

<https://github.com/raulmogos/compiler-design>

RAUL MOGOS NICU

DOCUMENTATION FOR LAB 4

Classes:

State - represents a state and takes a name/content

Transition - represents a transition and take two states and a transition string

FiniteAutomata - represents a finite automata which reads from file in the given form

FILE INPUT:

1st line : set of all states separated by comma, ex: p,q,r

2nd line : set of all transitions separated by comma, ex: a,b

3rd line : initial state, ex: p

4th line : set of all final states separated by comma, ex: r

5th line : empty

6th line : the transition function in this format st1,st2,tr, ex: p,q,r

FILE INPUT EXAMPLE:

p,q,r

a,b

p

r

p,q,a

p,r,a

q,q,a

q,r,b

