$D_0 = e\text{-closure}(T_1) = \{T_1, T_2\}$

$D_1 = e\text{-closure}(\delta(D_0, i)) = \{T_2\}$

입력 나머지 letter, digit, underbar Σ 등일

$D_2 = e\text{-closure}(\delta(D_0, +)) = \emptyset$

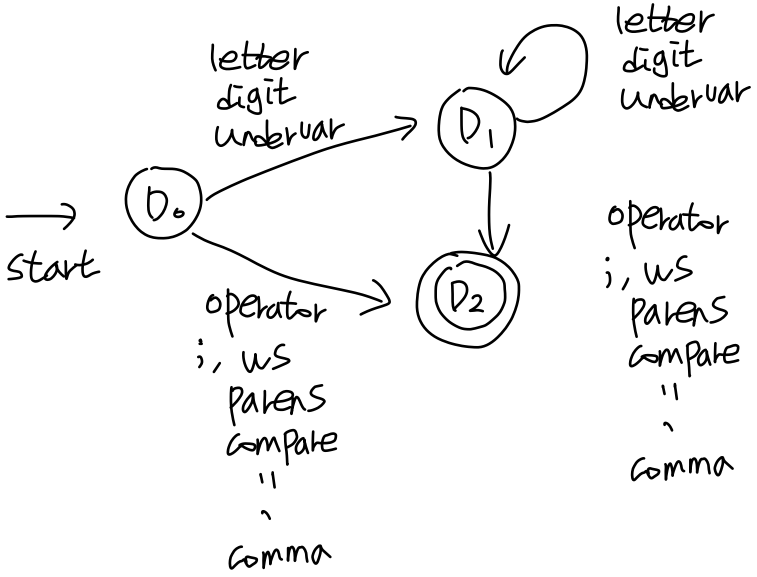
입력 operator, ;, ws, parens, compare, ", ', comma 등일

$D_3 = e\text{-closure}(\delta(D_1, i)) = \{T_2\} = D_1$

입력 나머지 letter, digit, underbar Σ 등일

$D_4 = e\text{-closure}(\delta(D_1, +)) = \emptyset$

입력 operator, ;, ws, parens, compare, ", ', comma 등일


letter
digit
underuar
letter
digit
underuar
start
$D_0$
$D_1$
$D_2$
operator
;, ws
parens
compare
"
`
comma
operator
;, ws
parens
compare
"
`
comma

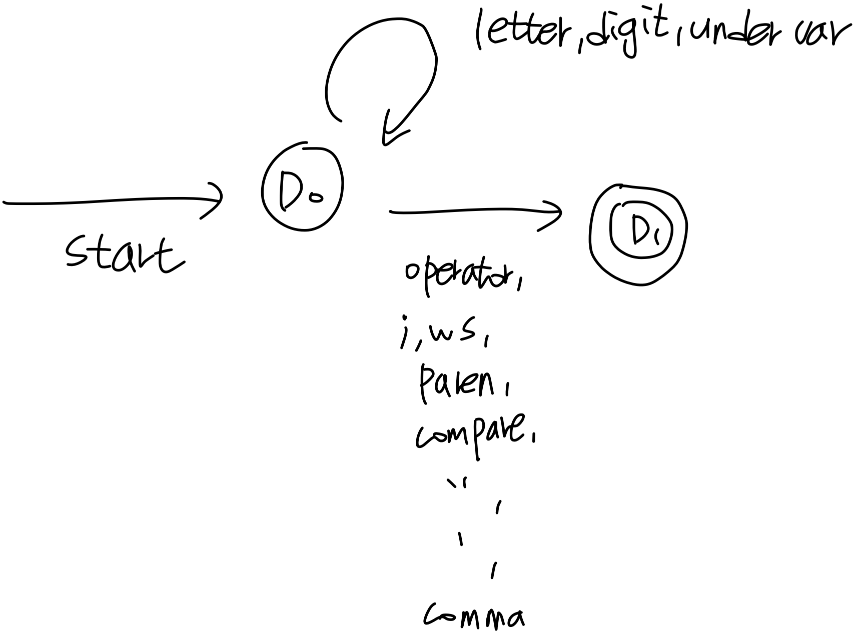
$D_0 = e\text{-closure}(T_2) = \{T_2\}$

$D_1 = e\text{-Closure}(\delta(D_0, \tau)) = \{T_2\}$

입력 letter, digit, undervar 동일

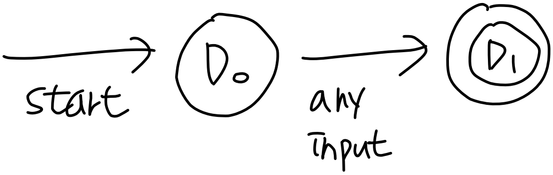
$D_2 = e\text{-closure}(\delta(D_0, t)) = \phi$

입력 operator, ;, ws, Paren, compare, ", ', comma 동일


letter, digit, under var
$D_0$
$D_1$
start
operator,
;, ws,
Paren,
compare,
",
',
comma

$D_0 = e\text{-closure}(T_3) = \{T_3\}$

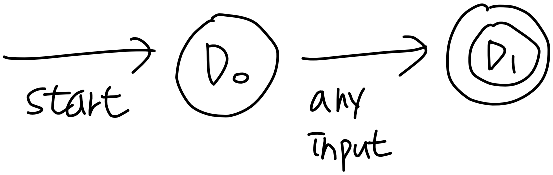
$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \phi$


start
$D_0$
any input
$D_1$

$D_0 = e\text{-closure}(T_4) = \{T_4\}$

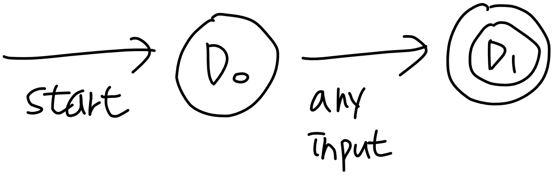
$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \phi$

음수일 때는 예외처리


start
$D_0$
any input
$D_1$

$D_0 = e\text{-closure}(T_5) = \{T_5\}$

$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \phi$


start
$D_0$
any input
$D_1$

$D_0 = e\text{-closure}(T_6) = \{T_2, T_6\}$

$D_1 = e\text{-closure}(\delta(D_0, i)) = \{T_2\}$

입력 letter, digit, undervar 등의

$D_2 = e\text{-closure}(\delta(D_0, +)) = \emptyset$

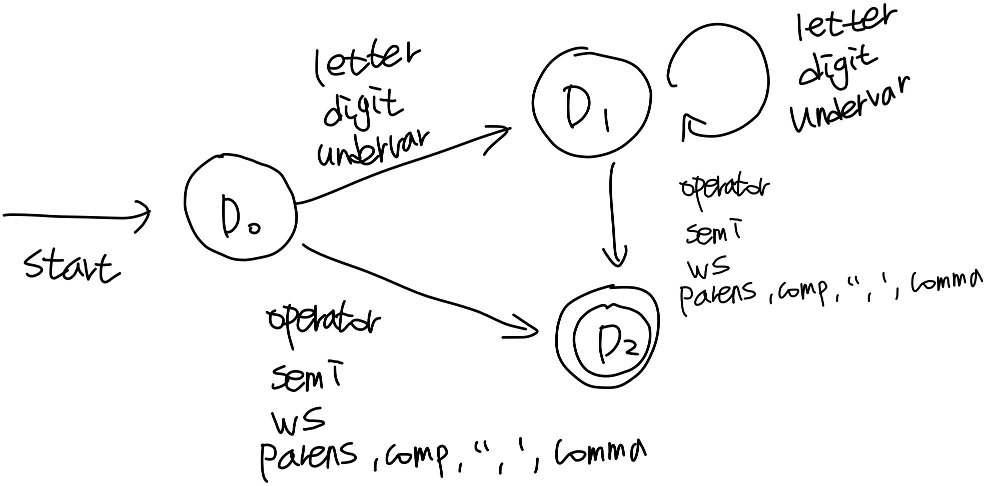
입력 operator, semi, ws, parens, comp, ", ', comma 등의

$D_3 = e\text{-closure}(\delta(D_1, i)) = \{T_2\} = D_1$

입력 letter, digit, undervar 등의

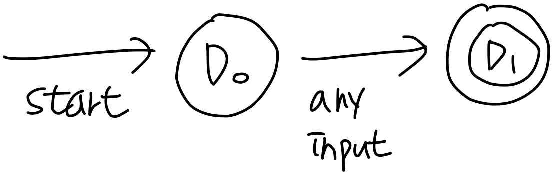
$D_4 = e\text{-closure}(\delta(D_1, +)) = \emptyset$

입력 operator, semi, ws, parens, comp, ", ', comma 등의


start
D0
letter
digit
undervar
D1
letter
digit
undervar
operator
semi
ws
parens, comp, ", ', comma
D2
operator
semi
ws
parens, comp, ", ', comma

$D_0 = e\text{-closure}(T_n) = \{T_n\}$

$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \emptyset$


start
$D_0$
any input
$D_1$

start가 $T_8$, $T_9$, $T_{10}$, $T_{11}$, $T_{12}$, $T_{13}$ 모두 동일

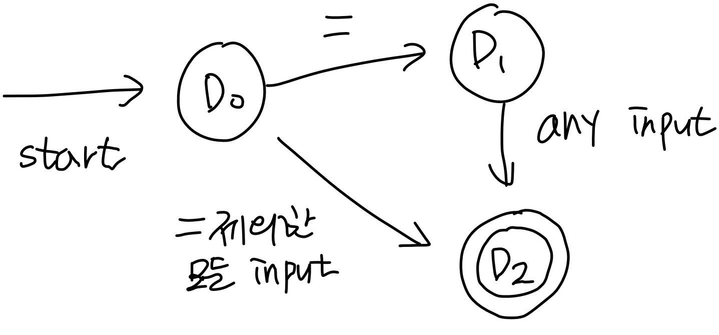
$D_0 = e\text{-closure}(T_{14}) = \{T_{14}, T_{26}\}$

$D_1 = e\text{-closure}(\delta(D_0, i)) = \emptyset$

입력이 =일때 빼고 동일

$D_2 = e\text{-closure}(\delta(D_0, =)) = \{T_{26}\}$

$D_3 = e\text{-closure}(\delta(D_2, \text{any input})) = \emptyset$


start
$D_0$
=
$D_1$
any input
=제외한 모든 input
$D_2$

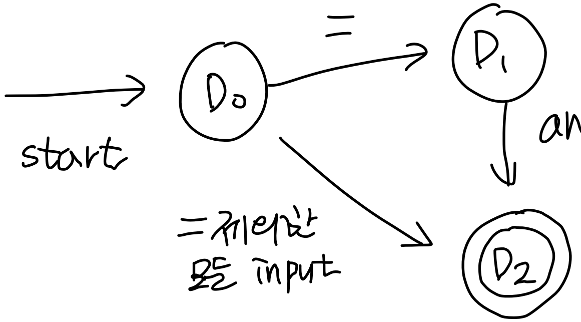
$D_0 = e\text{-closure}(T_{15}) = \{T_{15}, T_{2n}\}$

$D_1 = e\text{-closure}(\delta(D_0, T)) = \emptyset$

입력이 = 일때 빼고 동일

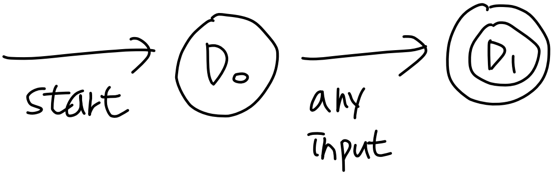
$D_2 = e\text{-closure}(\delta(D_0, =)) = \{T_{2n}\}$

$D_3 = e\text{-closure}(\delta(D_2, \text{any input})) = \emptyset$


=
$D_1$
start
$D_0$
any input
= 제외한
모든 input
$D_2$

$D_0 = e\text{-closure}(T_{19}) = \{T_{19}\}$

$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \emptyset$


start
$D_0$
any input
$D_1$

$T_{20}, T_{22}, T_{23}, T_{24}$ 동일

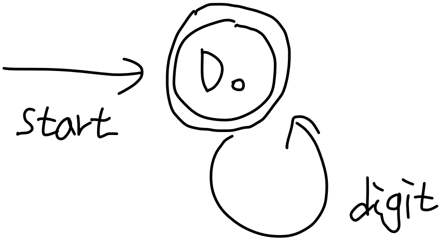
$D_0 = e\text{-closure}(T_{25}) = \{T_{25}\}$

$D_1 = e\text{-closure}(\delta(D_0, i)) = \emptyset$

입력이 0, digit일때 빼고 동일

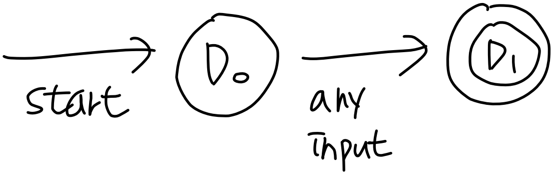
$D_2 = e\text{-closure}(\delta(D_0, 0)) = \{T_{25}\} = D_0$

$D_3 = e\text{-closure}(\delta(D_0, \text{digit})) = \{T_{25}\} = D_0$


start
$D_0$
digit

$D_0 = e\text{-closure}(T_{26}) = \{T_{26}\}$

$D_1 = e\text{-closure}(\delta(D_0, \text{any input})) = \emptyset$


start
D₀
any input
D₁

T27 일때 동일

$D_0 = e\text{-closure}(T_{28}) = \{T_{28}, T_2\}$

$D_1 = e\text{-closure}(\delta(D_0, T)) = \{T_2\}$

입력 letter, digit, undervar 동일

$D_2 = e\text{-closure}(\delta(D_0, +)) = \emptyset$

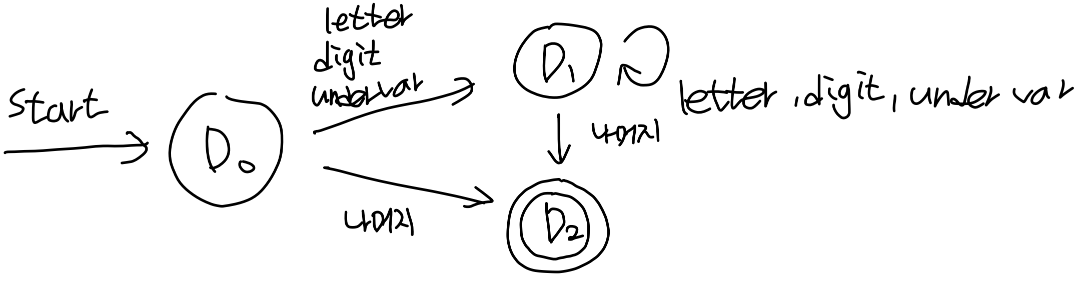
입력 operator, semi, ws, parens, comp, ", ', comma 동일

$D_3 = e\text{-closure}(\delta(D_1, T)) = \{T_2\}$

입력 letter, digit, undervar 동일

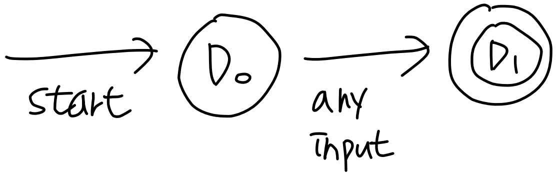
$D_4 = e\text{-closure}(\delta(D_1, +)) = \emptyset$

입력 operator, semi, ws, parens, comp, ", ', comma 동일


start
D₀
letter
digit
undervar
D₁
letter, digit, undervar
나머지
나머지
D₂

$D_0 = \text{e-closure}(T_{29}) = \{T_{29}\}$

$D_1 = \text{e-closure}(\delta(D_0, \text{any input})) = \emptyset$



$T_{30}$ 일때 동일

$D_0 = \text{e-closure}(T_{100}) = \{T_{100}, T_{101}, T_{135}, T_2\}$

$D_1 = \text{e-closure}(\delta(D_0, i)) = \{T_2\}$

입력 n, f, t, operator, ;, underbar, ws, paren,

comp, ", ', comma 빼고 동일

$D_2 = \text{e-closure}(\delta(D_0, n)) = \{T_{101}, T_2\}$

$D_3 = \text{e-closure}(\delta(D_0, f)) = \{T_2, T_{135}\}$

$D_4 = \text{e-closure}(\delta(D_0, t)) = \{T_2, T_1\}$

$D_5 = \text{e-closure}(\delta(D_0, +)) = \emptyset$

입력 operator, ;, underbar, ws, paren, comp, ", ', comma 동일

$D_6 = e\text{-closure}(\delta(D_1, i)) = \{T_2\} = D_1$

letter, digit, undervar 동일

$D_7 = e\text{-closure}(\delta(D_1, +)) = \emptyset$

operator, ;, ws, parens, comp, ", ', comma 동일

$D_8 = e\text{-closure}(\delta(D_2, i)) = \{T_1\}$

t를 제외한 letter, digit 동일

$D_9 = e\text{-closure}(\delta(D_2, t)) = \{T_1, T_2\} = D_4$

$D_{10} = e\text{-closure}(\delta(D_2, +)) = \emptyset$

operator, ;, ws, parens, comp, ", ', comma 동일

$D_{11} = e\text{-closure}(\delta(D_2, \_)) = \{T_2\} = D_1$

$D_{12} = e\text{-closure}(\delta(D_3, i)) = \{T_2\} = D_1$

Letter, digit, undervar 동일

$D_{13} = e\text{-closure}(\delta(D_3, \text{나머지})) = \emptyset$

$D_{14} = e\text{-closure}(\delta(D_4, \text{letter})) = \{T_2\} = D_1$

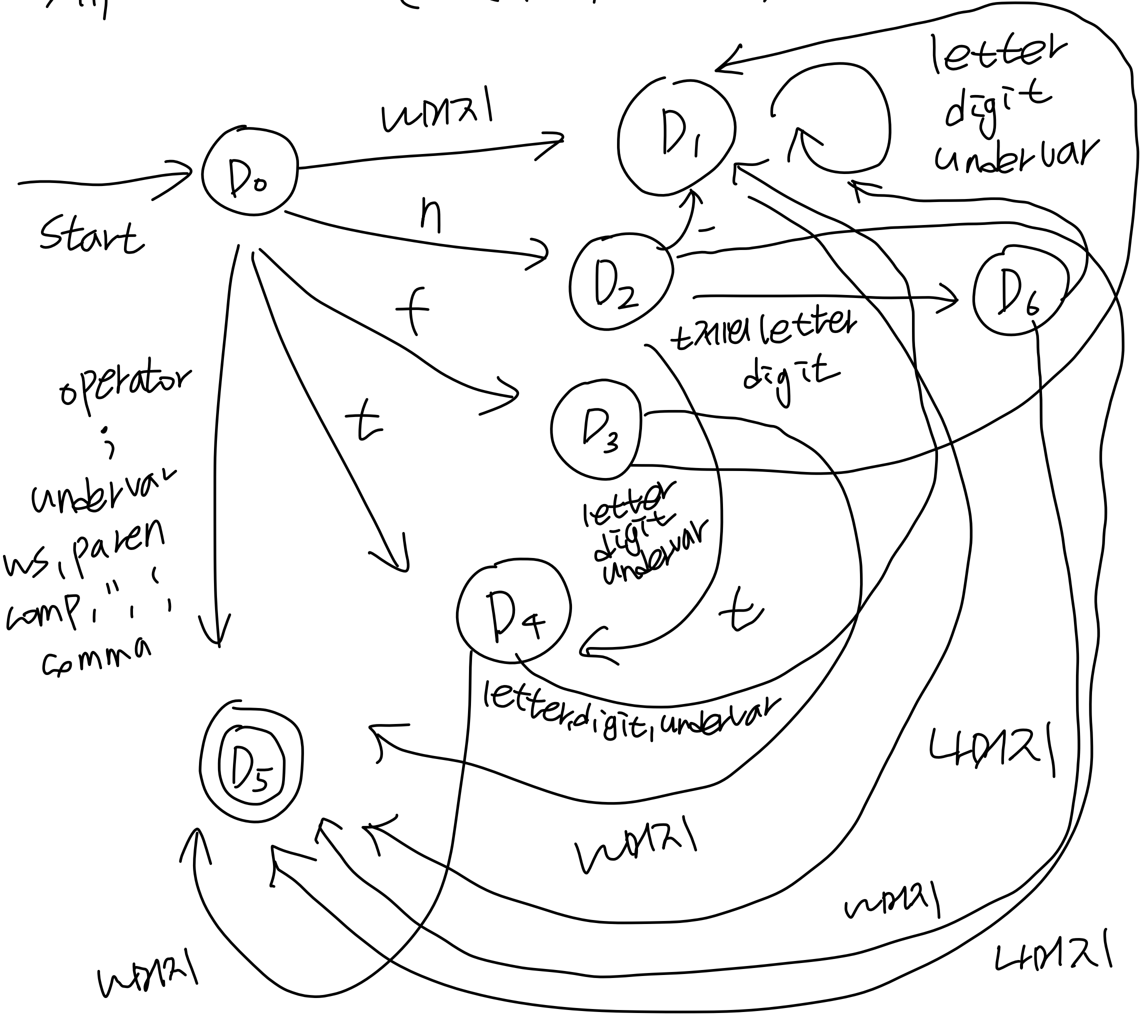
letter, digit, under var 동일

$D_{15} = e\text{-closure}(\delta(D_4, \text{나머지})) = \emptyset$

$D_{16} = e\text{-closure}(\delta(D_8, \text{letter})) = \{T_2\} = D_1$

digit, underbar 동일

$D_{17} = e\text{-closure}(\delta(D_8, \text{나머지})) = \emptyset$


Start
D0
D1
D2
D3
D4
D5
D6
나머지
n
f
t
_
letter
digit
underbar
t제외 letter
digit
operator
;
underbar
ws, paren
comp, ", '
comma
letter
digit
underbar
t
letter, digit, underbar
나머지
나머지
나머지
나머지
나머지