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AUTOMATA TERM PROJECT

DETERMINISTIC FINITE AUTOMATA

What is DFA?

In DFA, for each input symbol, one can determine the state to which the machine will move. Hence, it is called Deterministic Automaton. As it has a finite number of states, the machine is called Deterministic Finite Machine or Deterministic Finite Automaton.

In the theory of computation, a branch of theoretical computer science, a deterministic finite automaton (DFA)—also known as deterministic finite acceptor (DFA), deterministic finite state machine (DFSM), or deterministic finite state automaton (DFSA)—is a finite-state machine that accepts or rejects strings of symbols and only produces a unique computation (or run) of the automaton for each input string. Deterministic refers to the uniqueness of the computation. In search of the simplest models to capture finite-state machines, Warren McCulloch and Walter Pitts were among the first researchers to introduce a concept similar to finite automata in 1943.

Code

First I wrote the css code to set the indentation of the text from the right and left. Then I wrote the css code to create the header to scroll down the page to show the continuation of the photo. After adding the necessary libraries for the code, I started to create the table structure. I've added a library for the font. According to the structure, I added the texts and pictures. I did example part by using one of the classworks we used in the lesson and I added the diagram.