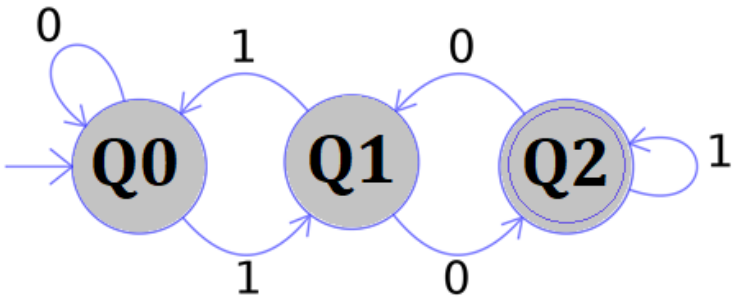
Documentation



A = (Q , Σ , P, q_0, F) – Finite Automaton
Q – set of states **Σ** – alphabet **P** – transitions
q_0– initial state **F** – set of final states

The text file shown below(in.txt):

```
q0 q1 q2
1 0 -1
q0 q0 0
q0 q1 1
q1 q2 0
q2 q2 1
q2 q1 0
q1 q0 1
```

BNF:
<setOfStates> ::= <state> <setOfStates> | <state>
<state> ::= ”q0” | ”q1” | ”q2”
<alphabet> ::= <alphabet_element><alphabet> | <alphabet_element>
<alphabet_element> ::= ‘0’ | ‘1’
<transition> ::= <start> < destination > <value>
<transitions> ::= <transition > <transitions> | <transition >