

Construir la tabla SLR para la siguiente gramática:

$S \rightarrow AB \text{ end}$

$A \rightarrow \text{tipo}$

$A \rightarrow \text{id } A$

$B \rightarrow \text{begin } C$

$C \rightarrow \text{codigo}$

1: $S' \rightarrow S$

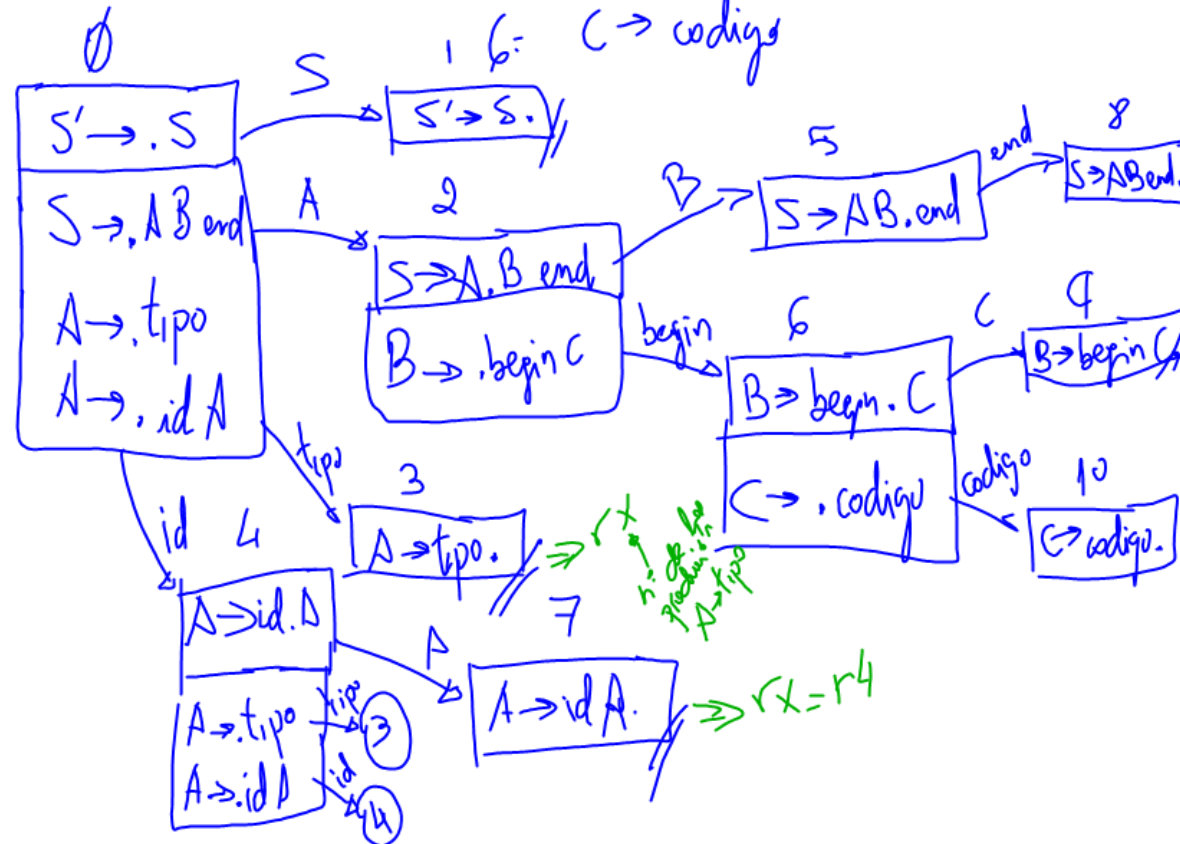
\Rightarrow 2: $S \rightarrow AB \text{ end}$

3: $A \rightarrow \text{tipo}$

4: $A \rightarrow \text{id } A$

5: $B \rightarrow \text{begin } C$

6: $C \rightarrow \text{codigo}$



	tipo	id	begin	codigo	end	\$	S	A	B	C
0	d3	d4					1	2		
1						ACER.				
2			d6						5	
3			r3							
4	d3	d4					7			
5					d8					
6				d10						9
7			r4							
8						r2				
9					r5					
10					r6					

1. $S' \rightarrow S$ 2. $S \rightarrow AB \text{ end}$ 3. $A \rightarrow \text{tipo}$ 4. $A \rightarrow \text{id } A$ 5. $B \rightarrow \text{begin } C$ 6. $C \rightarrow \text{codigo}$

$$\text{PAL}(S) = \text{PAL}(A) = \{ \text{tipo, id} \}$$

$$\text{PAL}(A)$$

$$\text{PAL}(B) = \{ \text{begin} \}$$

$$\text{PAL}(C) = \{ \text{codigo} \}$$

$$\text{SIG}(S) = \{ \$ \}$$

$$\text{SIG}(S) = \{ \$ \}$$

$$\text{SIG}(A) = \text{PAL}(B) = \{ \text{begin} \}$$

$$\text{SIG}(B) = \{ \text{end} \}$$

$$\text{SIG}(C) = \text{SIG}(B) = \{ \text{end} \}$$

3. $A \rightarrow \text{tipo} \Rightarrow \text{SIG}(A) = \{ \text{begin} \}$
 $r3 \rightarrow$

7. $A \rightarrow \text{id } A \Rightarrow \text{SIG}(A) = \{ \text{begin} \}$
 $\hookrightarrow r4$

8. $S \rightarrow AB \text{ end} \Rightarrow \text{SIG}(S) = \{ \$ \}$
 $\hookrightarrow r2$

9. $B \rightarrow \text{begin } C \Rightarrow \text{SIG}(B) = \{ \text{end} \}$
 $\hookrightarrow r5$

10. $C \rightarrow \text{codigo} \Rightarrow \text{SIG}(C) = \{ \text{end} \}$
 $\hookrightarrow r6$

Construir la tabla SLR de la siguiente gramática:

$$S \rightarrow (L)$$

$$S \rightarrow id$$

$$L \rightarrow SL'$$

$$L' \rightarrow , SL' \mid \lambda$$

$$1. S' \rightarrow S$$

$$2. S \rightarrow (L)$$

$$\Rightarrow 3. S \rightarrow id$$

$$4. L \rightarrow SL'$$

$$5. L' \rightarrow , SL'$$

$$6. L' \rightarrow \lambda$$

$$PR(L) = \{ (, id \}$$

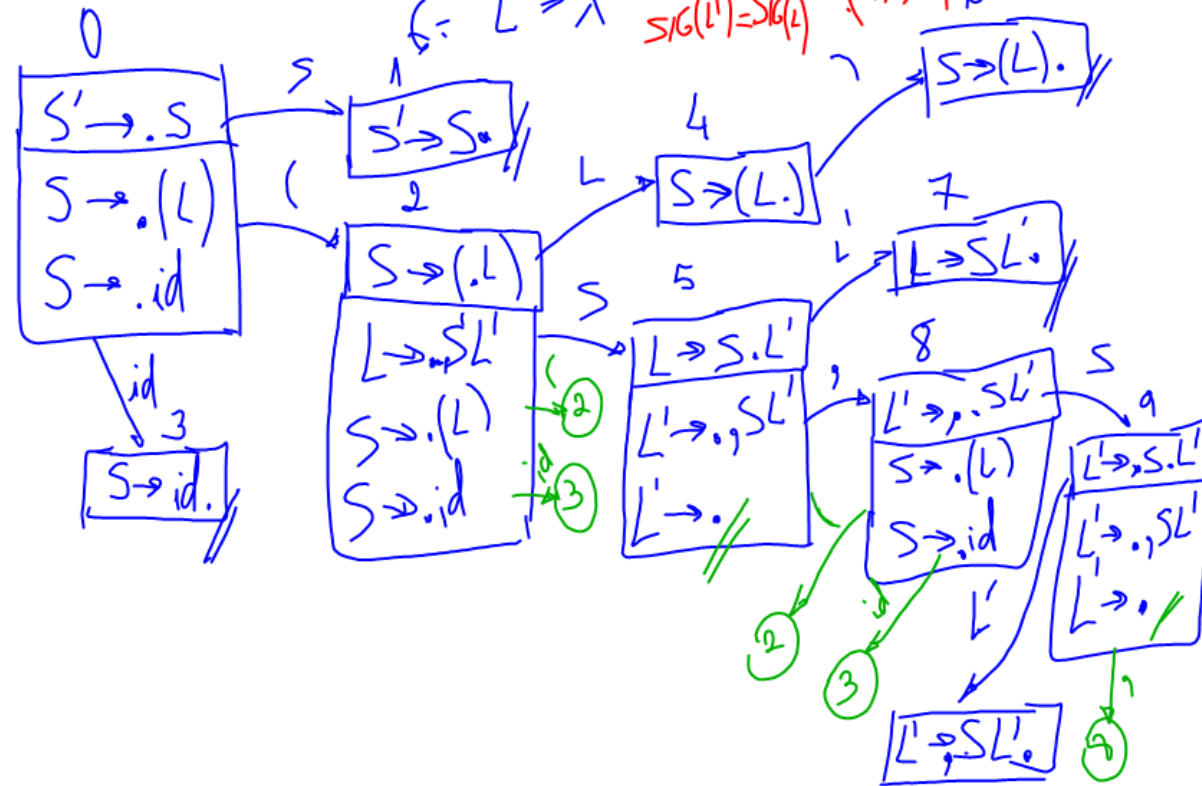
$$PR(L) = PR(S)$$

$$PR(L') = \{ ,, \lambda \}$$

$$SIG(S') = \{ \$ \}$$

$$SIG(S) = \$ \cup PR(L')$$

$$SIG(L') = SIG(L)$$



	id	()	,	\$	S	L	L'
0	d3	d2				1		
1					accp.			
2	d3	d2				5	4	
3			r3	r3	r3			
4			d6					
5			r6	d8				
6			r2	r2	r2			7
7			r4					
8	d3	d2						
9			r6	d8		9		
10			r5					10

10. $L' \rightarrow , SL' \Rightarrow SIG(L') = \{ , \}$
 $\hookrightarrow r5$

3. $S \rightarrow id. \Rightarrow SIG(S) = \{ \$, ,, \}$
 $\hookrightarrow r3$

5. $L' \rightarrow . \Rightarrow SIG(L') = \{ , \}$
 $\hookrightarrow r6$

6. $S \rightarrow (L). \Rightarrow SIG(S)$
 $\hookrightarrow r2$

7. $L \rightarrow SL'. \Rightarrow SIG(L) = \{ , \}$
 $\hookrightarrow r4$

9. $L' \rightarrow . \Rightarrow SIG(L') = \{ , \}$
 $\hookrightarrow r6$