Digit = 0 | 1 | 2 | 3 | 4 | 5 | 6 | 기 | 8 | 9

Nonzero_digit = 1 | 2 | 3 | 4 | 5 | 6 | 기 | 8 | 9

Letter = A | B | C | ··· | Z | a | b | c | d | ··· | 골

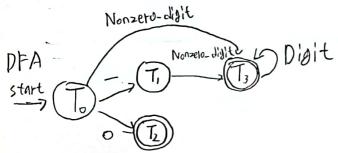
Blank는 한칸의 광백을 의의

편의상 위와같이 정의하고 시각한다.

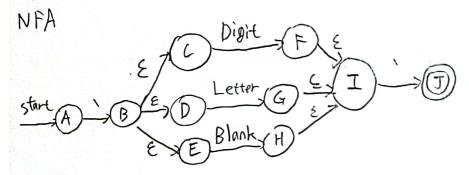
O Variable type (INT) regular expression: int (CHAR) regular expression: char (BOOL) regular expression: boolean stort by D (STR) regular expression: string O Signed Integer: 0 이거나 O으로 시각하지않는 양, 혹은 물의 정수 ex) 0, 51, -10, -100 (INTEGER) regular expression: ((-IE) Nonzero-digit (Digit)*) | 0 NFA To= E-closure(A)= [A,B,C,D,F,G,H,K] T3=E-closure(S(T,Norzerodilt))= [I,J,M] T, = E-closure (\$(To, -1)=] E. G. H] T, = E - closure (fto, 0)= } L, M]

2

	÷.	.0	Nonzero-divit	Digit
To	T	Tz	T ₃	Ø
T	Ø	ø	T ₃	Ø
T ₂	6	Ø	Ø	9
T ₃	Ø	9	d	Ta



O Single Character 8 한글자비 숫자, 알파벳 8백이 ` ` 사이에 있는 < CHARACTER> Regular expression: `(Letter | Digit | Blank)`



$$T_{0} = \mathcal{E} - closure(A) = \{A\}$$

$$T_{1} = \mathcal{E} - closure(\delta(T_{0}, S)) = \{B, C, D, E\}$$

$$T_{2} = \mathcal{E} - closure(\delta(T_{1}, D_{0}, S)) = \{F, I\}$$

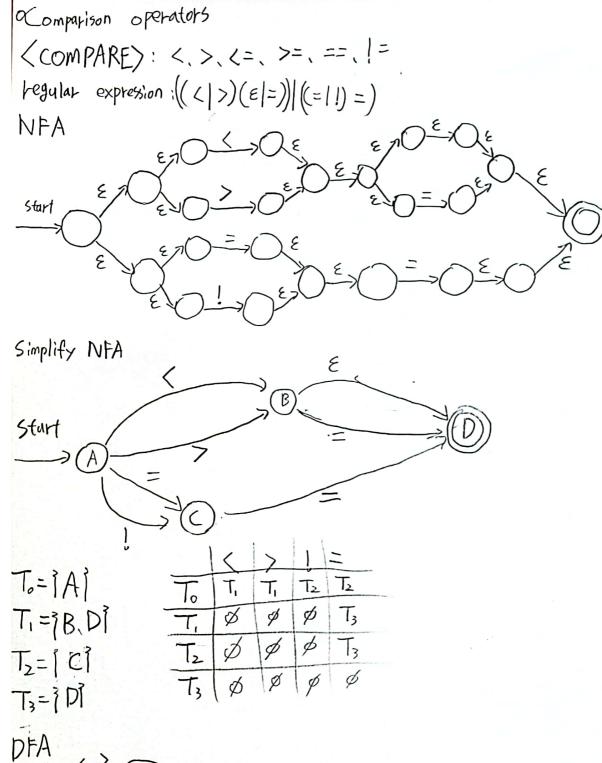
$$T_{3} = \mathcal{E} - closure(\delta(T_{1}, Letter)) = \{G, I\}$$

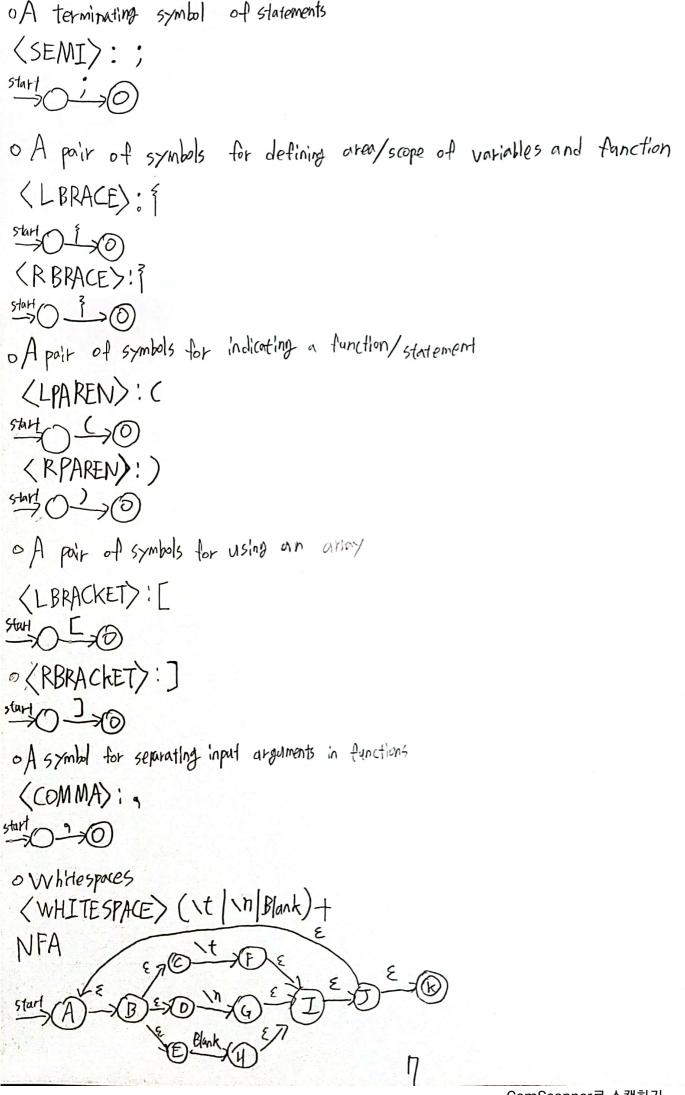
$$T_{4} = \mathcal{E} - closure(\delta(T_{1}, Letter)) = \{H, I\}$$

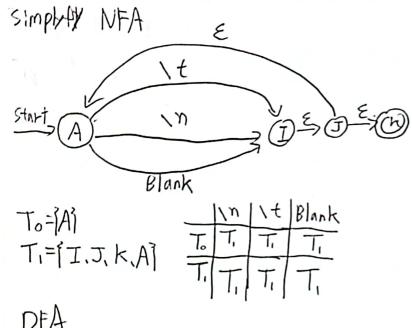
$$T_{5} = \mathcal{E} - closure(\delta(T_{2}, S_{1}, S_{2}, S_{1}, S_{2}, S_{$$

Boolean string: true == false (BOOLEAN) regular expression: (true) | (false) o Literal string: Dialt. Letter. Blank 로이루마인 문자연이 " Nol 에 있음. (STRING) regular expression: 11 (Digit | Letter | Blank)*11 Dioli. Letter. Blank NFA Digit DFA (F) Blank. 11 Digit Letter Blank Digit, Letter, Blank To = { A ? To T3=1L] • An identifier of variables and function (IDENTIFIER)
regular expression: (Letter | _) (Letter | Digit | _)* NFA To=]A, B, C] Ti=jf,G,H,IM,Nj Letter, Digit . -Letter, -DFA (F.H) Letter Digit start

Okey words for special statements (IF) : if start + (EISE): eke 5tart 0 0 0 50 0 0 (WHILE): while start OW O holo o e O (CLASS) : class O Arithmetic operators: xtal quar <PLUS>: + > 0 + 6 <mINUS): -Hart ->6 (MULTIFLY): + 5441 0 *XO (DI VISIOM):/ 5 turl 0/20 o Assignment operator (ASSIGNMENT) :=







DFA

