Lab 3 LTFC

Documentation in BNF format of fa.in file

<FA> ::= <states> <alphabet> <transitions> <start\_state> <final\_states>

<states> ::= "states:" <state\_list>

<state\_list> ::= <state> | <state> <state\_list>

<state> ::= <identifier>

<alphabet> ::= "alphabet:" <symbol\_list>

<symbol\_list> ::= <symbol> | <symbol> <symbol\_list>

<symbol> ::= <identifier>

<transitions> ::= "transitions:" <transition\_list>

<transition\_list> ::= <transition> | <transition> <transition\_list>

<transition> ::= <state> <symbol> <state>

<start\_state> ::= "start\_state:" <state>

<final\_states> ::= "final\_states:" <state\_list>

<identifier> ::= <letter> <alphanumeric>\*

<alphanumeric> ::= <letter> | <digit>

<letter> ::= "a" | … |"z" - | "A" |… | "Z"

<digit> ::= "0" | … | "9"