https://github.com/onodibianca/FLCD/tree/master/Lab4/FA

To represent the list of states(Q) I used a dictionary, for the alphabet(Sigma), for the initial state(q0) I used a dictionary, for the set of final states I used a dictionary and for set of transitions I used a dictionary.

<transition> ::= "(" <state> "," <symbol> ")" "->" <state>

<transition_list> ::= <transition> | <transition> <transition_list>

<state> ::= "a" | "b" | "c"

<state_list> ::= <state> | <state> <state_list>

<symbol> ::= "0" | "1"

<symbol_list> ::= <symbol> | <symbol> <symbol_list>

<finite_automata> ::= "Q = {" <state_list> "}"

"E = {" <symbol_list> "}"

"q0 = " <state>

"F = {" <state_list> "}"

"T = {" <transition_list> "}