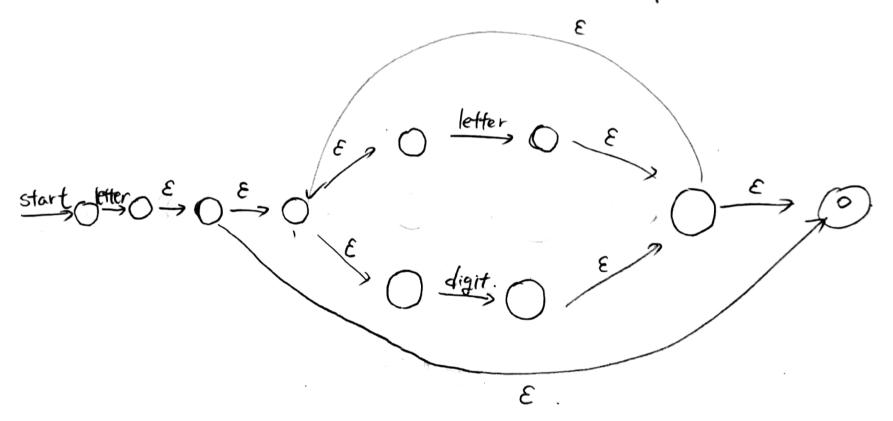
TEAM3 ZMZ (20200453), 引き(20201501)

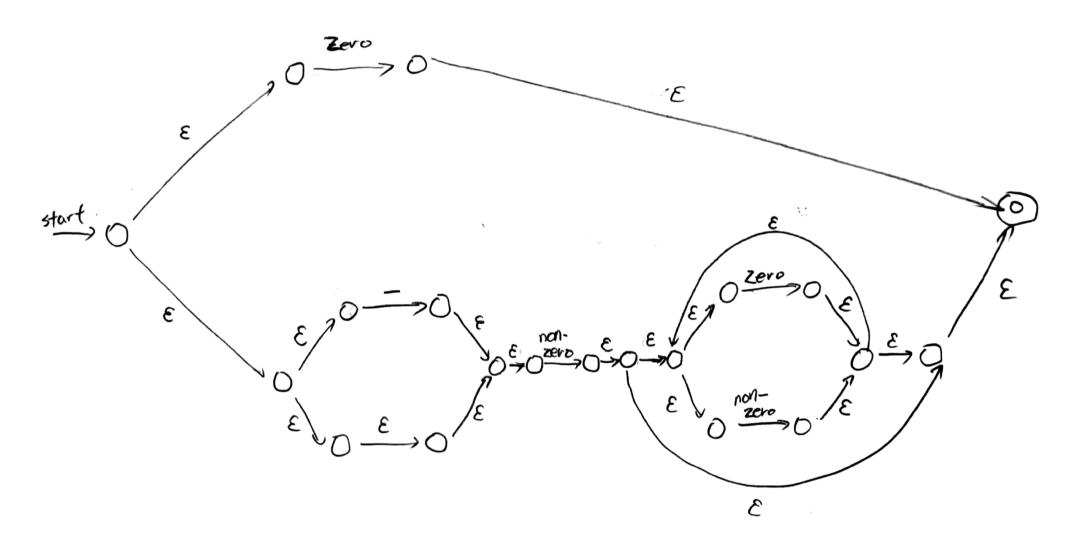
NFA 10: letter (letter | digit)*

digit= 0/1/2/3/4/5/6/1/8/9. letter: albld--- |z|A|B(C|--- |Z



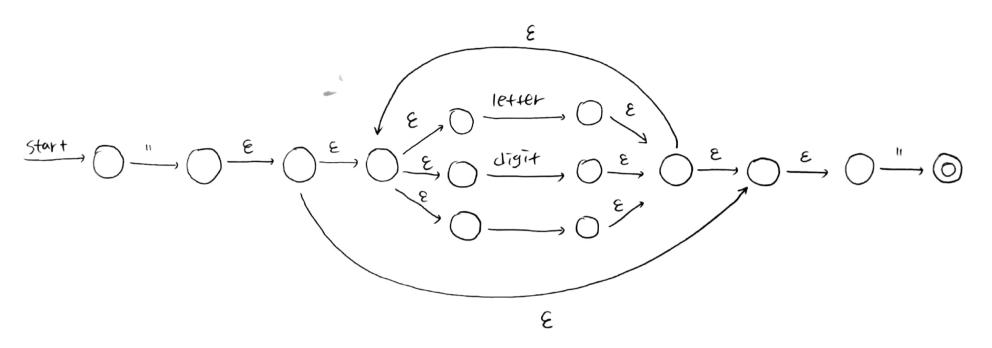
NFA INT : zero ((- | E) non-zero (zero | non-zero)*)

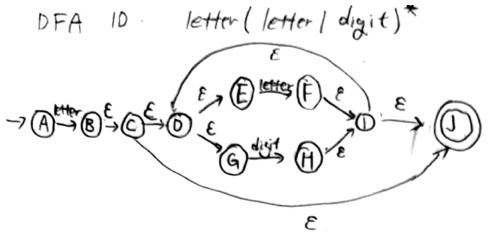
non-zero: 112131415/617/819



NFA STRING: "(letter | digit |) * "

letter: albic1 -- 121 A 1 B 1 C | -- 12 digit: 0111 2131 41516 17 1819





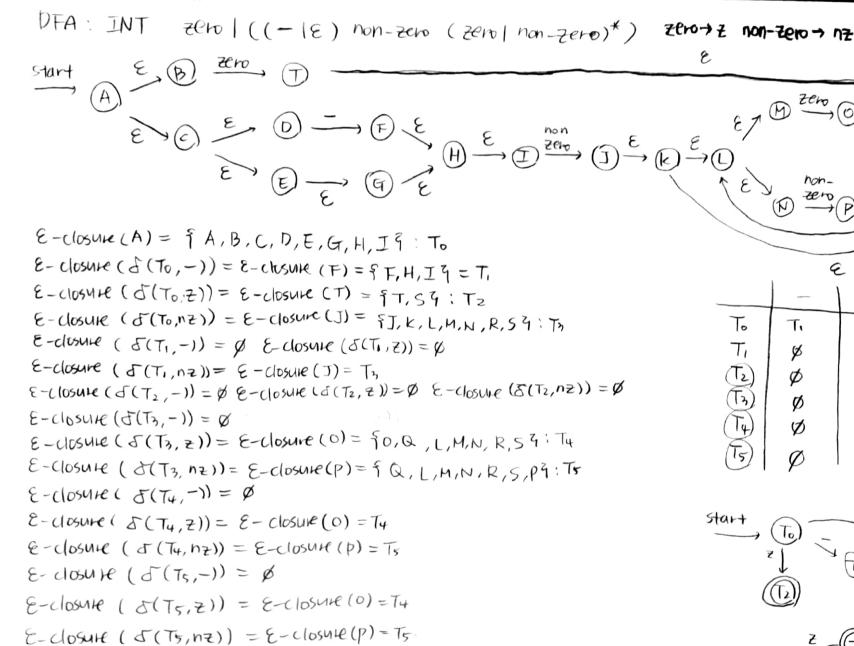
$$T_1 = \varepsilon - closure(\delta(T_0, letter)) = \{B,C,b,E,G,T\}, \xi - closure(\delta(T_0, digit)) = \emptyset$$

$$T_2 = \varepsilon - closure (S(T_1, letter)) = \{b, E, G, F, I, J\}$$

$$\mathcal{E}$$
 - closure $\{\mathcal{E}(T_3, \text{letter})\} = \{\mathcal{D}, \mathcal{E}, \mathcal{G}, \mathcal{F}, \mathcal{I}, \mathcal{I}\} = T_2$

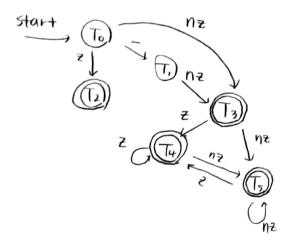
To Ti of Ti Tz T3 Tz Tz T3 T3 Tz T	letters (T) digit stort To letter digit 2 (Ts) 2 digit.

letter

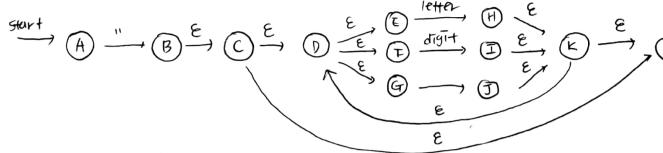


	_	7	nz					
To	Tı	T ₂	T3					
T_i	ø	Ø	T3					
(T2)	Ø	Ø	Ø					
(T3)	Ø	T4	T5					
(Ty)	Ø	T4	Ts					
(T5)	φ	Ty	T5					

8



DFA STRING "(letter | dīgīt |)* " letter > L dīgīt > D



e-closure (A) = FA9: To

E-closure (&(To, ")) = E-closure (B) = ₹ B, C, D, E, F, G, L, M, 3:T,

E-closure (J(To, L)) = Ø E-closure (J(To, D)) = Ø E-closure (J(To,)) = Ø

E-closure (&(T, ")) = E-closure (N) = FN3. Tz

E-closure (5(T,, L)) = E-closure (H) = FH, K, D, E, F, G, L, M9: 73

E-closure (&(T,,D)) = E-closure(I) = &I, K,D,E,F,G,L,MG: T4

E-closur(J(T,)) = E-closur(J) = FJ, K, D, E, F, G, L, M 7: Ts

E-closure (J(T2, ")) = D E-closure (J(T2, ")) = E-closure (N): T2

E-closure ((J(Tz,L))= Ø E-closure (T(Tz,L)) = E-closure (H): Tz

 \mathcal{E} -closure $((\mathcal{F}(T_2,D)) = \emptyset$ \mathcal{E} -closure $(\mathcal{F}(T_3,D)) = \mathcal{E}$ -closure $(\mathcal{F}(T_3$

 \mathcal{E} -closure(($\mathcal{J}(T_2, 1) = \emptyset$ \mathcal{E} -closure($\mathcal{J}(T_3, 1) = \mathcal{E}$ -closure($\mathcal{J}(T_3, 1) =$

E-closure (5(T4,")) = E-closure (N): T2

E-closure (5(T4, L)) = E-closure (H): T3

E-Closure (&(T4,D)) = E-Closure (I) :Tu

E-Closure (J(T4, 1) = E-closure(J): T5

&-closure (of (Ts, ")) = &-closure (N): Tz

E-closure (I(To, L)) = E-closure (H): Tz

&-closure (J(Ts,D)) = E-closure (I): Tu

E-closure (J(Ts.)) = E-closure (J): To

	11	L	D	
T	Τ.	Ø	Ø	Ø
T,	T2	T3	T4	T5
T ₂	Ø	Ø	Ø	Ø
T,	T2	T3	T4	Ts
T ₄	Tz	T ₃	T4	Ts
Ts	Tz	Ts	T4	T5

