**Expr:** term (( PLUS | MINUS) term)\* Example:**term:** factor (( MUL | DIV) factor)\* 17+8\*2-10/5**factor:** INTEGER

**Expr:** term (( PLUS | MINUS) term)\* Example:**term:** factor (( MUL | DIV) factor)\* 7+3\*(10/(12/(3+1)-1))**factor:** INTEGER | LEFTPAREN expr RIGHTPAREN

**Expr:** term (( PLUS | MINUS) term)\* Example:**term:** factor (( MUL | DIV) factor)\* 5-(-(2))**factor:** (PLUS | MINUS) factor | INTEGER | LEFTPAREN expr RIGHTPAREN

**program:** compound\_statement DOT

**compound\_statement:** BEGIN statement\_list END

**statement\_list:** statement | statement SEMI statement\_list

**statement:** compound\_statement | assignment\_statement | empty

**assignment\_statement:** variable ASSIGN expr

**variable:** ID

**empty:**

**factor:** PLUS factor | MINUS factor | INTEGER | LEFTPAREN expr RIGHTPAREN | variable

Example:

BEGIN

BEGIN

number := 2;

a := number;

b := 10 \* a + 10 \* number / 4;

c := a - - b

END;

x := 11;

END.