Universidad Rafael Landívar Faculta de Ingeniería Ingeniería en Informática y Sistemas Lenguajes Formales y Autómatas Catedrático: Ing. Moisés Alonso



Segunda Entrega Proyecto LFA "Generador de Scanner"

Sergio Daniel Lara Vásquez Carne 1044418

Ciudad de Guatemala, 15 de abril de 2020.

SET DE PRUEBAS

Expresiones regulares:

Gramática.txt

Prueba 2-1

```
((<DIGITO>.<DIGITO>*)|(=)|(/<)|(>)|(>.=)|(/<.=)|(/+)|(-)).#
```

Prueba 2-2

((A.N.D)|(M.O.D)|(<NUMBER>.<NUMBER>*)).#

Tabla First, Last y Follow

Gramática.txt

Simbolo	First	Last	Nullable ^										
<digito></digito>	1.	1.	False	ш	<charset></charset>	7.	7.	False		li li	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
	1.	1, 2,	False			6.	8.	False		>	14,	14.	False
<digito></digito>	2.	2,	False			8.	8.	False			14,	15,	False
	2.	2,	True		T.	1, 3, 6, 9,	1, 2, 5, 8, 9,	False			15,	15,	False
I	1, 3, 6,	1, 2, 5, 8,	False		-	9.	9.	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
-	3,	3,	False		T.	1, 3, 6, 9, 10,	1, 2, 5, 8, 9, 11,	False		/<	16,	16.	False
	3,	4.	False		/<	10.	10.	False			16,	17.	False
<charset></charset>	4.	4.	False			10.	11.	False		-	17.	17.	False
	3,	5,	False		>	11.	11.	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
-	5.	5,	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		/+	18,	18,	False
L	3, 6,	5, 8,	False		/<	12.	12,	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
	6.	6.	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False			19.	19.	False
	6.	7.	False		>	13,	13,	False		I	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
0	20.	20.	False	ΙĖ		26,	27,	False	_ 	0	33.	33.	False
T.	20.	21.	False		0	27.	27,	False			32.	34.	False
R	21.	21.	False			26,	28,	False		Т	34.	34.	False
1	1, 3, 6, 9, 10, 12,	1. 2. 5. 8. 9. 11	False		D	28.	28,	False		1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
/-	22.	22.	False	Ш		1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		/(35.	35.	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		D	29.	29.	False			35,	36,	False
A	23,	23.	False			29.	30,	False		/*	36,	36,	False
	23,	24.	False		1	30.	30,	False		ı	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
N	24,	24.	False			29.	31,	False		/*	37,	37.	False
	23,	25.	False	Ш	V	31.	31,	False			37.	38,	False
D	25,	25.	False	Ш	ı	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		/)	38,	38,	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False	Ш	N	32,	32,	False		I.	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
М	26,	26.	False			32,	33,	False	T	:	39,	39.	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False	ΪĒ	1	46.	46.	False			'		
/.	40.	40.	False		i	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False	- 1				
1	1, 3, 6, 9, 10, 12,	1. 2. 5. 8. 9. 11	False		/.	47.	47.	False	- 1				
{	41.	41,	False			47.	48,	False					
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		1.	48.	48,	False	- 11	l l	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False
}	42.	42.	False			1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		<letra></letra>	53.	53,	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		:	49.	49.	False			53.	53, 54, 55,	False
/(43,	43,	False	Ш	ı	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		<letra></letra>	54.	54,	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False	П		50.	50,	False		1	54, 55,	54, 55,	False
1)	44.	44,	False	Ш	ı	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False		<digito></digito>	55,	55,	False
1	1, 3, 6, 9, 10, 12,	1, 2, 5, 8, 9, 11,	False	11	:	51.	51,	False			54, 55,	54, 55,	True
[45.	45,	False			51.	52,	False			1, 3, 6, 9, 10, 12,	56,	False
i	1, 3, 6, 9, 10, 12,	1 2 5 8 9 11	False			52.	52.	False	- 11	#	56.	56.	False

Prueba 2-1.txt

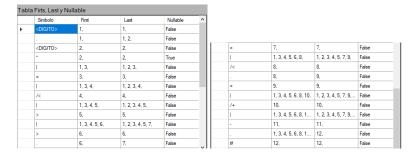
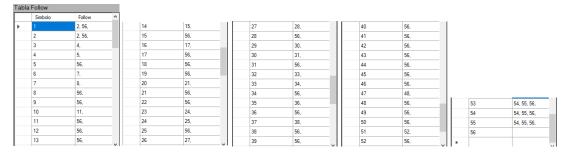


Tabla Follow

Gramática.txt



Prueba 2-1.txt

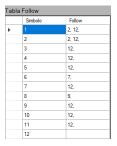
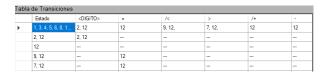


Tabla de Transiciones

Prueba 2-1.txt

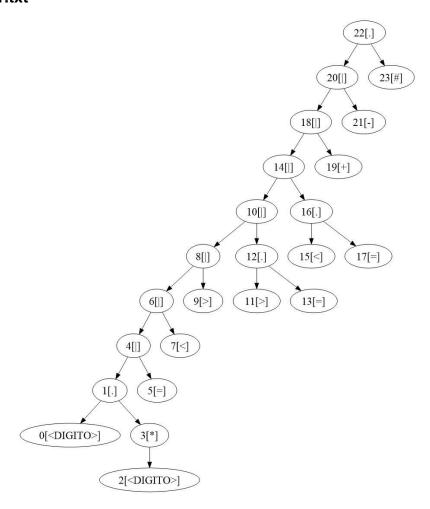


Gramática.txt

Estado	<digito></digito>	"	<charset></charset>		-	/<
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2, 56	2, 56					
4			5		-	
5		56			-	
56	-				-	
7	-		8		-	
8				56	-	
11, 17, 56					56	
15, 56					56	
21						
38, 56					-	
24	Ī	-	T-		T	
25	-		I	-	_	
33	-		_		-	
34	-		-		-	
30	-		-		-	
31	-		-		-	
27	-		-		-	
28	-		-		-	
36, 56	-		-			
48, 56	-		-			
52, 56	-		T-	-	56	
54. 55. 56	54, 55, 56		_	_	_	

<u>Arboles</u>

Prueba 2-1.txt



Gramática.txt

