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Evidencia: First

Nombre de la maestra: Karina Rodriguez Mejia

Programa Académico: Ingeniería en Sistemas Computacionales

Unidad de Aprendizaje: Compiladores

First (Programa) = {Ident}

First (A1) = {First (Declarar Funciones),  $\epsilon$ } = {Ident,  $\epsilon$ }

First (Declarar Funciones) = {Ident}

First (A2) = {Ident,  $\epsilon$ }

First (Bloque) = {First (A3)} = {weaS, wea, weaN, weaD, weaBo, First (Proposición)} = {weaS, wea, weaN, weaD, weaBo, Ident, while, if}

First (A3) = {First (Tipo),  $\epsilon$ } = {weaS, wea, weaN, weaD, weaBo,  $\epsilon$ }

First (A4) = {Ident}

First (A5) = {=,  $\epsilon$ }

First (A6) = {Numero, Texto}

First (A7) = {"",  $\epsilon$ }

First (Proposición) = {Ident, while, if}

First (A8) = {=, {}}

First (A10) = {First (Parámetro),  $\epsilon$ } = {weaS, wea, weaN, weaD, weaBo,  $\epsilon$ }

First (A11) = {First (Proposición),  $\epsilon$ } = {Ident, while, if,  $\epsilon$ }

First (A12) = {elsif,  $\epsilon$ }

First (A13) = {else}

First (Tipo) = {weaS, wea, weaN, weaD, weaBo}

First (Expresión) = {First (A16)} = {Identificador, numero}

First (A16) = {Identificador, numero}

First (A17.1) {First (A18.1), (,  $\epsilon$ } = {+, -, \*, /, ^, mod, (,  $\epsilon$ }

$\text{First}(A17) = \{\text{First}(A18.1), \epsilon\} = \{+, -, *, /, ^, \text{mod}, \epsilon\}$

$\text{First}(A18.1) = \{+, -, *, /, ^, \text{mod}\}$

$\text{First}(\text{Parámetro}) = \{\text{First}(\text{Tipo}) = \{\text{weaS}, \text{wea}, \text{weaN}, \text{weaD}, \text{weaBo}\}$

$\text{First}(A20) = \{“,”, \epsilon\}$

$\text{First}(\text{Condición}) = \{\text{First}(A16)\} = \{\text{Identificador}, \text{numero}\}$

$\text{First}(A16) = \{\text{Identificador}, \text{numero}\}$

$\text{First}(A23) = \{\text{First}(A22), \epsilon\} = \{\text{AND}, \text{OR}, \epsilon\}$

$\text{First}(A21) = \{\text{First}(A18), \epsilon\} = \{==, i, i=, <, <=, >, >=, \epsilon\}$

$\text{First}(A18) = \{==, i, i=, <, <=, >, >=\}$

$\text{First}(A22) = \{\text{AND}, \text{OR}\}$