

Regular Expressions

1. Number

- `Digit+ (\.\Digit+)?`

2. String

- `\"(?:[^\\"\\]|\\.)*\"`

3. Reserved_Keywords

- `(int|float|string|read|write|repeat|until|if|elseif|else|then|return|end)`

4. Comment_Statement

- `/*(\b | \S | \t) **/`

5. Identifiers

- `Letter (Letter| Digit) *`

6. Arithmetic_Operator

- `(+ | - | * | /)`

7. Condition_Operator

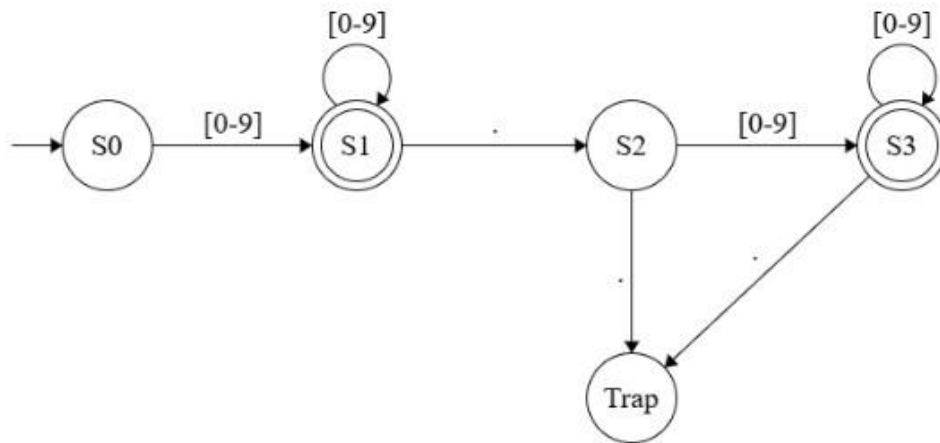
- `(< | > | = | <> | ==)`

8. Boolean_Operator

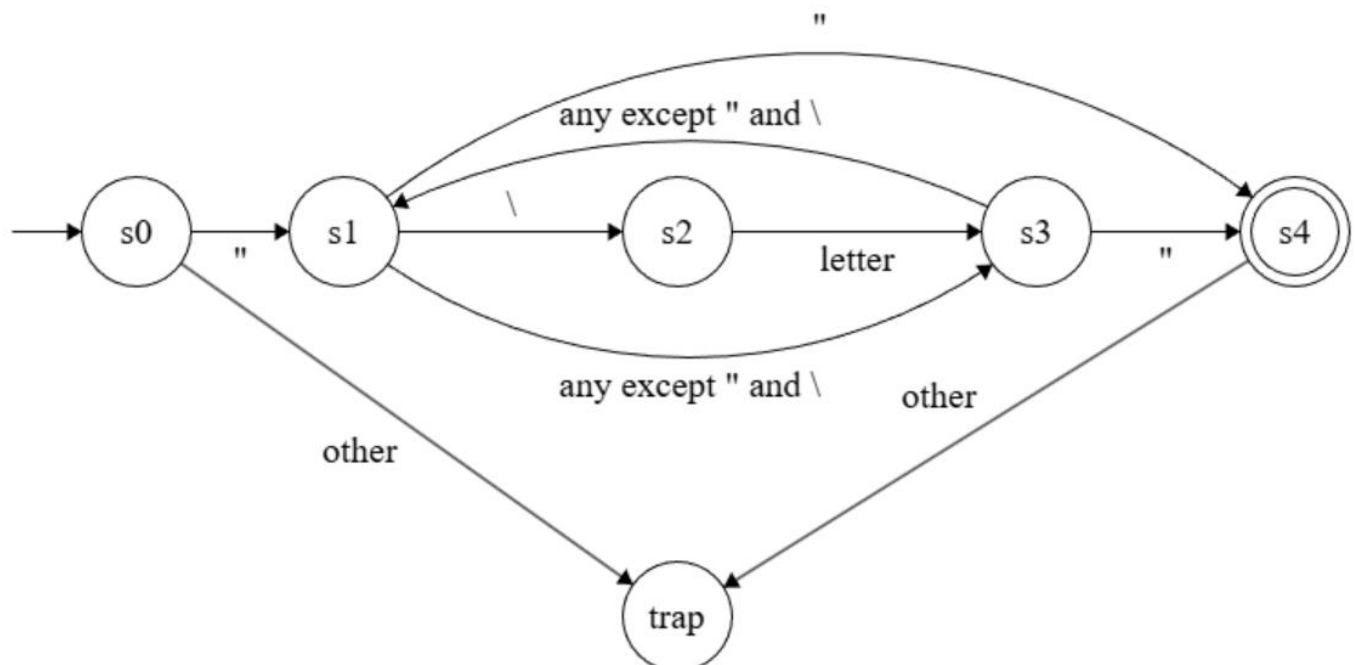
- `(&&)|(\||)`

Deterministic Finite Automata (DFAs)

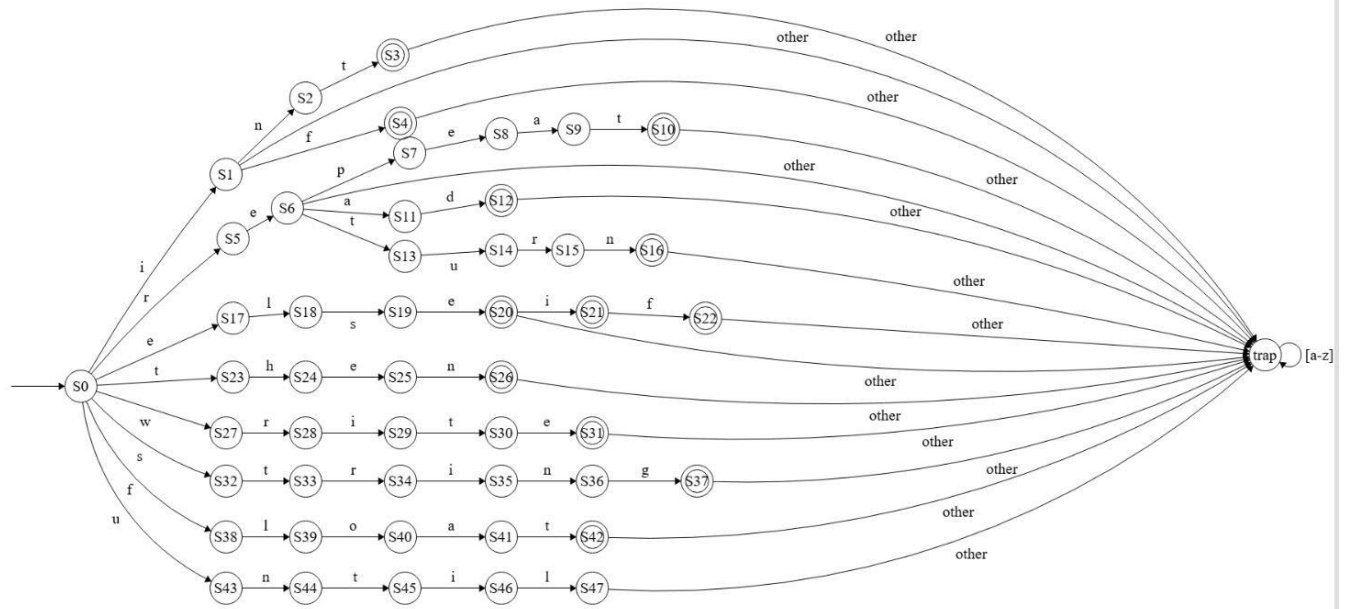
- **Number**



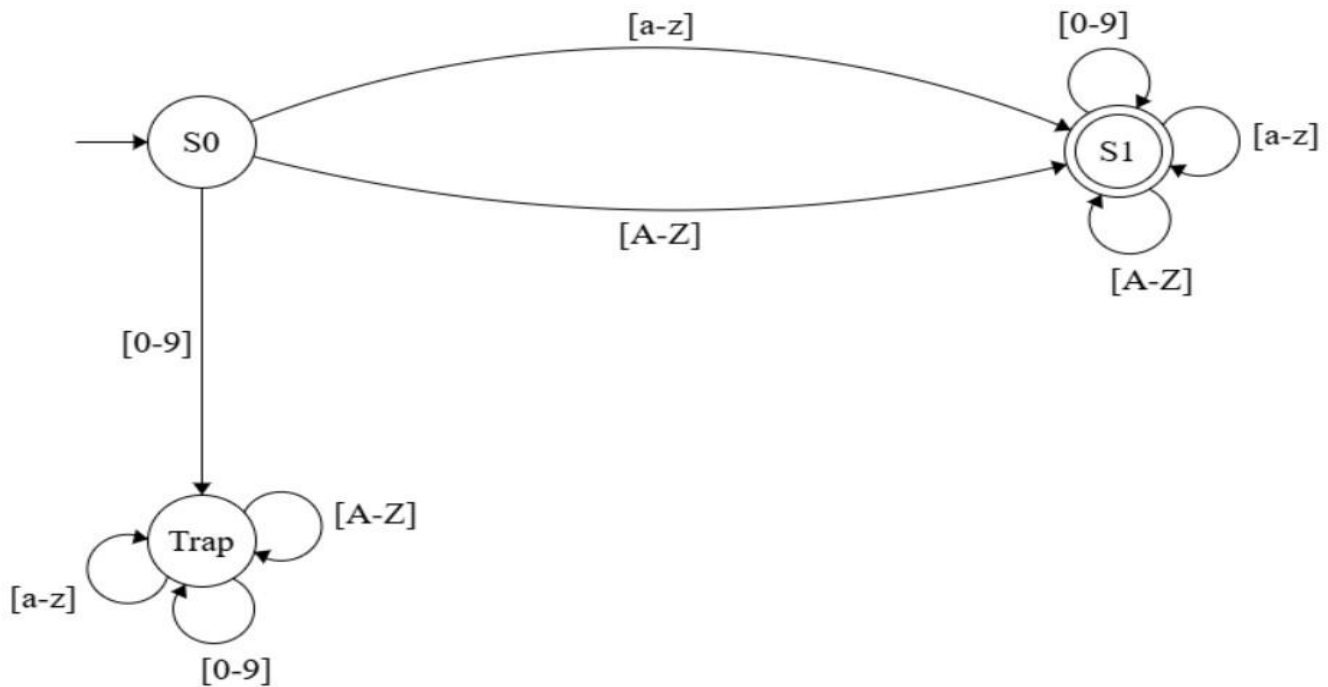
- **String**



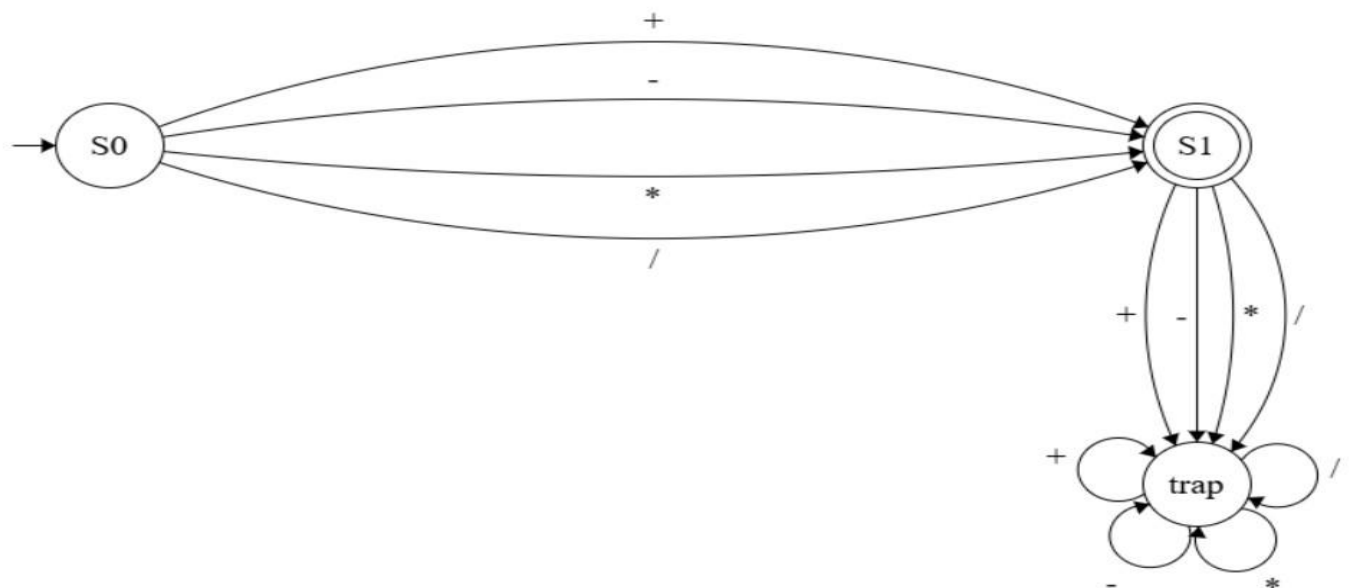
- Reserved_Keywords



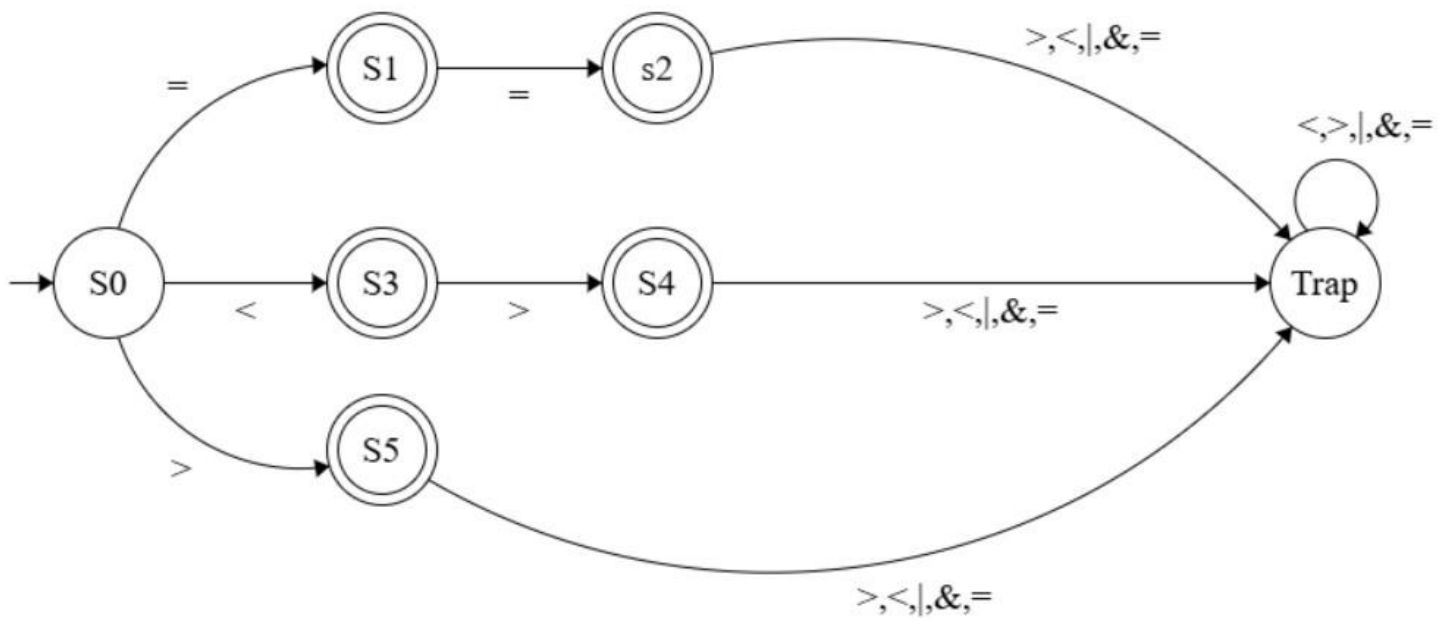
- Identifier



- Arithmetic_Operator



- **Condition_Operator**



- **Boolean_Operator**

