(: string*) : string
List
- count : int
- head* : Node<T>
+ List() :
+ ~List() :
+ isEmpty() : bool
+ getCount : int
+ insert(:T& , : int) : void
+ insertFirst(: T&) : void
+ insertLast(: T&) : void
+ remove(: int) : void
+ removeFirst() : void
+ removeLast() : void
+ removeAll() : void
+ getData(: int) : T&
+ getFirstData() : T&
+ getLastData() : T&
+ setData (: T&, : int) : void

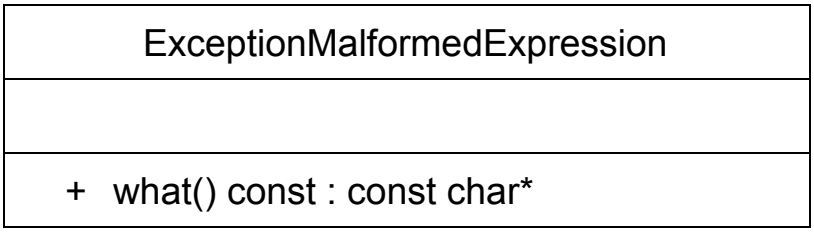
+ setFirstData(: T&) : void + setLastData(: T&) : void

Node
+ data* : T + next* : Node<T>
+ Node() : + Node(: T&) : + Node(: T&, : Node<T>*) : + ~Node() :

Stack
+ push(: T&) : void + pop() : void + peek() : T& + empty() : void + count() : void

Queue
- front : Node<T>* - rear : Node<T>*
+ Queue() : + enque(: T&) : void + dequeue() : T& + getFront() : T& + getRear() : T& + getCount() : int


+ empty() : void
+ isEmpty() : bool


ExceptionMalformedExpression
+ what() const : const char*