Instituto Tecnológico y Estudios Superiores de Monterrey

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Actividad 3.1 Analizador Léxico C-

Símbolos especiales:

Expresiones Regulares:

ID = letra letra*

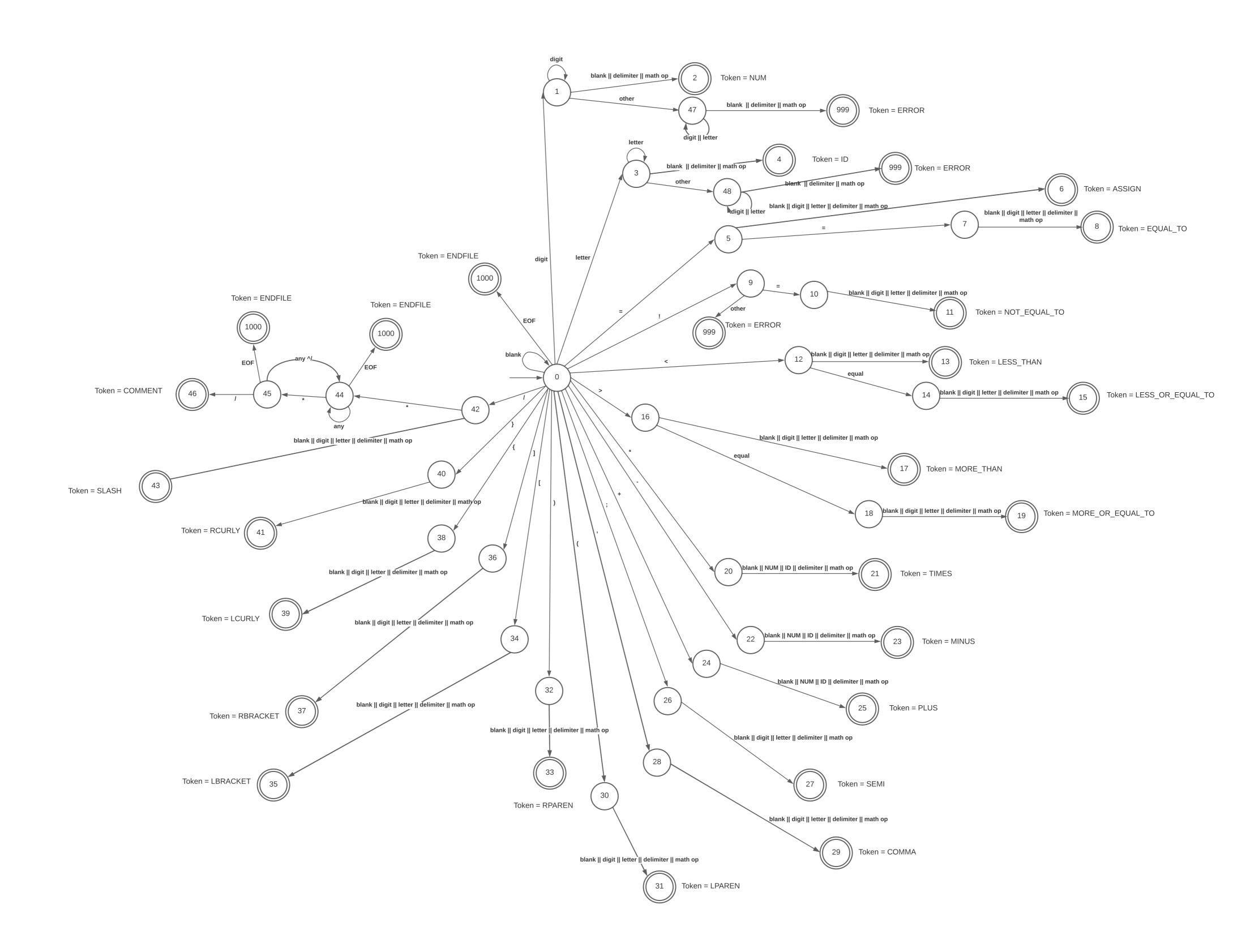
Letra = a|..|z|A|..|Z

NUM = digito digito*

Digito = 0|..|9

Autómata Finito Determinista:

Autómata Finito Determinista del Lexer del lenguaje C- (C Minus)



Matriz de transición:

STATE / CHAR	digit	letter	blank	"+"	"_"	*	,	<	>	ı.	"="			()	Г]	{	}	\$
0	1	3	0	24	22	20	42	12	16	9	5	26	, 28	30	32	34	36	38	40	1000
1	1	47	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
3	48	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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9	49	49	49	49	49	49	49	49	49	49	10	49	49	49	49	49	49	49	49	49
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11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
16	17	17	17	17	17	17	17	17	17	17	18	17	17	17	17	17	17	17	17	17
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
22	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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32	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33	33
33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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36	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37
37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000
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48	48	48	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
49	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999	999
999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1000