

<https://github.com/iustinficau/flcd/tree/main/lab4final>

FiniteAutomata
<ul style="list-style-type: none"><li>- Q : List</li><li>- S : List</li><li>- q0 : String</li><li>- F : List</li><li>- S : Tuple</li></ul>
<ul style="list-style-type: none"><li>+ read_fa (string): FiniteAutomata</li><li>+ check_if_deterministic(): Boolean</li><li>+ check_sequence(list): Boolean</li><li>+ print_states()</li><li>+ print_transitions()</li><li>+ print_alphabet()</li><li>+ print_final_states()</li></ul>

## EBNF

Char := -Alphanumeric

Alphanumeric := "0" | .. | "9" | Letter

Letter := "a" | .. | "z" | "A" | .. | "Z"

State := Letter

States := "Q = " {State Space} "\n"

Alphabet := "E = " {Char Space} "\n"

InitialState := "q0 = " State "\n"

FinalStates := "F = " {State Space} "\n"

Transitions := "S = " { "(" State "," Char ")" "->" State "\n" }