

Link to the github:<https://github.com/Fabianozaur/FLCD/tree/main/lab4>

Class FiniteAutomata contains lists of the state, the alphabet, the initial state , the final states and the transitons

Function readFromFile: goes through a file line by line reads and returns the states and everything else the class contains

Function isDfa: checks if the Finite Automata is a DFA by looking at all the transitions and making sure there isn't a repetition

Function isAccepted: checks if a received sequence of zeroes and ones can get from the initial state in one of the final ones and returns true if that is the case

Class main displays a user interface that calls the functions from Finite Automata based on what the user wants