S-> L =R					
S->R					
L-> *R					
L->id					
R->L					
Parse the input : id =id					
1. S-> (L)					
2. S->a 3. L-> L,S					
4. L->S					
Parse the Input : (a,a)					
1. Augumented grammar					
$S^1 \rightarrow S$					
S->(L)					
S->a					
L->L,S					
L->S					
2. LR(0) item construction					
Clousure( $S^1 \rightarrow .S$ )					
10					
$S^1 \rightarrow .S$					
S->.(L)					
S->.a					
l1					
Goto(0, S)					
S¹→S.					

12
Goto(0,()
S-> (.L)
L->.L,S
L->.S
S->.(L)
S->.a
13
Goto(0,a)
S->a.
14
Goto(2,L)
S-> (L.)
L->L . , S
15
Goto(2,S)
L->S.
Goto(2, ()
12
Goto(2,a)
13
16
Goto(4, ))

S-> (L).

```
I7

Goto(4, ,)

L->L ,. S

S->.(L)

S->.a

I8

Goto(7, S)

L->L , S.

Goto(7, ()

I2

Goto(7,a)
```

Follow(S)={ \$, ) , ,}

13

Follow(L)={ ) , ,}

**SLR** parsing table

State	Action					]	
	(	)	а	,	\$	S	L
0	S2		S3			1	
1					Accept		
2	<b>S2</b>		S3			5	4
3		R2		R2	R2		
4		S6		<b>S7</b>			
5		R4		R4			
6		R1		R1	R1		
7	<b>S2</b>		S3			8	
8		R3		R3			

Stack	Input	Output production
\$0	(a,a) \$	Shift2
\$0(2	a,a) \$	Shift 3
\$0(2a3	,a) \$	S->a
\$0(2S5	,a)\$	L->S
\$0(2L4	,a)\$	
\$0(2L4,7	a)\$	
\$0(2L4,7a3	)\$	S->a
\$0(2L4,7S8	)\$	L->L,S
\$0(2L4	)\$	
\$0(2L4)6	\$	S->(L)
\$0\$1	\$	
Accept		