

RAUL NICU MOGOS

## DOCUMENTATION FOR LAB

Added checking if a token is integer constant or a identifier with finite automata.

new methods in class FiniteAutomata:

isDeterministic()

description: check if the the automata is deterministic or not

return: true if it is deterministic, false if not

check(String token)

description: check if the token is accepted if accepted

return: true if the token is accepted, else false

## State

-content

## Transition

-state1: State  
-state2: State  
-transition: String

## FiniteAutomata

-statesSet  
-transitionSet  
-initialState  
-finalStates  
-transitionFuntions

+isDeterministic(): bool  
+check(token: String): bool