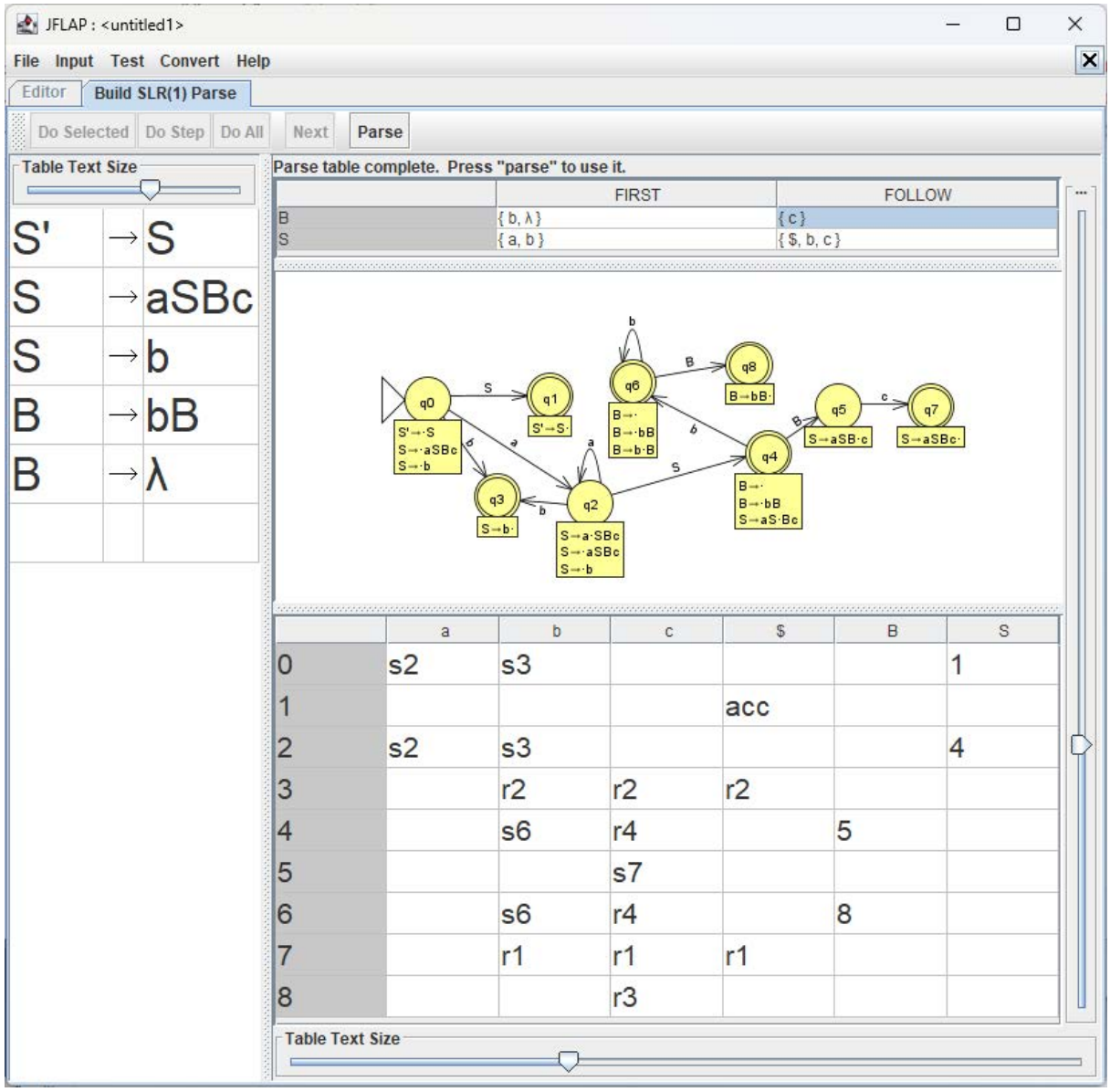
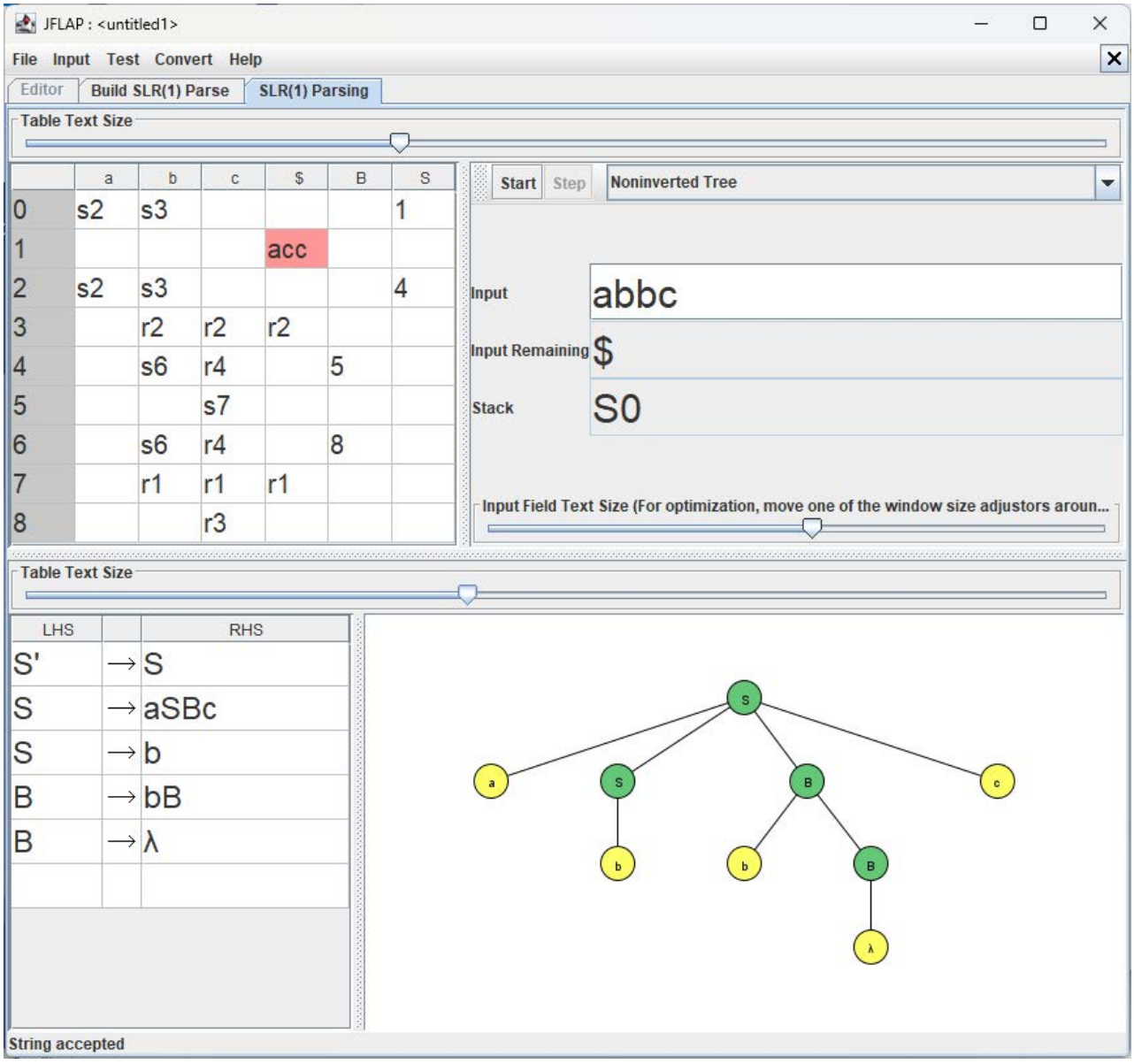
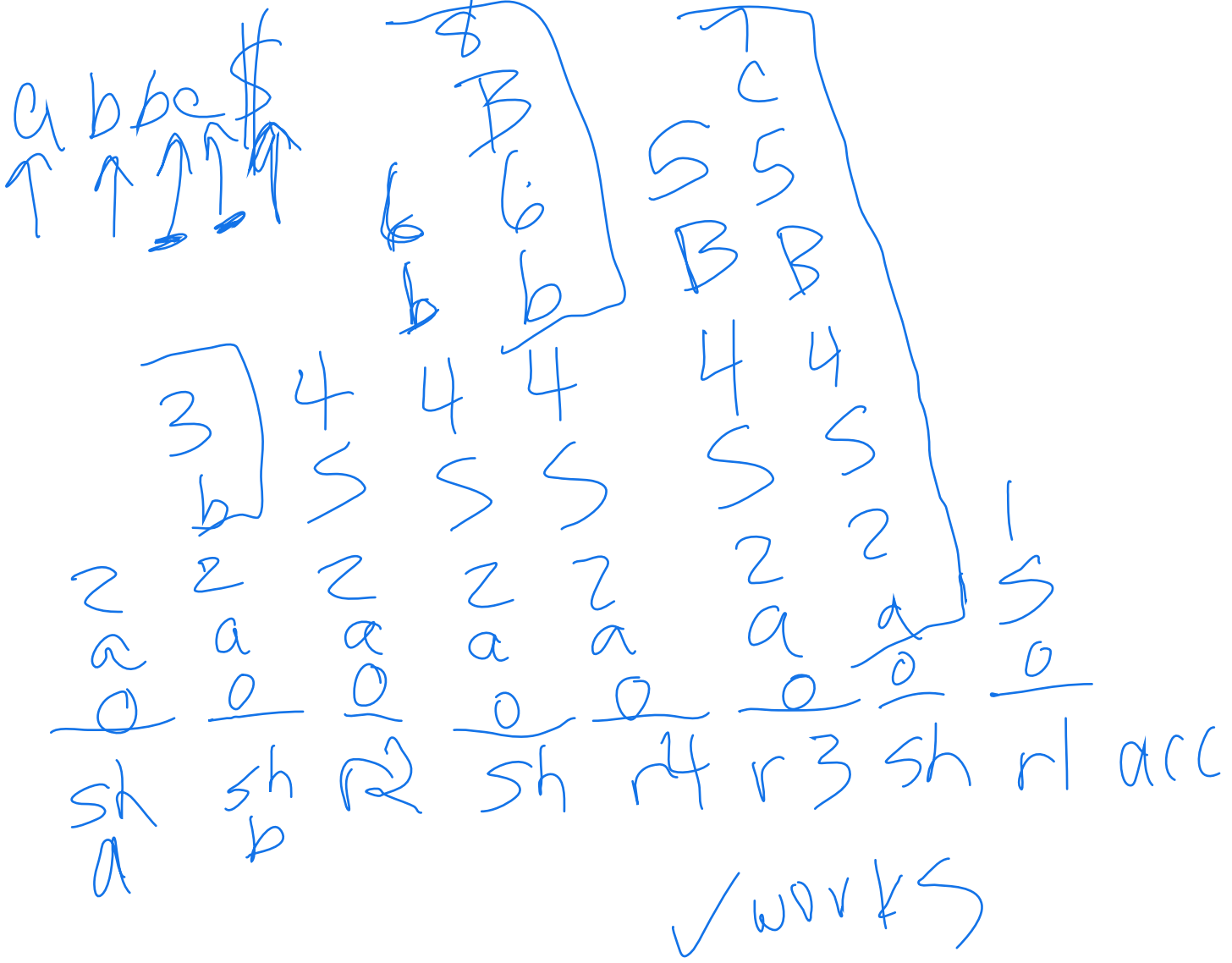
Example we did in class on LR Parsing. Built LR(1) Parse table and then traced a string on the stack 10/24/24





	a	b	c	$	B	S
0	s2	s3				1
1				acc		
2	s2	s3				4
3		r2	r2	r2		
4		s6	r4		5	
5			s7			
6		s6	r4		8	
7		r1	r1	r1		
8			r3			

LHS		RHS
S'	→	S
S	→	aSBc
S	→	b
B	→	bB
B	→	λ


a b b c $
S B C
6 6 5 5
b b B B
3 4 4 4 4 4
b S S S S S
2 2 2 2 2 2 1
a a a a a a a S
0 0 0 0 0 0 0 0
sh sh r2 sh r4 r3 sh r1 acc
a b
works