# Lab 4 documentation – Suciu Andrei Mircea 937/1

<https://github.com/andreimsuciu/FLCD>

<fa> ::= <q> <sigma> <initialState> <finalStates> <transitionFunctions>

<q> ::= <seq\_of\_letters>|<seq\_of\_letters> “ “ <q>

<seq\_of\_letters>::=<letter> | <letter>< seq\_of\_letters >

<letter> ::= a|b|…|z |A|B| … |Z

<sigma> :== <seq\_of\_ numbers > | <seq\_of\_numbers><sigma>

<seq\_of\_ numbers >::=<digit>|<digit><seq\_of\_ numbers >

<digit>::=0|1|…|9

<initialState> ::= <seq\_of\_letters>

<finalStates> ::== <q>

<transitionsFunctions> ::= <transitionF> | <transitionF> “/n” <transitionFunctions>

<transitionF> ::= <seq\_of\_letters>” “<seq\_of\_digits>” “<seq\_of\_letters>