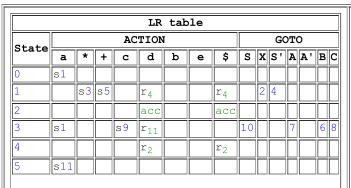
>>

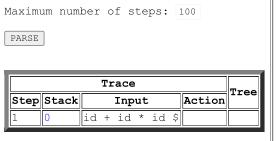
SLR grammar ('' is ε):

(0) S -> a X
(1) X -> \* B S'
(2) X -> S'
(3) S' -> + a S'
(4) S' -> ''
(5) A -> c d A'
(6) A'-> b A'
(7) A'-> ''
(8) B -> A c
(9) B -> C d e
(10) C -> S d
(11) C -> ''

FIRST / FOLLOW table							
Nonterminal	FIRST	FOLLOW					
S	{a}	{\$,d}					
X	{*,+,''}	{\$,d}					
s'	{+,''}	{\$,d}					
A	{c}	{c}					
Α'	{b,''}	{c}					
В	{c,a,'',d}	{+,\$,d}					
С	{a,''}	{d}					

SLR closure table									
Goto	Kernel	State	Closure						
	{S -> .a X}	0	{S -> .a X}						
goto(0, a)	{S -> a.X}	1	{S -> a.X; X -> .* B S'; X -> .S'; S' -> .+ a S'; S' -> .}						
goto(1, X)	{S -> a X.}	2	{S -> a X.}						
goto(1, *)	{X -> *.B S'}	3	{X -> *.B S'; B -> .A c; B -> .C d e; A -> .c d A'; C -> .S d; C -> .; S -> .a X}						
goto(1, S')	{X -> S'.}	4	{X -> S'.}						
goto(1, +)	{S' -> +.a S'}	5	{S' -> +.a S'}						
goto(3, B)	{X -> * B.S'}	6	{X -> * B.S'; S' -> .+ a S'; S' -> .}						
goto(3, A)	{B -> A.c}	7	{B -> A.c}						
goto(3, C)	{B -> C.d e}	8	{B -> C.d e}						
goto(3, c)	{A -> c.d A'}	9	{A -> c.d A'}						
goto(3, S)	{C -> S.d}	10	{C -> S.d}						
goto(3, a)	{S -> a.X}	1							
goto(5, a)	{S' -> + a.S'}	11	{S' -> + a.S'; S' -> .+ a S'; S' -> .}						
goto(6, S')	{X -> * B S'.}	12	{X -> * B S'.}						
goto(6, +)	{S' -> +.a S'}	5							
goto(7, c)	{B -> A c.}	13	{B -> A c.}						
goto(8, d)	{B -> C d.e}	14	{B -> C d.e}						
goto(9, d)	{A -> c d.A'}	15	{A -> c d.A'; A' -> .b A'; A' -> .}						
goto(10, d)	{C -> S d.}	16	{C -> S d.}						
goto(11, S')	{S' -> + a S'.}	17	{S' -> + a S'.}						
goto(11, +)	{S' -> +.a S'}	5							
goto(14, e)	{B -> C d e.}	18	{B -> C d e.}						
goto(15, A')	{A -> c d A'.}	19	{A -> c d A'.}						
goto(15, b)	{A' -> b.A'}	20	{A' -> b.A'; A' -> .b A'; A' -> .}						
goto(20, A')	{A' -> b A'.}	21	{A' -> b A'.}						
goto(20, b)	{A' -> b.A'}	20							





Input (tokens): id + id \* id

LR table															
State	ACTION								GOTO						
	a	*	+	С	d	b	е	\$	s	X	s'	A	A'	В	С
6			s <b>5</b>		$r_4$			$r_4$			12				
7				s13											
8					s14										
9					s15										
10					s16										
11			s5		$r_4$			$r_4$			17				
12					$r_1$			$r_1$							
13			r <sub>8</sub>		r <sub>8</sub>			r <sub>8</sub>							
14							s18								
15				r7		s20							19		
16					r <sub>10</sub>										
17					r <sub>3</sub>			r <sub>3</sub>							
18			r <sub>9</sub>		r <sub>9</sub>			r <sub>9</sub>				Г			
19				$r_5$								Г			П
20				r <sub>7</sub>		s20							21		
21				r <sub>6</sub>											