PROGRAM 🡪 FUNCTIONS

FUNCTIONS 🡪 FUNCTION FUNLIST

FUNLIST 🡪 FUNCTIONS || ε

FUNCTION 🡪 TYPE TKN\_ID TKN\_LP ARGS TKN\_RP FUNC\_BODY

ARGS 🡪 FARGS ALIST || ε

ALIST 🡪 TKN\_COMMA FARGS ALIST || ε

FARGS 🡪 TYPE TKN\_ID

FUNC\_BODY 🡪 TKN\_LB STMTS TKN\_RB

STMTS 🡪 STMT STMTS || ε

STMT 🡪 EXPR\_STMT || RET\_STMT || FOR\_STMT || IF\_STMT

EXPR\_STMT 🡪 EXPR TKN\_SEMICOLON

EXPR 🡪 FACTOR FLIST || EARGS

FACTOR 🡪 TKN\_LP EXPR TKN\_RP || TKN\_ID

FLIST 🡪 TKN\_ASN FACTOR FLIST || TKN\_PLUS FACTOR FLIST || TKN\_LESS FACTOR FLIST || ε

EARGS 🡪 FARGS EALIST || ε

EALIST 🡪 TKN\_COMMA TKN\_ID EALIST || ε

RET\_STMT 🡪 TKN\_KW\_RET EXPR\_STMT

FOR\_STMT 🡪TKN\_FOR TKN\_LP EXPR\_STMT EXPR\_STMT EXPR TKN\_RP TKN\_LB STMTS TKN\_RB

IF\_STMT 🡪 TKN\_IF TKN\_LP EXPR TKN\_RP TKN\_LB STMTS TKN\_RB ELSEIF

ELSEIF 🡪 TKN\_ELSE ILIST || ε

ILIST 🡪IF\_STMT || TKN\_LB STMTS TKN\_RB

TYPE 🡪 TKN\_INT || TKN\_FLOAT