

GITHUB LINK: <https://github.com/pelotazos123/FLCD-erasmus/tree/main/DFALab4>

Finite automata made using java. It displays a menú in which you can select between 5 options, to display the set of states, the alphabet, the set of final states, the transitions, or to enter a sentence to be tested. For answering this questions, the first thing it does is to read the given file FA.in, where the dfa is specified.

Dfa in BFA form:

$Q = \{ q_1, q_1 \}$

$E = \{ 0, 1 \}$

$q_0 = q_1$

$F = \{ q_1 \}$

$S = \{$

$(q_1, 1) \rightarrow q_1,$

$(q_1, 0) \rightarrow q_2$

$(q_2, 1) \rightarrow q_1$

$(q_2, 0) \rightarrow q_1$

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