

Organización de Lenguajes y Compiladores 2 Sección: A-

$S \rightarrow E \{ \text{write}(E.\text{cadena}); \}$

$E \rightarrow T \{ E'.\text{cadena} = T.\text{cadena}; \} E' \{ E.\text{cadena} = E'.\text{cadena}; \}$

$E' \rightarrow + T \{ E'_1.\text{cadena} = \text{generarTemporarl}(); \text{write}(E'_1.\text{cadena}, '=', E'_h.\text{cadena}, '+', T.\text{cadena}); \}$
 $E' \{ E'_s.\text{cadena} = E'_1.\text{cadena}; \}$

$- T \{ E'_1.\text{cadena} = \text{generarTemporarl}(); \text{write}(E'_1.\text{cadena}, '=', E'_h.\text{cadena}, '-', T.\text{cadena}); \}$
 $E' \{ E'_s.\text{cadena} = E'_1.\text{cadena}; \}$

$| \varepsilon \{ E'_s.\text{cadena} = E'_h.\text{cadena} \}$

$T \rightarrow F \{ T'.\text{cadena} = F.\text{cadena}; \} T' \{ T.\text{cadena} = T'.\text{cadena}; \}$

$T' \rightarrow * F \{ T'_1.\text{cadena} = \text{generarTemporarl}(); \text{write}(T'_1.\text{cadena}, '=', T'_h.\text{cadena}, '*', F.\text{cadena}); \}$
 $T' \{ T'_s.\text{cadena} = T'_1.\text{cadena}; \}$

$/F \{ T'_1.\text{cadena} = \text{generarTemporarl}(); \text{write}(T'_1.\text{cadena}, '=', T'_h.\text{cadena}, '/', F.\text{cadena}); \}$
 $T' \{ T'_s.\text{cadena} = T'_1.\text{cadena}; \}$

$| \varepsilon \{ T'_s.\text{cadena} = T'_h.\text{cadena} \}$

$F \rightarrow \text{num} \{ F.\text{cadena} = \text{num} \}$

$| \text{id} \{ F.\text{cadena} = \text{id} \}$

$| (E) \{ F.\text{cadena} = E.\text{cadena} \}$