LL Problem

(1)

S -> xE | z

E -> cE'

E' -> aEE'

| bΕΕ' | ε

(2)

Already LL.

(3)

S -> xES'

| z

S' -> y

| ε

E -> aE

| b

LR Problem

(1) First set and follow set

Action

	р	*	()	\$
0		S	S		
1		S	S		
2	S	S			
3					
4		R2	R2	R2	R2
5	S	S			
6		R4	R4	R4	R4
7				S	
8		R3	R3	R3	R3
9		R1	R1	R1	R1

States:

Go To											
	р	*	()	\$	S	>				
0		2	1								
1		0	1			3					
2	6	5					4				
3						7					
4											
5	6	5					8				
6											
7				9							
8											
9											