

Práctica 2

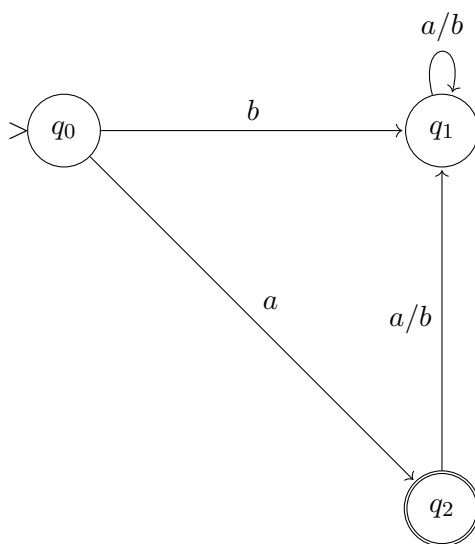
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1 Descripción del autómata

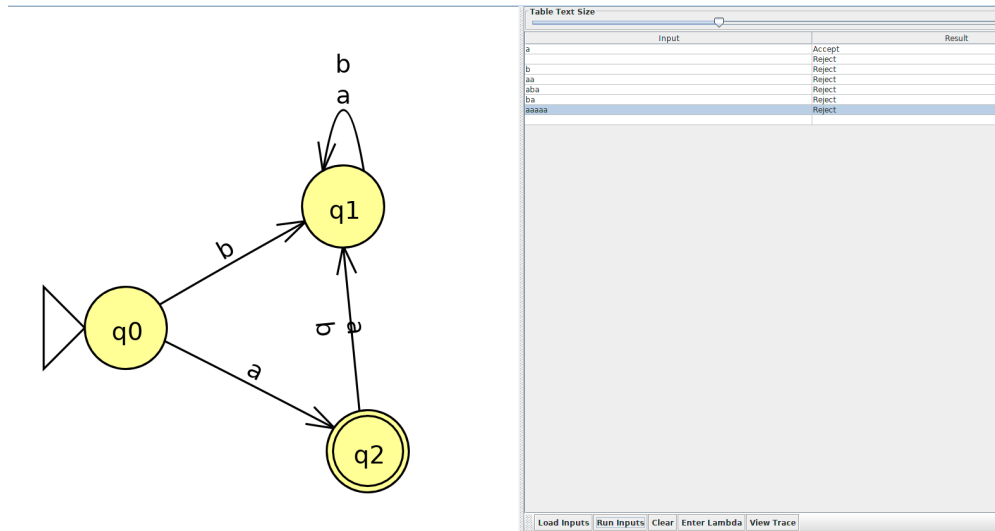
Sea $M = (\{q_0, q_1, q_2\}, \{a, b\}, \delta, q_0, \{q_2\})$ un AFD con:

$\delta(q, \sigma)$	a	b
q_0	q_2	q_1
q_1	q_1	q_1
q_2	q_1	q_1



$(q_0, ab) \vdash (q_2, b) \vdash (q_1, \varepsilon) \wedge q_1 \notin F \Rightarrow ab \notin \mathcal{L}(M)$
 $(q_0, a) \vdash (q_2, \varepsilon) \wedge q_2 \in F \Rightarrow a \in \mathcal{L}(M)$

2 Autómata en JFLAP



3 Autómata en Octave

```

[
  {
    "name" : "string_a",
    "representation" : {
      "K" : ["q0", "q1", "q2"],
      "A" : ["a", "b"],
      "s" : "q0",
      "F" : ["q2"],
      "t" : [
        ["q0", "a", "q2"],
        ["q0", "b", "q1"],
        ["q1", "a", "q1"],
        ["q1", "b", "q1"],
        ["q2", "a", "q1"],
        ["q2", "b", "q1"]
      ]
    }
  }
]

```