- 1) /. Type = ? INT, CHAR?
  - 2. integer = 2 --- 3
  - 3. Literal String = { "Hello world", ... }
  - 4 An identifier of variables and functions: § i, j.k. ab-12, ... 3
  - t. Keywords for special statement: ? IF, ELSE, WHILE ... RETURN?
    - 6 Arithmatic operators: {+. -. \*,/9
    - 7 Assignment operator:  $\xi = \hat{J}$ 
      - 8 Comparison operator:  $\{\langle,\rangle,==,\langle=,\rangle=\}$
    - 9 A terminating symbol of statements: {;}
    - vo A pair of symbols for defining area/scope of Variables and function: 2 2,33
    - (1 A pair of indicating a function: {(,)}
    - (2 A symbol for sperating input arguments in functions: 2, 3
  - (3 Whitespace; Wt[Wn ""
  - 14 Comments ! { "are not allowed" }

1 TOKEN

TYPE

int | char

ALPABET\_S

albloid == 12

DIGIT

0111213141516171819

ALPABET\_M

Albicio -- 12

KEY WORLD

if l else l return l while

OPERATOR

+1-1\*1/

ASSIGNMENT

\_

COMPARISON

</>

<pr

SEMI

>

LBRACE

E

RBRACE

3

LPAREN

(

RPAREN

)

COMMA

9

WHITESPACE

Wt (Wn (" "

2) Regular expression

((-)\*[1-9][0-9]\* (0) Integer " ([A-Z]\*[a-Z]\*[[" "]\*)\*" Literal \_ String Identifier [a-z]\*[o-9,a-z]\* Arithmetic operator + | - | \* | / Comparison operator < Lparen ( Reparen ) Lbrace & Phrace 3 Semi,

Whit space #t/wn/1

Regnard int | char | INT | CHAR

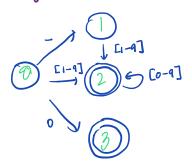




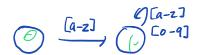
Literal String



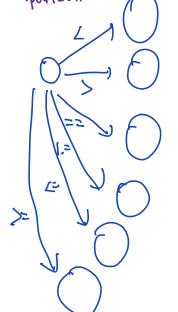
Integer



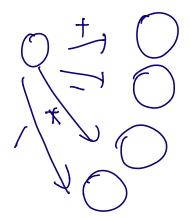
**Identifier** 



Comparison



Arithmetic operation



key-word if else