

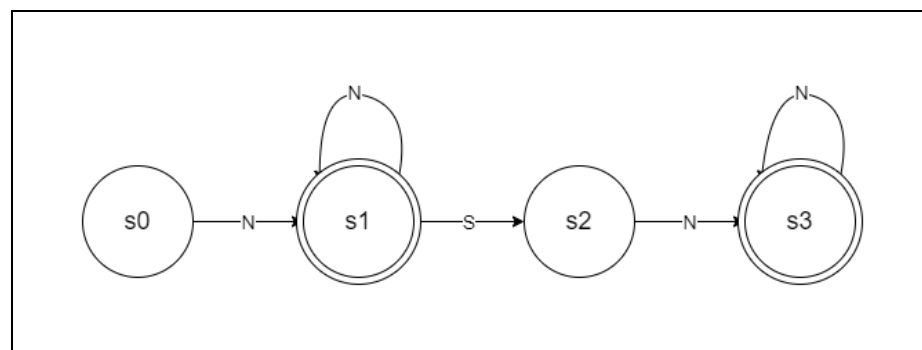
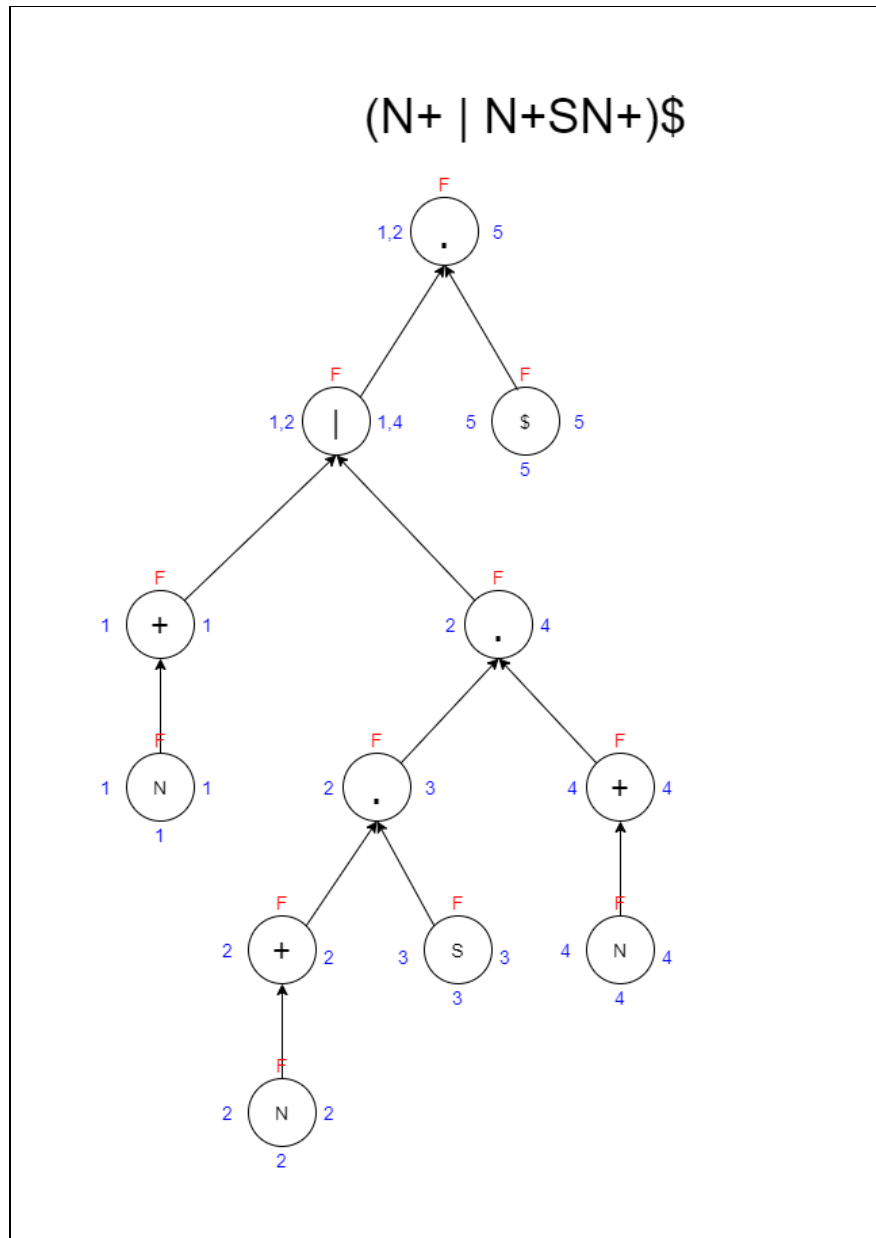
Autómatas

Alfabeto:

$$\Sigma = \{L, N, S, C, A, D, P, U, E, R, F\}$$

Símbolo	Descripción	ASCII
L	Letras mayúsculas y minúsculas	65-90, 97-112, 209, 241
N	Cifras 0-9	48-57
S	Símbolos	33-126 (Exceptuando a los que están en esta tabla)
C	Comillas (“ ”)	34
A	Asterisco(*)	42
D	Diagonal(/)	47
P	Punto(.)	46
U	Guión bajo(_)	95
E	Espacio(“ ”)	32
R	Tecla Enter	13
F	Nueva Línea	10

Números(Enteros/Decimal)



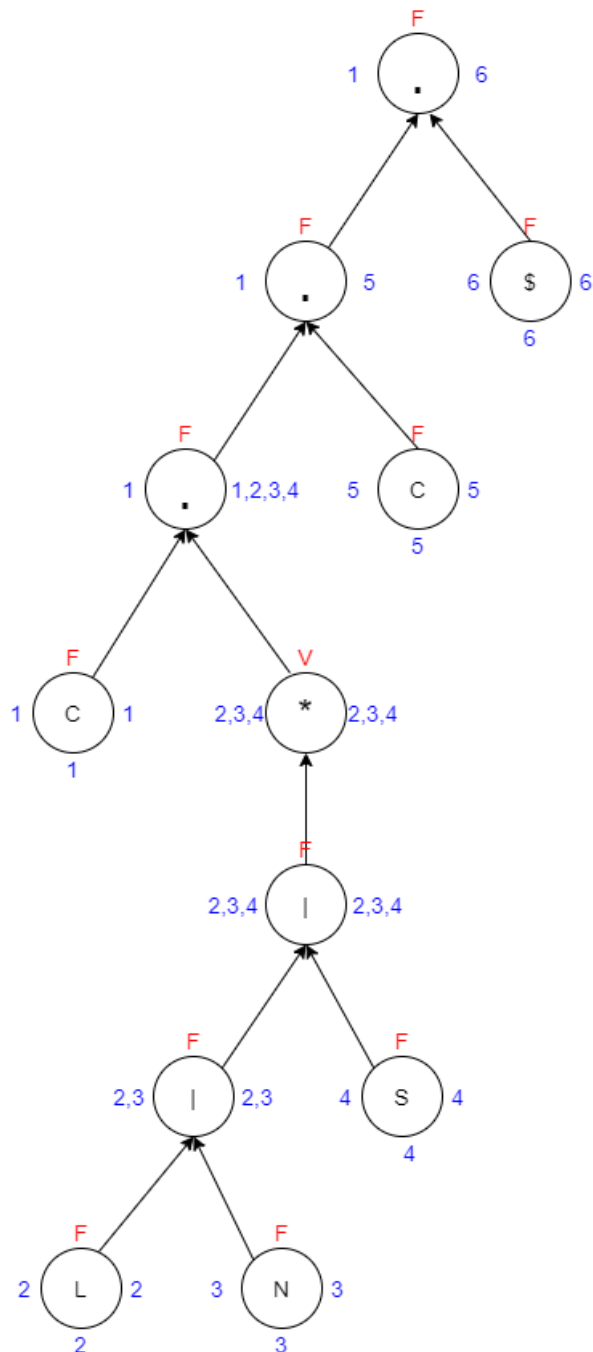
Números		
No	Sigma	Siguientes
1	N	1,5
2	N	2,3
3	P	4
4	N	4,5
5	\$	-

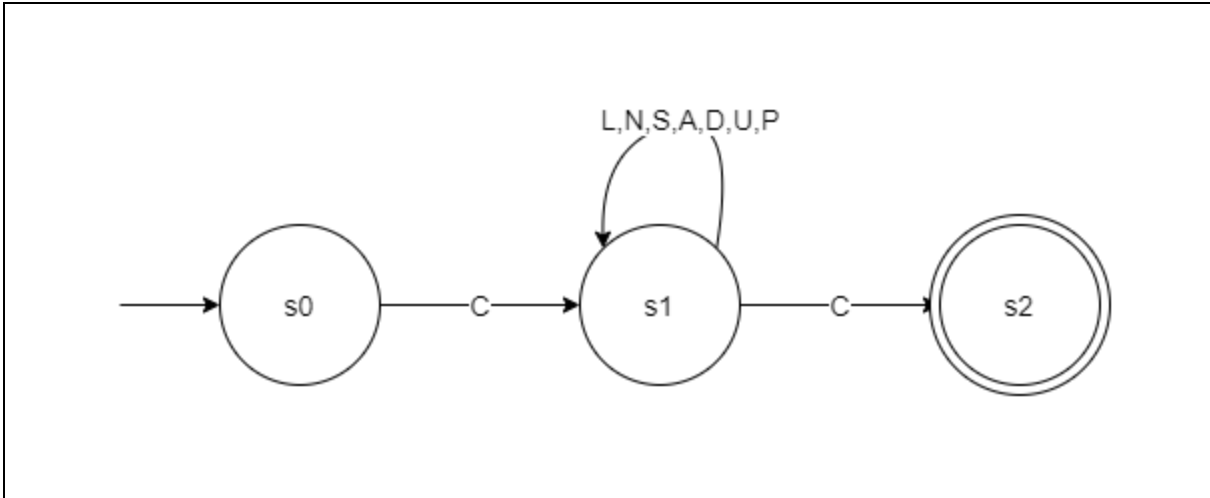
Estados	Siguientes	Transición
$s_0 = \{1,2\}$	$s(N) = s(1) \cup s(2) = \{1,2,3,5\} \rightarrow s_1$	$d(s_0, N) = s_1$
$s_1 = \{1,2,3,5\}$	$s(N) = s_1$	$d(s_1, N) = s_1$
	$s(P) = 4 \rightarrow s_2$	$d(s_1, P) = s_2$
$s_2 = \{4\}$	$s(N) = \{4,5\} \rightarrow s_3$	$d(s_2, N) = s_3$
$s_3 = \{4,5\}$	$s(N) = \{4,5\} \rightarrow s_3$	$d(s_3, N) = s_3$

	0	1
Estado	N	P(.)
0	1	
1	1	2
2	3	
3	3	

String(con comillas)

$C(L|N|S)^*C\$$





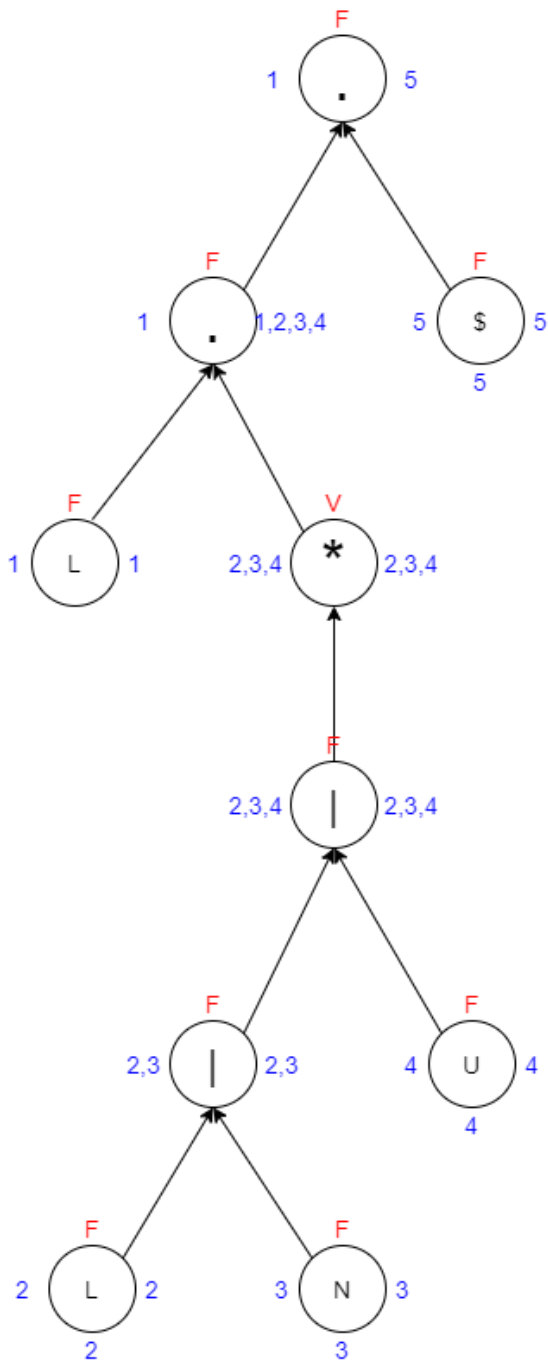
String con Comillas		
No	Sigma	Siguientes
1	C	2,3,4,5
2	L	2,3,4,5
3	N	2,3,4,5
4	S	2,3,4,5
5	C	6
6	\$	-

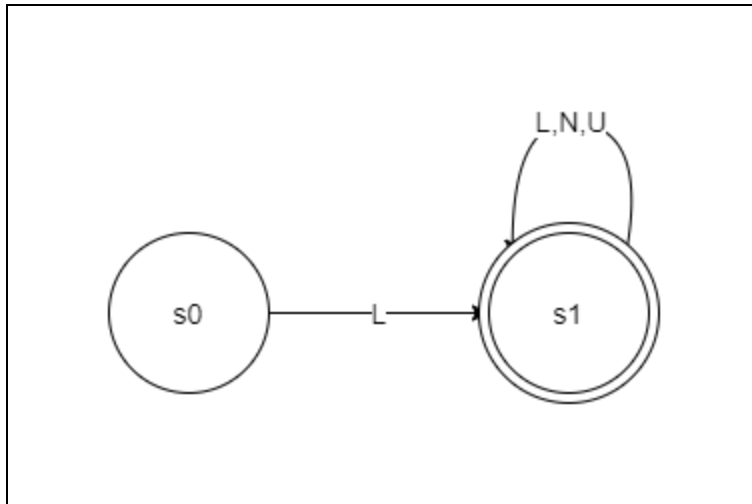
Estados	Siguientes	Transición
$s0 = \{1\}$	$s(C) = \{2,3,4,5\} \rightarrow s1$	$d(s0, C) = s1$
$s1 = \{2,3,4,5\}$	$s(L) = \{2,3,4,5\} \rightarrow s1$	$d(s1, L) = s1$
	$s(N) = s1$	$d(s1, N) = s1$
	$s(S) = s1$	$d(s1, S) = s1$
	$s(C) = \{6\} \rightarrow s2$	$d(s1, C) = s2$

ESTADO	C("")	L	N	S	A(*)	D(/)
0	1					
1	2	1	1	1	1	1
2						

Cadenas

$L+(L|N|U)^*\$$





Cadenas		
No	Sigma	Siguientes
1	L	2,3,4,5
2	L	2,3,4,5
3	N	2,3,4,5
4	U	2,3,4,5
5	\$	-

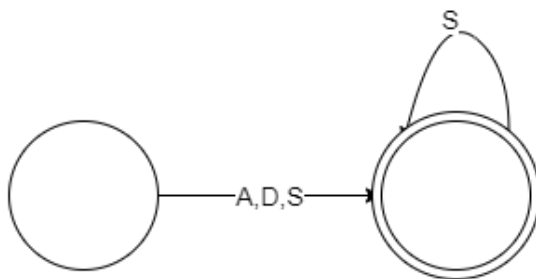
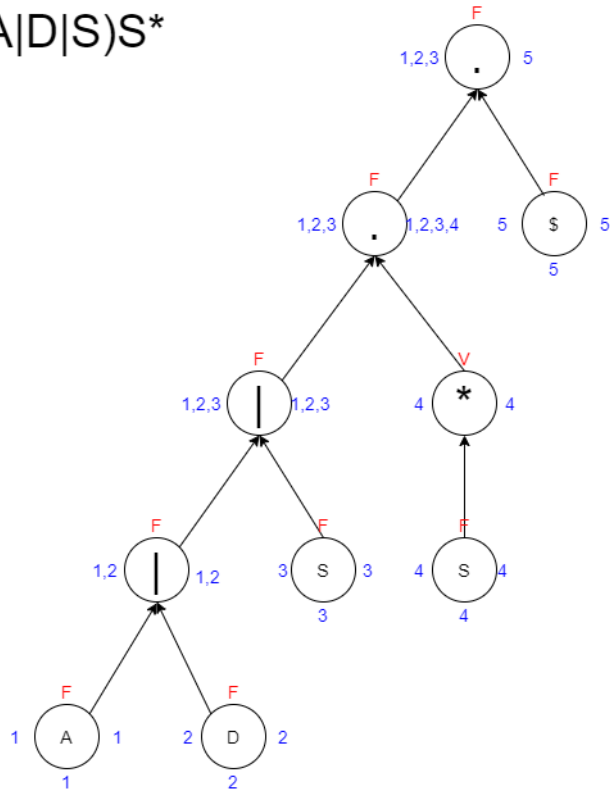
Estados	Siguientes	Transición
$s0 = \{1\}$	$s(L) = \{2,3,4,5\} \rightarrow s1$	$d(s0, L) = s1$
$s1 = \{2,3,4,5\}$	$s(L) = s1$	$d(s1, L) = s1$
	$s(N) = s1$	$d(s1, N) = s1$
	$s(U) = s1$	$d(s1, U) = s1$

Estado	L	N	U
0	1		
1	1	1	1

Comentario/Simbolo

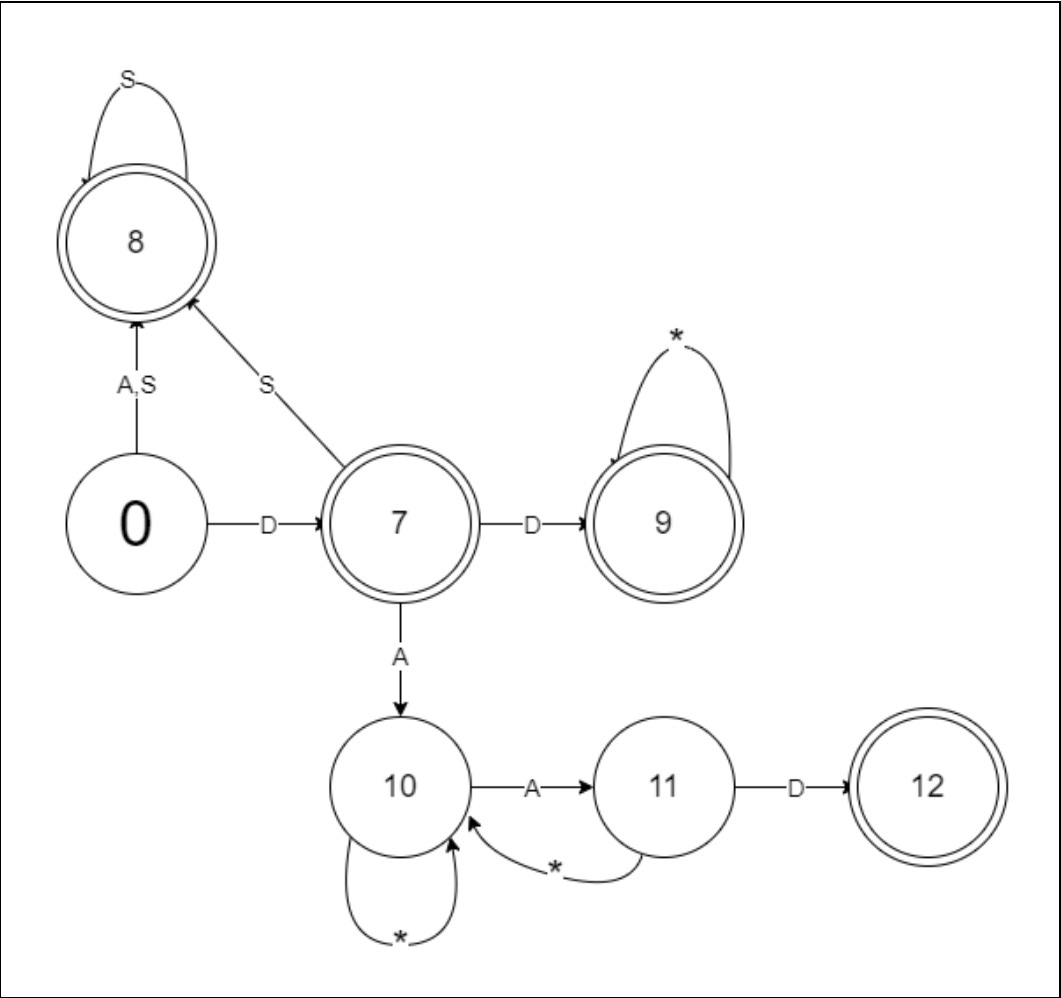
$[(A|D|S)S^* \mid DD(L|N|S|C|A|D|P|U)^* \mid DA(L|N|S|C|A|D|P|U)^*AD]\$$

$(A|D|S)S^*$



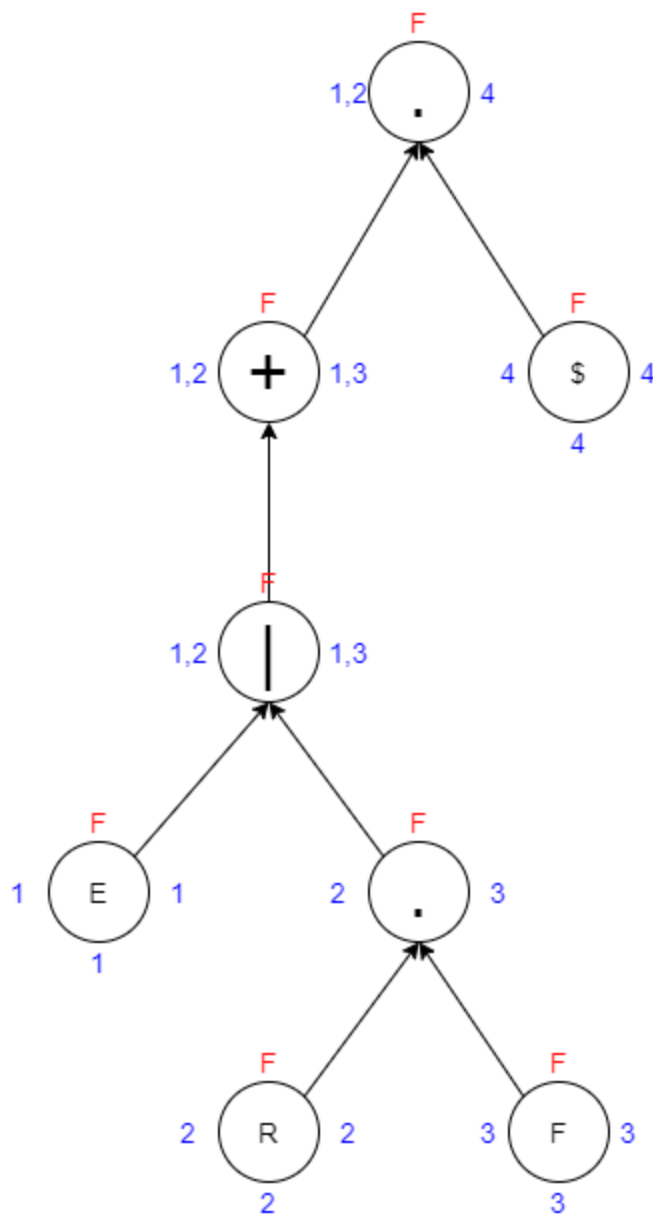
Operadores		
No	Sigma	Siguientes
1	A	4,5
2	D	4,5
3	S	4,5
4	S	4,5
5	\$	-

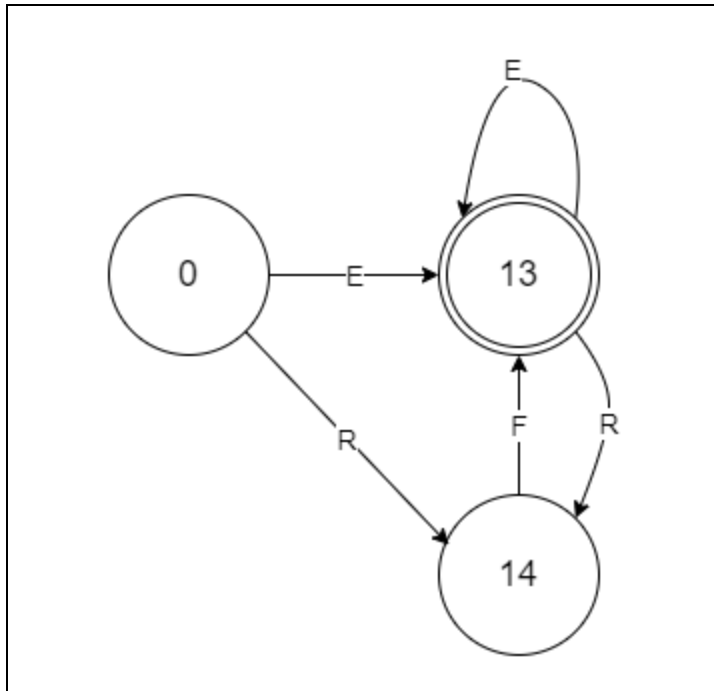
Estados	Siguientes	Transicion
s0 = {1,2,3}	s(A) = {4,5} -> s1	d(s0,A) = s1
	s(D) = s1	d(s0,D) = s1
	s(S) = s1	d(s0,S) = s1
s1 = {4,5}	s(S) = s1	d(s1,S) = s1



Fin Sentencia

$(E|RF)+\$$





Fin Sentencia		
No	Sigma	Siguientes
1	E	1,2,4
2	R	3
3	F	1,2,4
4	\$	

Estados	Siguientes	Transiciones
$s_0 = \{1,2\}$	$s(E) = \{1,2,4\} \rightarrow s_1$	$d(s_0, E) = s_1$
	$s(R) = 3 \rightarrow s_2$	$d(s_0, R) = s_2$
$s_1 = \{1,2,4\}$	$s(E) = s_1$	$d(s_1, E) = s_1$
	$s(R) = 3 \rightarrow s_2$	$d(s_1, R) = s_2$
$s_2 = \{3\}$	$s(F) = s_1$	$d(s_2, F) = s_1$

Tabla Final de Estados y Transiciones

[illegible]