

Lab 4

Git:

<https://github.com/fciocan42/FLCD.git>

Docs:

Finite Automata

- states – set of states represented as a List
- initial_state – the initial state represented as a string
- end_states – set of end states represented as a List
- transitions – set of transitions represented as a List
- alphabet – set of the alphabet represented as a List

fa.in

line 0 | states separated by comma ','

line 1 | alphabet separated by comma ','

line 2 | initial state

line 3 | final state

line 4+ | transition represented as state_a,alphabet_value,state_b

All the Finite Automata fields are filled while reading line by line and separated on lines with separators(0, 1, 4+).

While parsing the sequence check if the char is present in at least one transition in the FA.