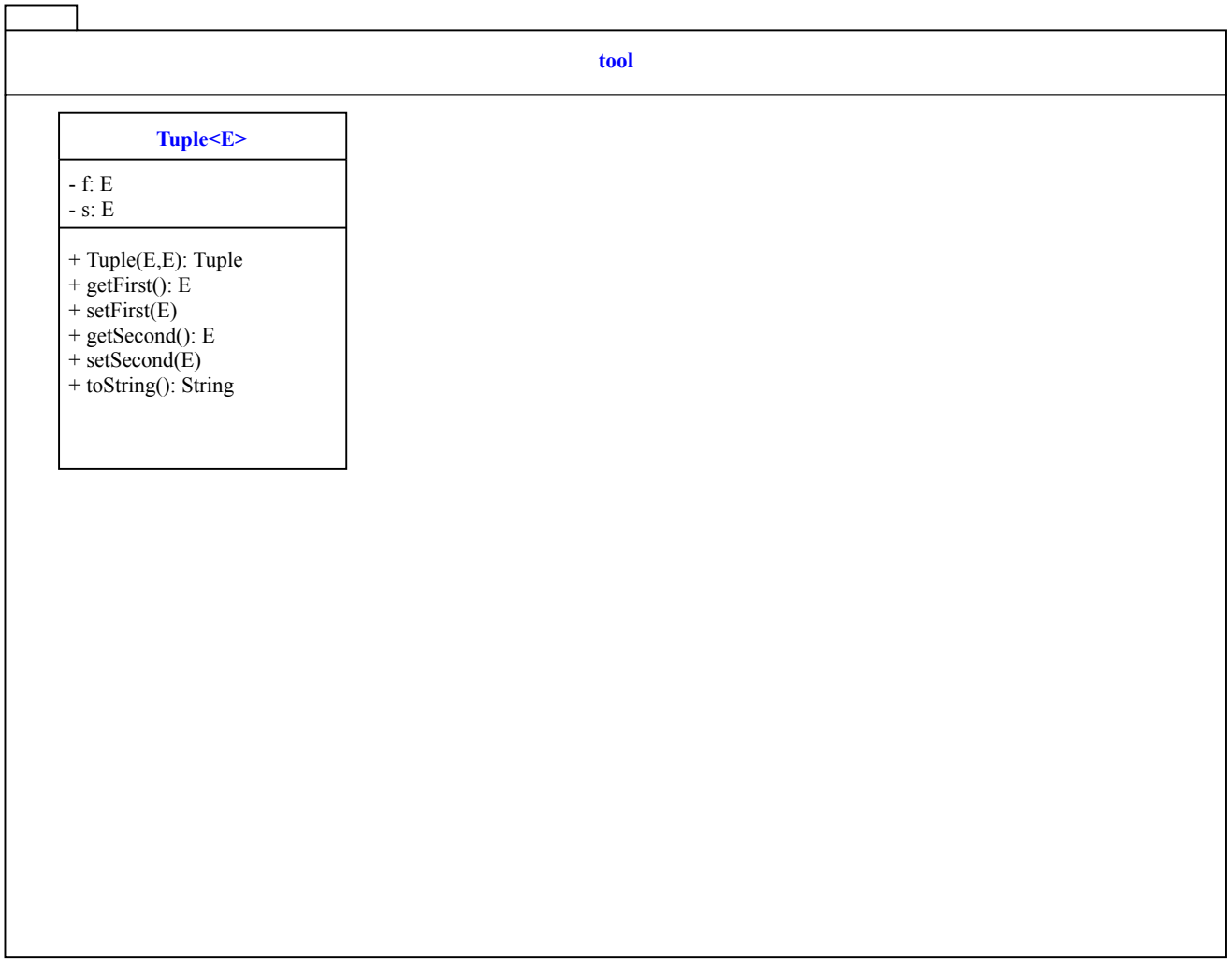
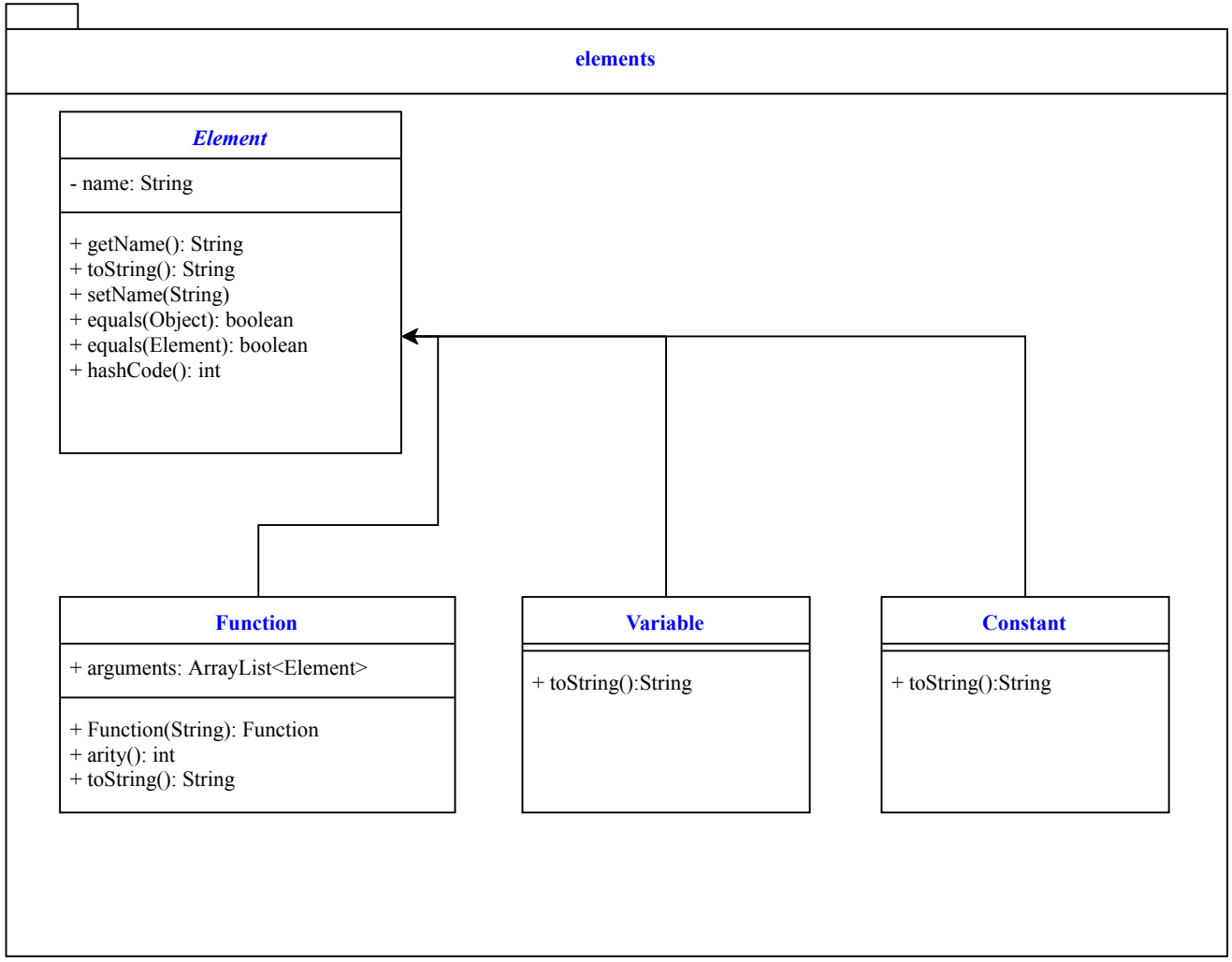
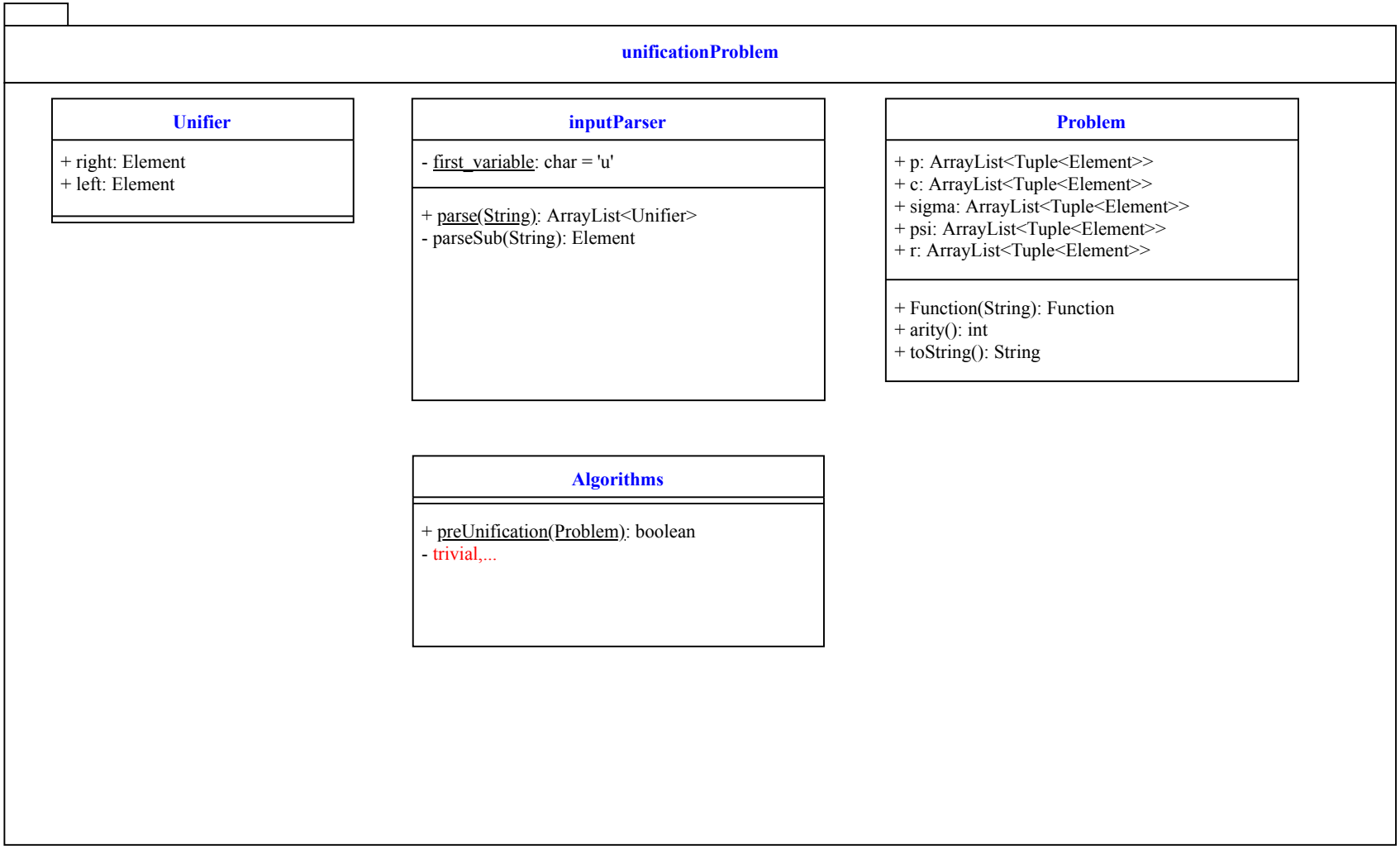

tool
Tuple<E>
- f: E
- s: E
+ Tuple(E,E): Tuple
+ getFirst(): E
+ setFirst(E)
+ getSecond(): E
+ setSecond(E)
+ toString(): String


elements
Element
- name: String
+ getName(): String
+ toString(): String
+ setName(String)
+ equals(Object): boolean
+ equals(Element): boolean
+ hashCode(): int
Function
+ arguments: ArrayList<Element>
+ Function(String): Function
+ arity(): int
+ toString(): String
Variable
+ toString():String
Constant
+ toString():String


unificationProblem
Unifier
+ right: Element
+ left: Element
inputParser
- first_variable: char = 'u'
+ parse(String): ArrayList<Unifier>
- parseSub(String): Element
Problem
+ p: ArrayList<Tuple<Element>>
+ c: ArrayList<Tuple<Element>>
+ sigma: ArrayList<Tuple<Element>>
+ psi: ArrayList<Tuple<Element>>
+ r: ArrayList<Tuple<Element>>
+ Function(String): Function
+ arity(): int
+ toString(): String
Algorithms
+ preUnification(Problem): boolean
- trivial,...