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Automata Theory

Theory of Computation

↓
processing

Abstract Machine

(or)

Model

Input
→

→ Output

 Vizle

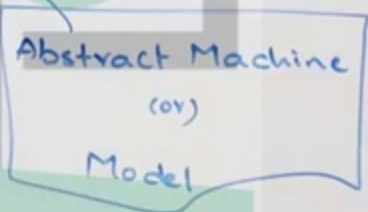
Automata Theory

Theory of Computation

Automata

↓
processing

Input →

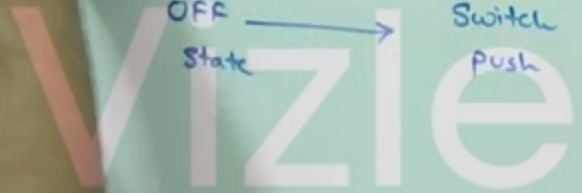


→ Output

OFF State →

Switch push

→ ON State



Automata Theory

High Level Computation



processing

Compiler



lexical Analysis

Automata Theory

Theory of Computation



processing

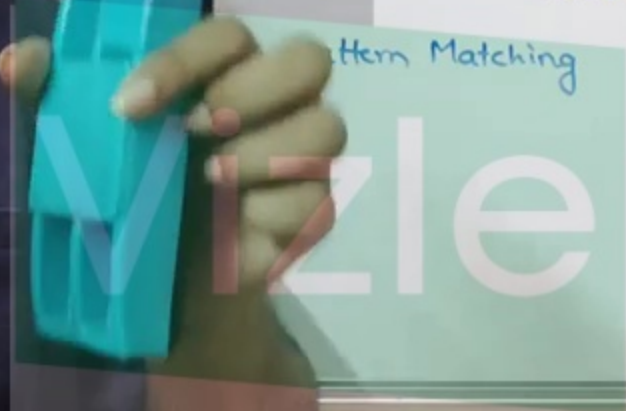
Applications

* Design of Compiler



lexical Analysis

Pattern Matching



Automata Theory

Theory of Computation

Applications

↓
processing

* Design of Compiler

↓
Lexical Analyzer

* Pattern Matching

* Spell check

Valid

id

Automata Theory

Theory of Computations

↓
processing

* Automata

* Computability

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