LR(0) example start-to-finish

S' -> S

1. S -> AB
2. A -> a
3. B -> b

1)
S' -> .S
S -> .AB
A -> .a

2)
S' -> S.

3)
S -> A.B
B -> .b

4)
A -> a.

5)
S -> AB.

6)
B -> b.
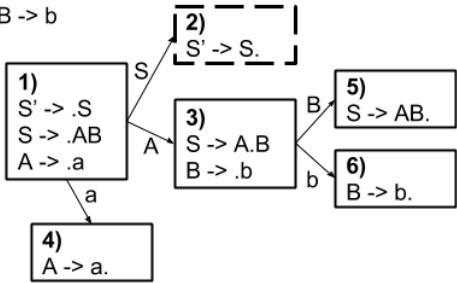
	a	b	$	S	A	B
1)	s4			2	3	
2)			ACC			
3)		s6				5
4)	r2	r2	r2			
5)	r1	r1	r1			
6)	r3	r3	r3			

w= ab
= ab$

|ab$
s4
1

a|b$
r2:
A->a
1-symbol
pop
4
1

a|b$
s6
3
1

ab|$
r3:
B->b
1-symbol
pop
6
3
1

ab|$
r1:
S->AB
2-symbol
pop
5
3
1

ab|$
ACC
2
1