## Automata

Vector<string>(states)
Vector<string>(alphabet)
String (initialState)
Vector<string>(finalStates)
Vector<Transition>(transitions)

My Automata consists in a list of states, alphabets, final states and transitions;

+ void readFa()

- + bool isDeterministic()
- +void checkSequence()

## bool isDeterministic():

Checks if it is deterministic of not, if yes, will return true, false otherwise.

Pre: the fa.

Post: true or false depending if it is deterministic or not.

## void checkSequence(sequence):

Checks if the sequence is valid

Pre: the sequence

Post: the validity of the sequence

q0,q1,q2,q3,q4

a,b,c

q0

q3

q0,a,q1

q1,b,q2

q2,c,q3

q3,a,q4