

Analizador Sintactico Descendente Iterativo

Gramatica LL.

Conjunto Primero:

$\text{Primero}(Q) : \{ \text{select} \}$

$P(D) : \{ \text{distinct}, *, \text{id} \}$

$P(P) : \{ *, \text{id} \}$

$P(A) : \{ \text{id} \}$

$P(A_1) : \{ ,, \epsilon \}$

$P(A_2) : \{ \text{id} \}$

$P(A_3) : \{ ., \epsilon \}$

$P(T) : \{ \text{id} \}$

$P(T_1) : \{ ,, \epsilon \}$

$P(T_2) : \{ \text{id} \}$

$P(T_3) : \{ \text{id}, \epsilon \}$

Conjunto Siguierte:

Siguierte (Q): $\{\$ \}$

S(D): $\{\text{from}\}$

S(P): $S(D) = \{\text{from}\}$

S(A): $S(P) = \{\text{from}\}$

S(A₁): $S(A) = \{\text{from}\}$

S(A₂): $P(A_1) = \{, \epsilon \rightarrow S(A)\} = \{, \text{from}\}$

S(A₃): $S(A_2) = \{, \text{from}\}$

S(T): $S(Q) = \{\$ \}$

S(T₁): $S(T) = \{\$ \}$

S(T₂): $P(T_1) = \{, \epsilon \rightarrow S(T)\} = \{, \$ \}$

S(T₃): $S(T_2) = \{, \$ \}$

No Terminal	Select	Distinct	*	id	,	.	from	\$
Q	Q → select D from T							
D		D → distinct P	D → P	D → P				
P			P → *	P → A				
A				A → A ₂ A ₁				
A ₁					A ₁ → A		A ₁ → E	
A ₂				A ₂ → id A ₃				
A ₃					A ₃ → id		A ₃ → E	
T				T → T ₂ T ₁				
T ₁					T ₁ → T			T ₁ → E
T ₂				T ₂ → id T ₃				
				T ₃ → id	T ₃ → E			T ₃ → E