

Lexical Analysis

* Taken Classes:

1) Keywords: Case-insensitive reserved words

- load
- filter
- map
- aggregate
- where
- for
- in

2) Identifiers: Table names, variable names
e.g. employees, salary

3) Literals:

- String literals: e.g. "employees.csv"
- Number literals: e.g. 10, 1500.5

4) Operators: +, -, *, /, =, !=, <, >, <=, >=, ==, /, AND, OR, ., comment

5) Grouping Symbols:

LBRACE ({})

RBRACE (})

LPAREN ()

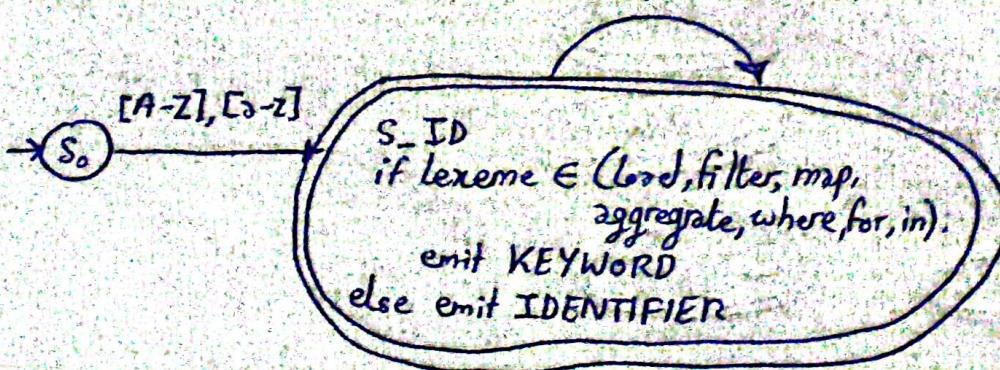
RPAREN ()

* DFAs

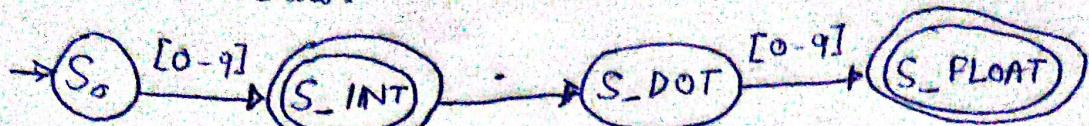
(For each taken class and combined)

1) Keywords and Identifiers:

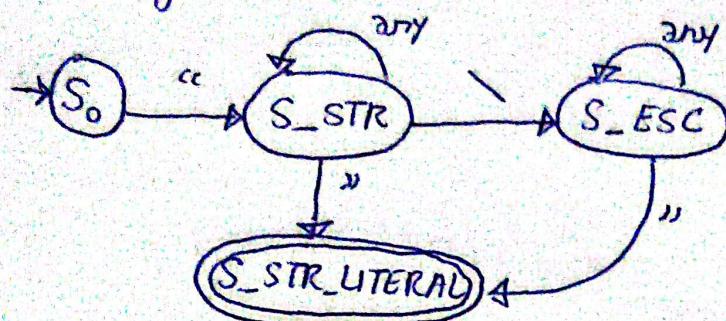
[A-Z], [a-z], [0-9], _



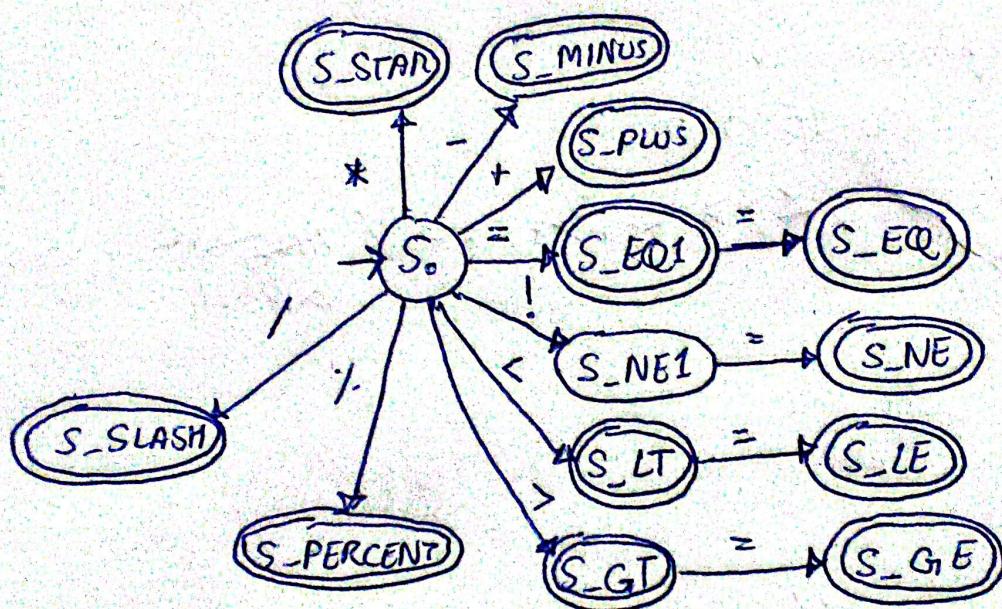
2) Number literals:



3) String literals:



4) Operators:



5: Grouping Symbols:

