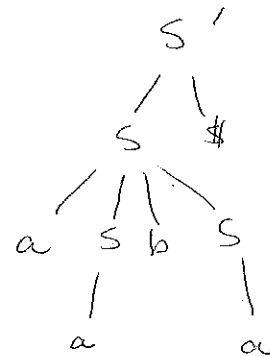


0. $S' \rightarrow S\#$
1. $S \rightarrow aSbS$
2. $S \rightarrow a$

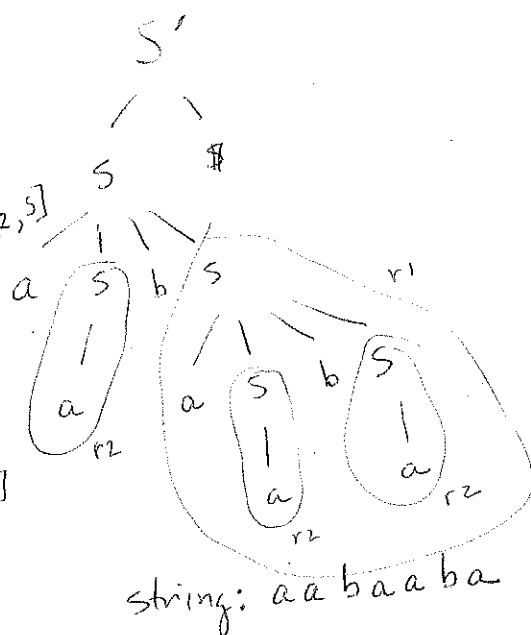
	a	b	#	S
0	s2			1
1			accept	
2	s2	r2	r2	3
3		s4		
4	s2			5
5		r1	r1	



string: aaba

stack	Input	Table	Action
0	aaba#	[0,a]	s2
02	aba#	[2,a]	s2
02 2	ba#	[2,b]	r2 $S \rightarrow a$ push[2,S]
023	ba#	[3,b]	s4
0234	a#	[4,a]	s2
0234 2	#	[2,#]	r2 $S \rightarrow a$ push[4,S]
0 2 34 5	#	[5,#]	r1 $S \rightarrow aSbS$ push[0,S]
01	#	[1,#]	accept

Stack	Input	Table	Action
0	aabaaaba#	[0,a]	s2
02	abaaaba#	[2,a]	s2
02 2	baaaba#	[2,b]	r2 $S \rightarrow a$ push[2,S]
023	baaaba#	[3,b]	s4
0234	aaaba#	[4,a]	s2
0234 2	aba#	[2,a]	s2
02342 2	ba#	[2,b]	r2 $S \rightarrow a$ push[2,S]
023423	ba#	[3,b]	s4
0234234	a#	[4,a]	s2
0234234 2	#	[2,#]	r2 $S \rightarrow a$ push[4,S]
0234234 2 5	#	[5,#]	r1 $S \rightarrow aSbS$ push[4,S]
0 2 34 2 5	#	[5,#]	r1 $S \rightarrow aSbS$ push[0,S]
01	#	[1,#]	accept



string: aabaaaba